



# Not in Kansas anymore

A new frontier for web design



Surname First name

|      |     |      |
|------|-----|------|
| 陈    | 慧   | 晶    |
| Chen | Hui | Jing |



@hj\_chen



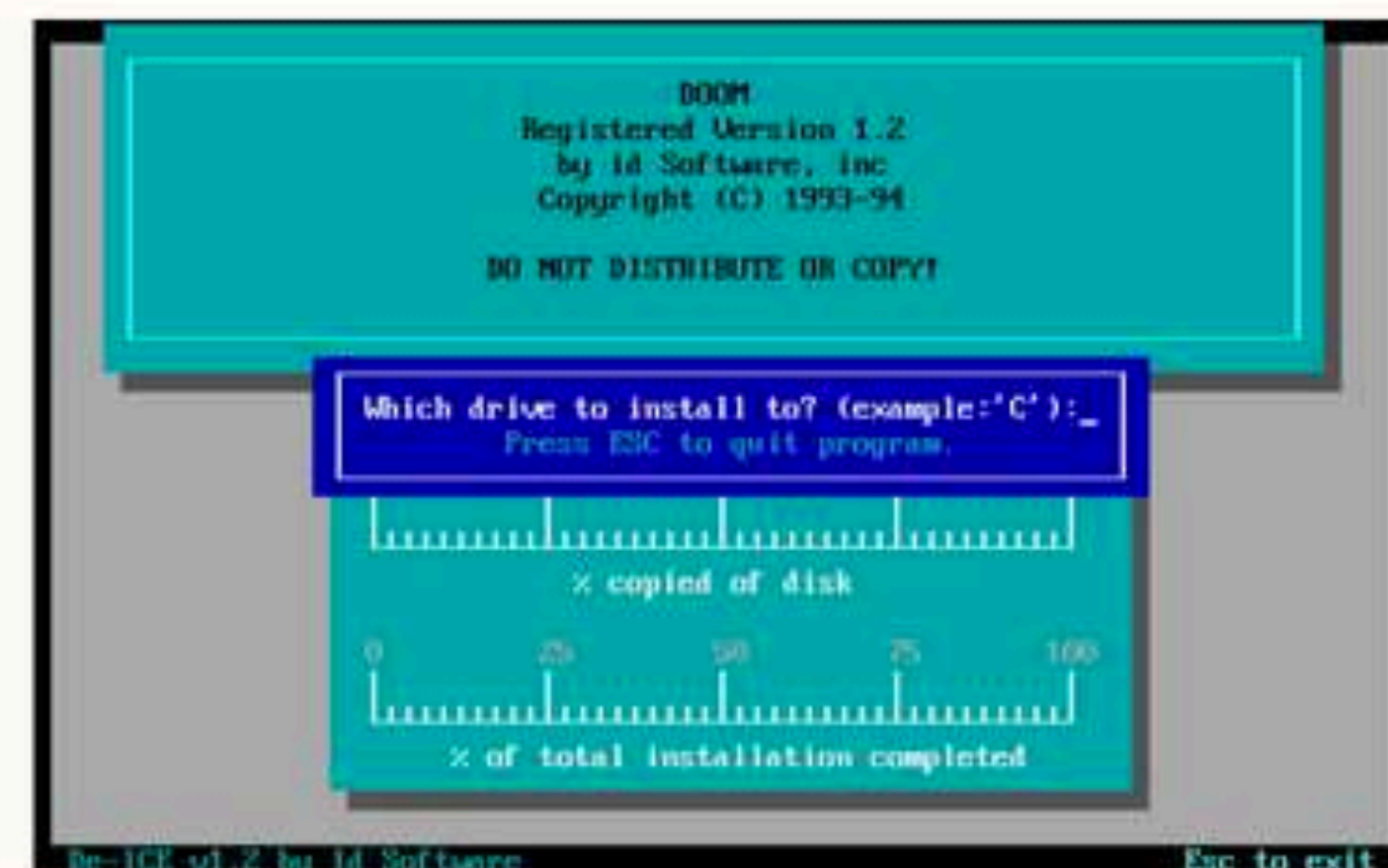
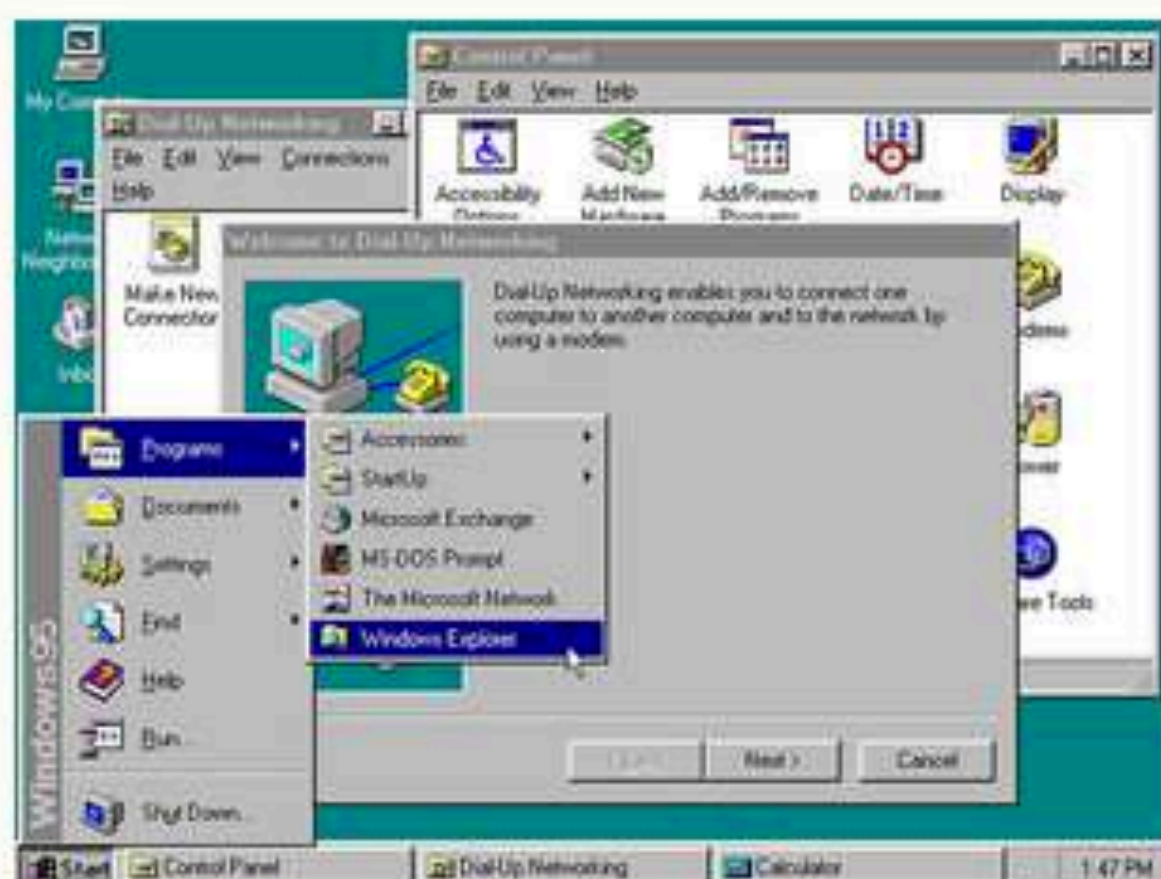


PASAR AWAM AIR ITAM  
阿依淡菜市场  
ஆயர் ஈத்தாம் சந்தை  
AIR ITAM MARKET

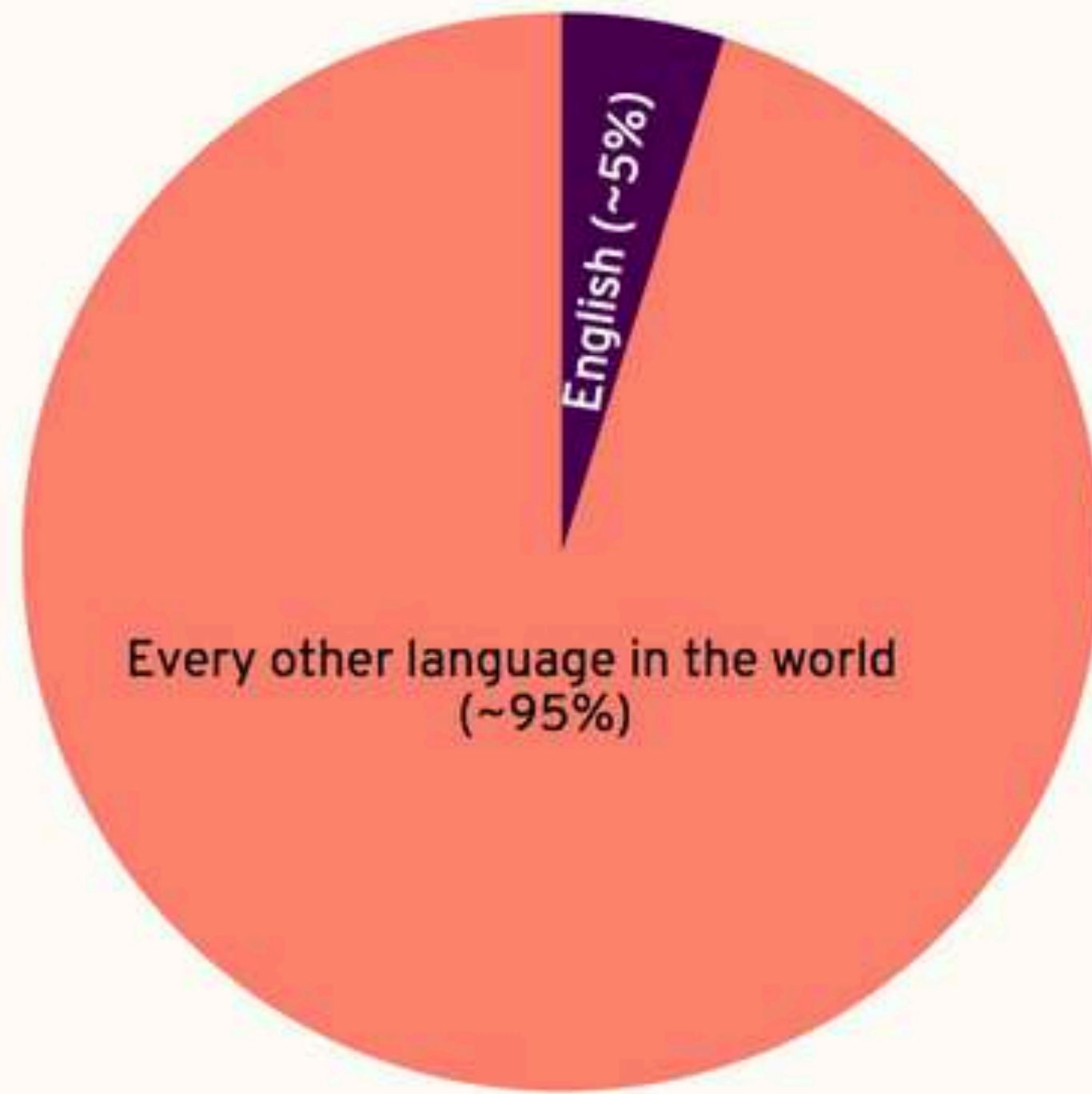
جالن تون عبدالرازق  
JLN. TUN ABDUL RAZAK  
80100 JOHOR BAHRU



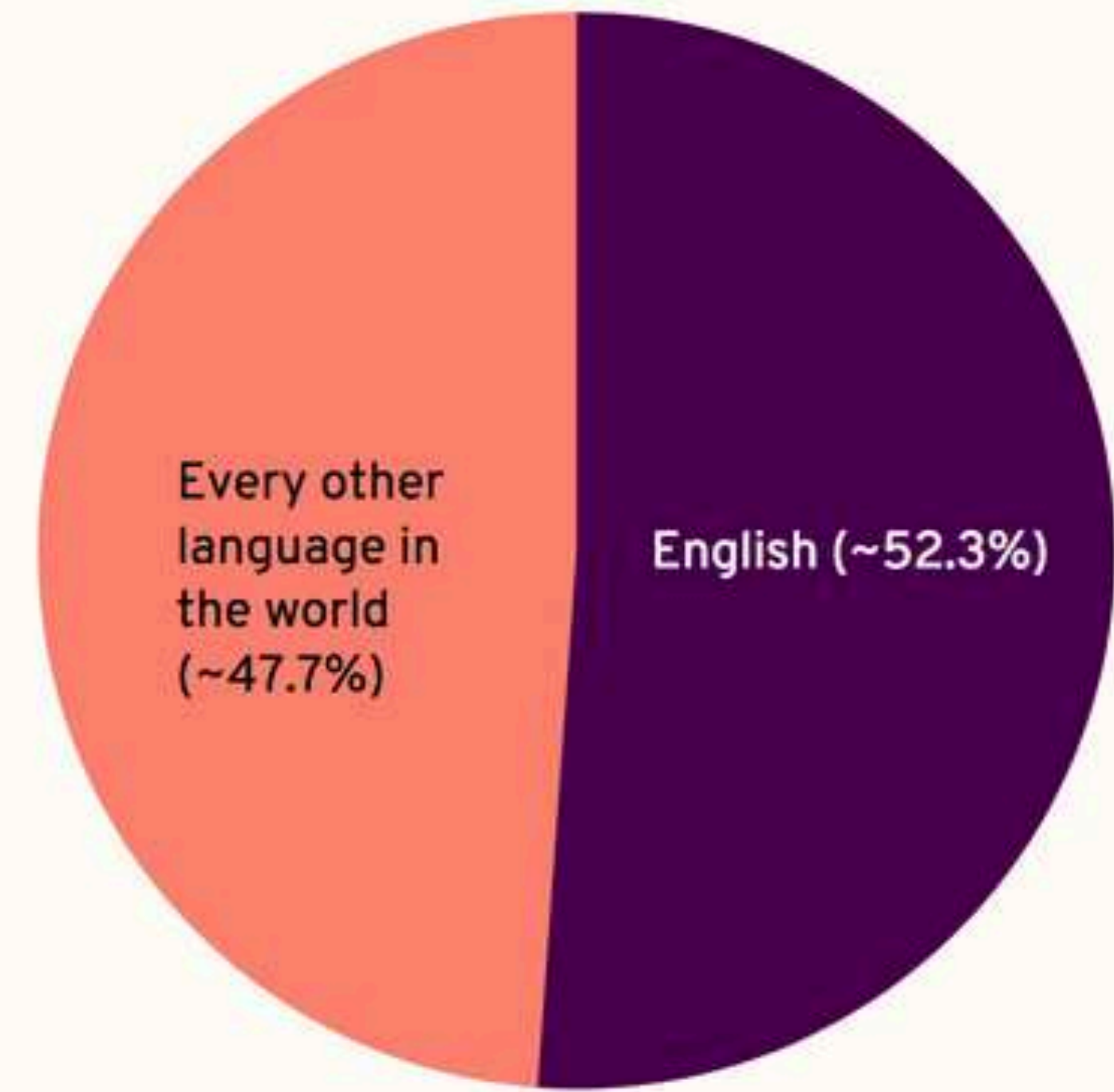








*Distribution of languages used around the world*



*Distribution of content languages on the web*

Sources: [Worldometers](#), [Ethnologue](#), [W3Techs](#)



@hj\_chen







# Local content

“Local content is a critical component of efforts to bridge the digital divide.”

—Internet Society Policy Brief: Local Content



@hj\_chen

# Internationalisation (i18n)

“To ensure that the technology supports text  
in **any writing system** of the world.”

—W3C Internationalisation





# The web is a unique medium of its own



*Physical media*



*Web medium*





# Intrinsic web design

**Intrinsic** (*adjective*) /ɪnˈtrɪn.zɪk/

belonging to the essential nature or constitution of a thing





“I think Intrinsic Web Design is about the shift from being limited by CSS’ capabilities to being empowered by them.”

—Ezequiel Bruni





# Team layout



And more...





三十八年后。

汪淼觉得，来找他的这四个人是一个奇怪的组合：两名警察和两名军人，如果那两个军人是武警还算正常，但这是两名陆军军官。

汪淼第一就对来找他的警察没有好感。其实那名穿警服的年轻人还行，举止很有礼貌，但那位便衣就让人讨厌了。这人长得五大三粗，一脸横肉，穿着件脏兮兮的皮夹克，浑身烟味，说话粗声大嗓，是最令汪淼反感的那类人。

「汪淼？」那人问，直呼其名令汪淼很不舒服。况且那人同时还在点烟，头都不抬一下，不等汪淼回答，他就向旁边那位年轻人示意了一下，后者向汪淼出示了警官证，他点完烟后就直接向屋里闯。

「请不要在我家里抽烟。」汪淼拦住了他。

「哦，对不起，汪教授。这是我们史强队长。」年轻警官微笑着说，同时对姓史的使了个眼色。

三十八年后。

汪淼觉得，来找他的这四个人是一个奇怪的组合：两名警察和两名军人，如果那两个军人是武警还算正常，但这是两名陆军军官。

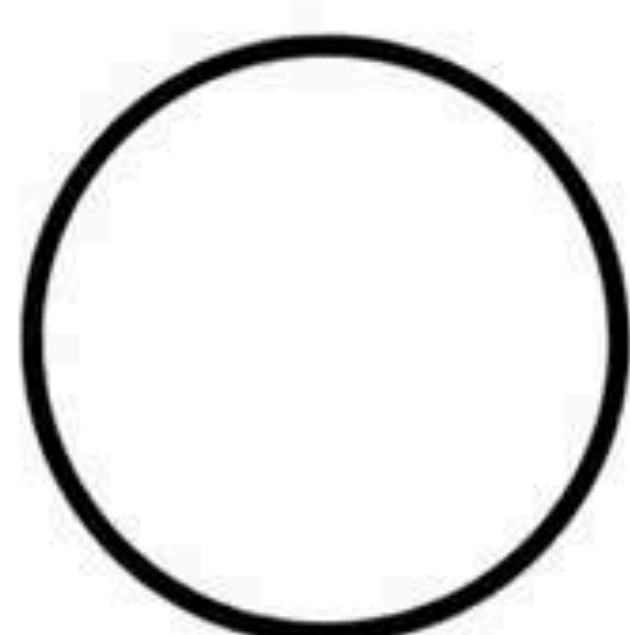
汪淼第一就对来找他的警察没有好感。其实那名穿警服的年轻人还行，举止很有礼貌，但那位便衣就让人讨厌了。这人长得五大三粗，一脸横肉，穿着件脏兮兮的皮夹克，浑身烟味，说话粗声大嗓，是最令汪淼反感的那类人。

「汪淼？」那人问，直呼其名令汪淼很不舒服，况且那人同时还在点烟，头都不抬一下，不等汪淼回答，他就向旁边那位年轻人示意了一下，后者向汪淼出示了警官证，他点完烟后就直接向屋里闯。

「请不要在我家里抽烟。」汪淼拦住了他。







まるまるまるり  
まるまるまる

# MARU<sup>3</sup> MORI PROJECT

活動の詳細はこちら

まるまるまるもりのコンセプト

あたらしくはじまる。  
自分らしい仕  
はじまる。  
気持ちに素直に  
その、大きな夢  
挑戦のきっかけ  
東北にある小さ  
丸森町は応援し

スキル：  






profile

岸本浩加

Hiroko Kasimura

着付け師・着付け講師・小笠原流礼法講師。六歳から始めたお母がきっかけで子供の頃より着物が好きになる。二十八歳で小林豊子さんの学院分校講師として開業。現在、自宅や県外での出張教室を開催。

着物の素晴らしいところは、受け継がれること。技術・伝統・文化など多くの先人の知恵や技はもちろんのこと、私が一番伝えたいのは、着物を残してくださった方たちの「念い」。健やかに育ってほしいと願った産着。立派な成人になってほしいと願った振袖。幸せな家庭を築いてほしいと願った花嫁衣装。着物それぞれに、その時々々の念いが込められています。その念いを受け継ぎ身に纏うことで、着物は生き返り、ありがたい感謝の気持ちに満たされ、また後世に残していきたいと思うのです。

お気に入り  
好きなもの、好きなこと。



@hijinen

その思いは、これからも大切にしたいと思っています。



50

へ強く踏み出すべき時代。

時代背景ですが、御社の創業当時は社会のほうが不安定だった。そこで、環境を安定させることへの意圖を高めたのですが、今のように社会が安定してくると、次のステップは何かを考える、良いタイミングなのかもしれませんね。

そうですね。安定経営はもちろん必要で最低条件ですが、

今の時代、会社としての現状維持は衰退と同じだと思っていて、

その進化のためにも、会社が外部からどのように見られているか、

どのように評価されているか、という点について、

経営者から従業員まで同じ感覚を持つことが重要だと思っています。



祇肥は五万一千石の城下町

祇肥城の大手門からつづくのは、

当時暮らした武将たちの面影を感じさせる、古い石垣









**Jon Gold**

@jongold

Follow



which one of the two possible websites are you currently designing?



2:40 am - 3 Feb 2016

4,046 Retweets 6,435 Likes



193



4.0K



6.4K







CapabilitiesTeamPartnersBlogContact

Cognition  
the Wismut Labs engineering blog

posted on Apr 24, 2017

Building for cross-browser compatibility

This is the third post of a multi-part series about developing the brand identity for Wismut Labs.

The [previous post](#) covered a number of design decisions made with regards to the overall style

Front-end

PGHK stories  
底能福建の故事

Han-na, han-naaa  
Not yet k-ouk  
Why build this site?

Have a story? Send it in!

EPYPHITE

Without roots.  
Everywhere.

ABOUT USPRODUCTSSERVICESOUR PHILOSOPHYBLOGCONTACT

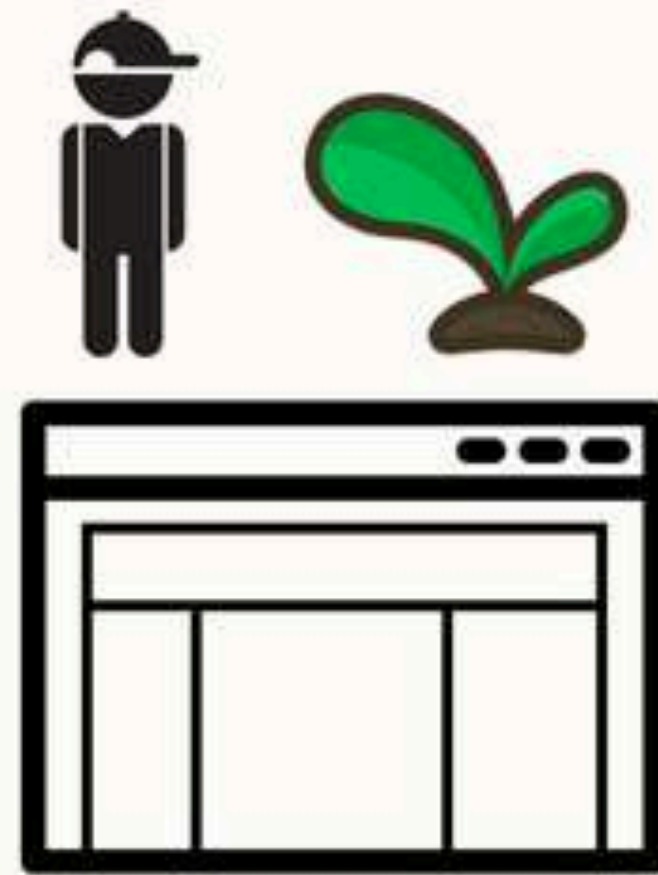




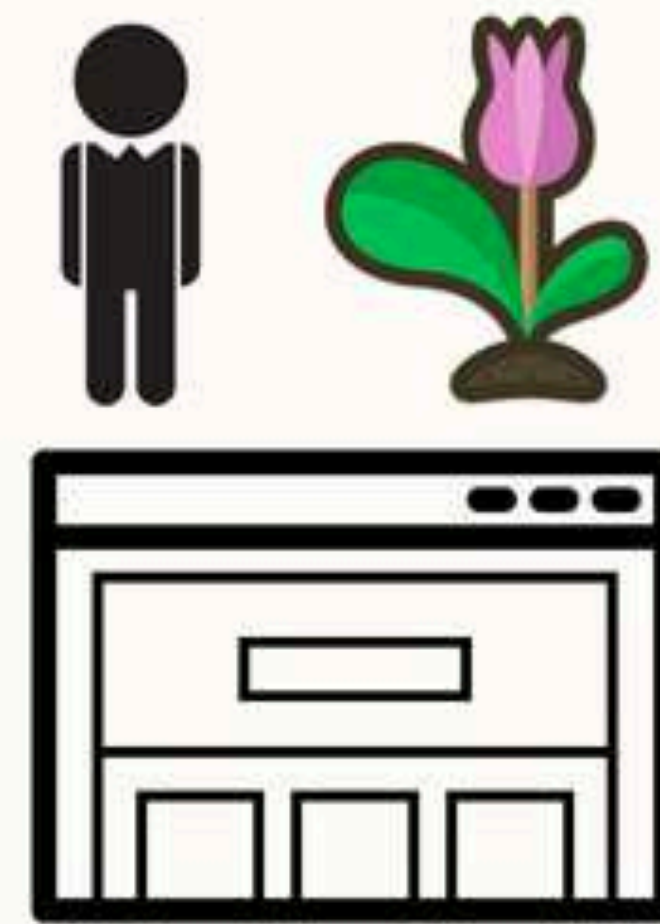
**No layout**



**HTML Tables**



**CSS Floats**



**Frameworks**



**Grid and beyond**









# CAIRNSLINK

凯恩斯热带水果特辑・トロピカルフルーツ特集

DECEMBER  
2013  
TAKE FREE

14

现在是最好的季节！  
这些是凯恩斯香甜的热带水果！  
今が食べ頃！甘くて美味しい  
トロピカルフルーツがたくさん！

凭此杂志可在吃饭和购物时  
享受很多实惠的折扣！

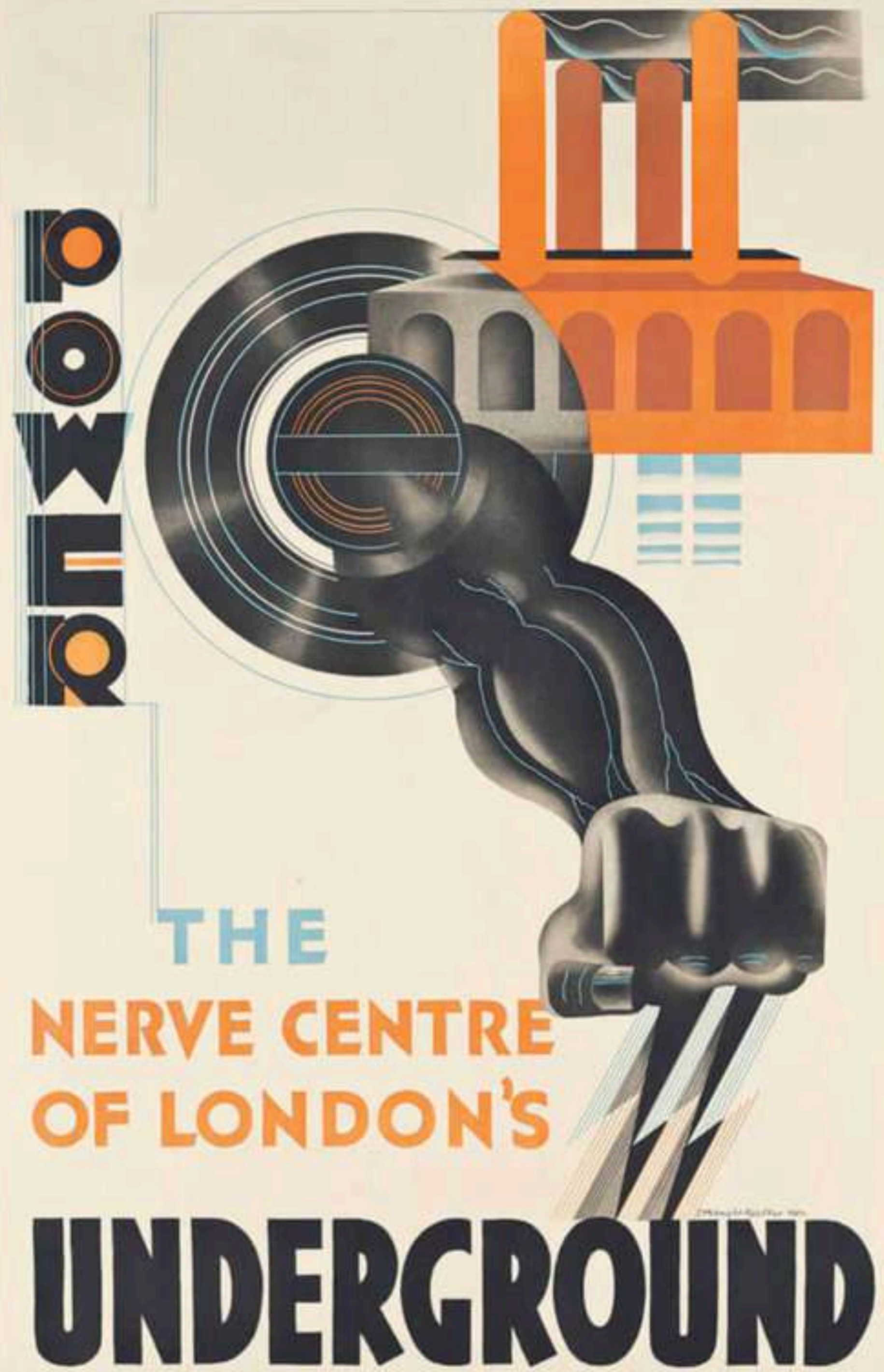
お食事やお買い物に使える  
お得な割引情報が満載！

丰富多彩的娱乐、活动信息／玩转赌场指南  
凯恩斯城市地图／餐厅・咖啡信息／美容・健康信息

盛り沢山！エンタメ、イベント情報／カジノ楽しみ方ガイド  
City Map／レストラン・カフェ情報／美容・健康情報

LOCAL . PEOPLE . LIFESTYLE . LIVING . MAGAZINE

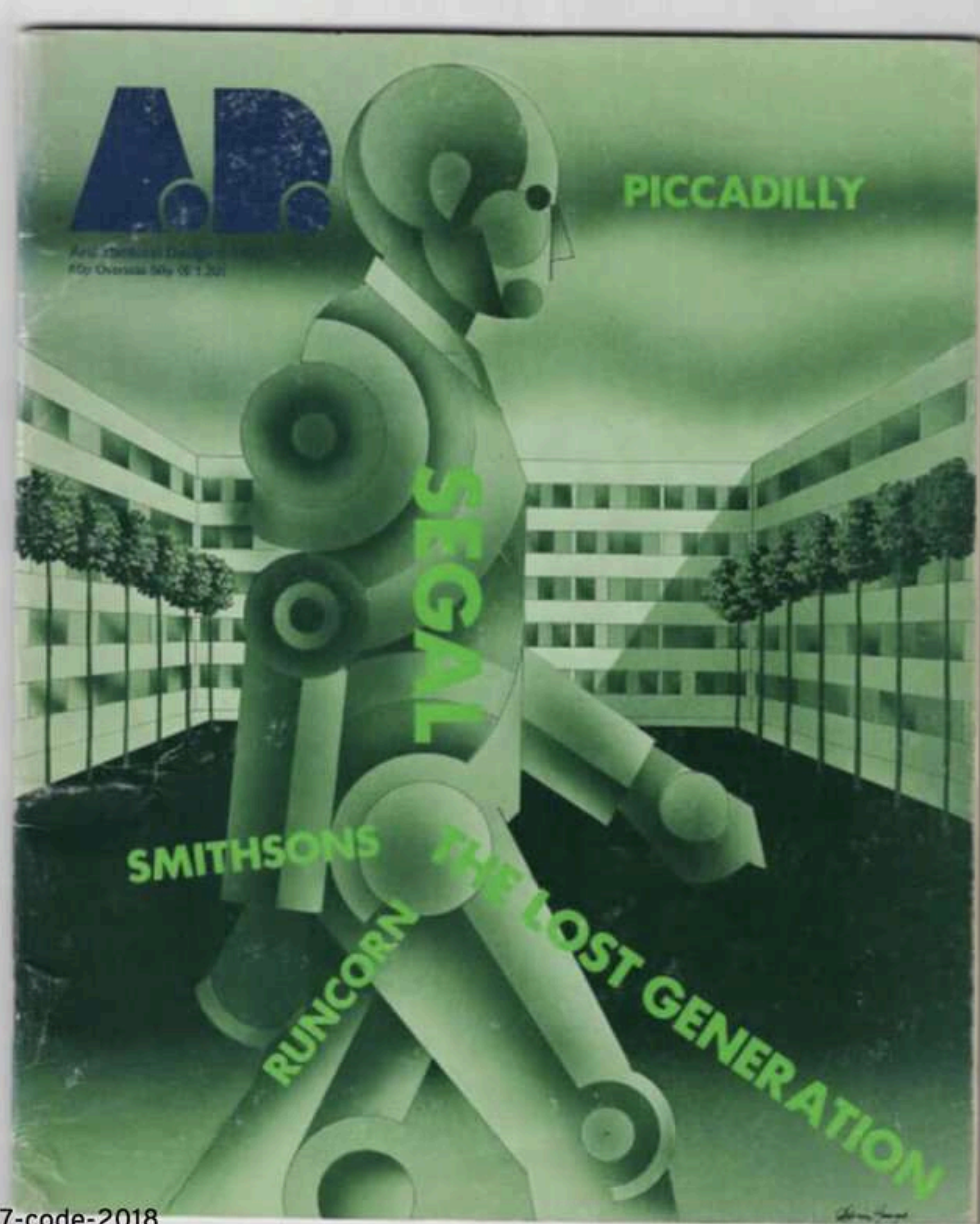


















CSS transforms



**team  
Layout**

**team  
Layout**

CSS transforms

Defines a set of CSS properties that affect the visual rendering of elements to which those properties are applied

Lets you do photoshop effects in your browser



# Creating CSS pencils

- Mark-up (HTML)
- Visual styles (CSS)
- Layout styles (CSS)





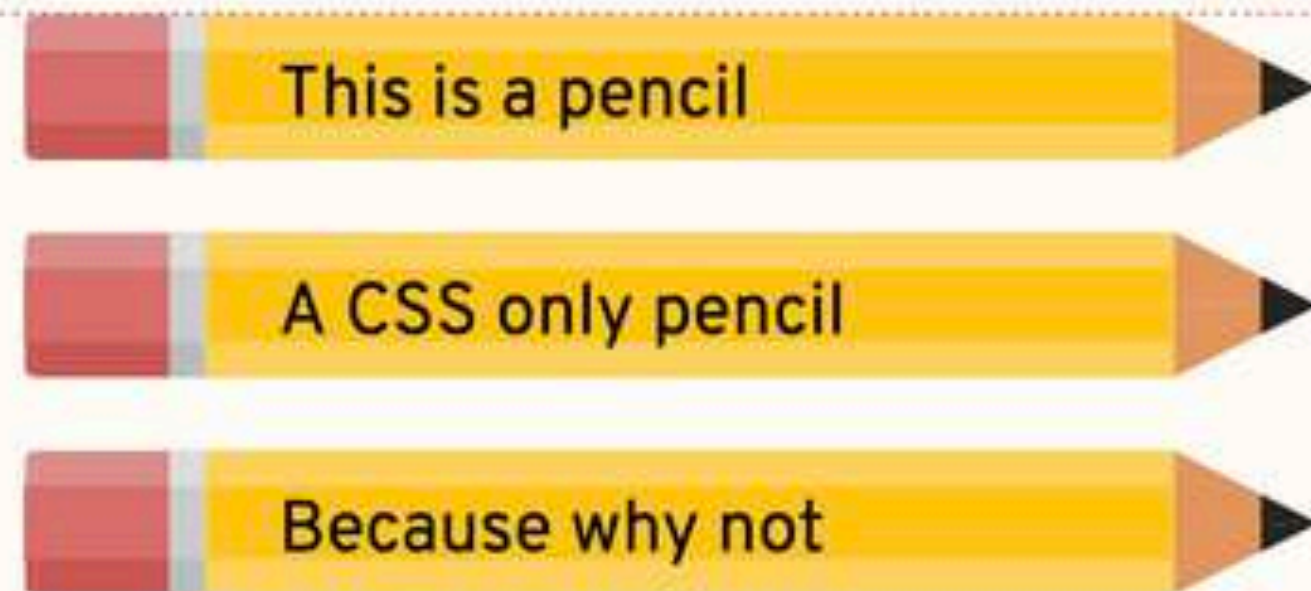
# Mark-up (HTML)

- This is a pencil
- A CSS only pencil
- Because why not

```
<ul>
  <li>
    <p>This is a pencil</p>
  </li>
  <li>
    <p>A CSS only pencil</p>
  </li>
  <li>
    <p>Because why not</p>
  </li>
</ul>
```



# Visual styles (CSS)



```
.transforms1 li {  
  display: flex;  
  align-items: start;  
  margin-bottom: 1em;  
}  
  
.transforms1 li::after {  
  content: '';  
  border-style: solid;  
  border-color: transparent transparent  
transparent #e29663;  
  border-width: 1em 2em 1em;  
}  
  
.transforms1 li::before {
```



@hj\_chen



# Layout styles (CSS)



```
.transforms2 {  
  transform: rotate(90deg)  
  translateY(-150%);  
  transform-origin: 0% 0%;  
}
```



@hj\_chen



# What happens when you apply a transform?

- establishes a **new local coordinate system** at the element that it is applied to
- does **not** affect the flow of the content surrounding the transformed element
- results in the creation of a **stacking context**







*Super Silly Hackathon by Lim Chee Aun*





# team layout

## writing mode

Specifies the block flow direction, which determines the ordering direction of block-level boxes in a block formatting context

Can make content horizontal or vertical



# CSS Writing Modes

Defines CSS features to support for various international writing modes, such as **left-to-right** (e.g. Latin or Indic), **right-to-left** (e.g. Hebrew or Arabic), **bidirectional** (e.g. mixed Latin and Arabic) and **vertical** (e.g. Asian scripts).





# writing-mode property

|               |          |
|---------------|----------|
| horizontal-tb | 从1987到现在 |
| vertical-rl   | 从1987到现在 |
| vertical-lr   | 从1987到现在 |
| sideways-rl*  | 从1987到现在 |
| sideways-lr*  | 从1987到现在 |

Properties marked with \* have been deferred to Writing Modes Level 4.



## text-orientation property

从1987到现在

*mixed*

从  
1  
9  
8  
7  
到  
现  
在

*upright*

从1987到现在

*sideways*



@hj\_chen



# text-combine-upright property

民國107年6月1日

*none*

民國107年6月1日

*all*

民國107年6月1日

*digits <integer>\**

Codepen example for text-combine-upright



@hj\_chen



# Layout styles (CSS)

This is a pencil  
A CSS only pencil  
Because why not

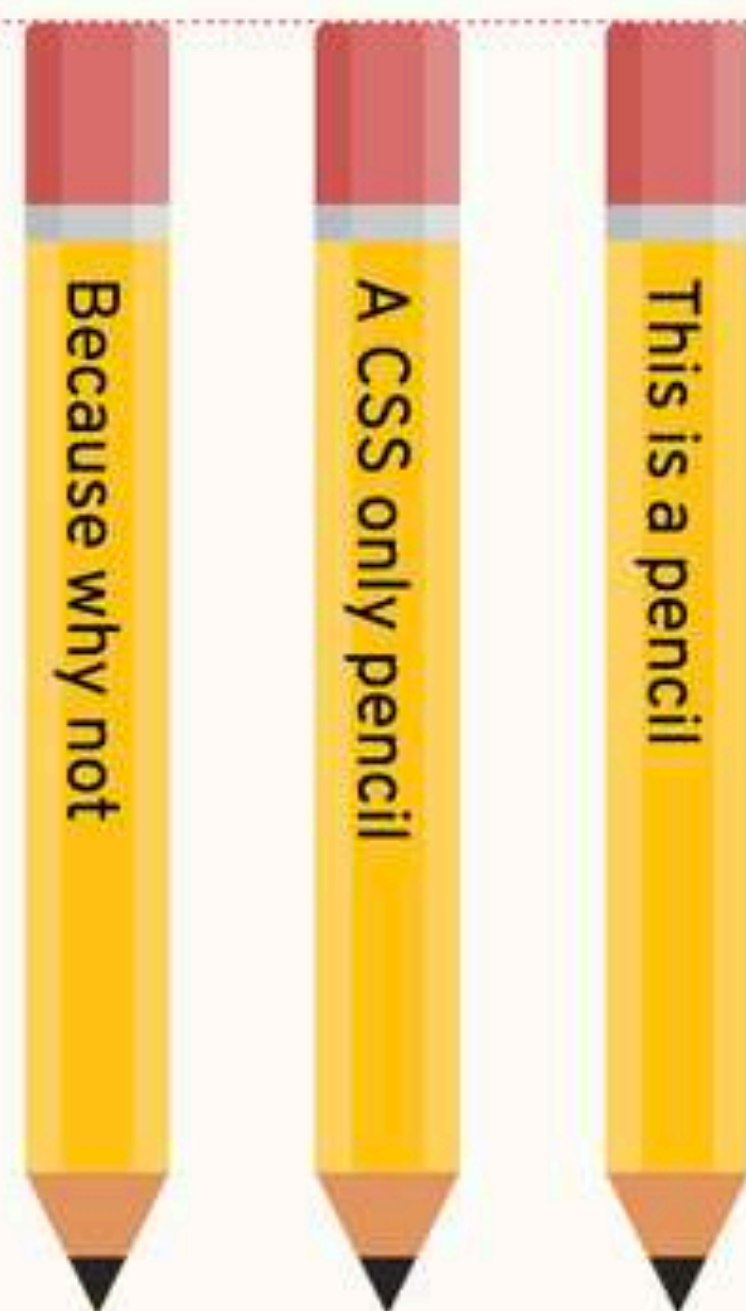
```
.writingmodel {  
  writing-mode: vertical-rl;  
}
```



@hj\_chen



# Visual styles (CSS)



```
.writingmode2 li {  
  margin-left: 1em;  
  display: flex;  
  align-items: start;  
}  
  
.writingmode2 li::after {  
  content: '';  
  display: block;  
  border-style: solid;  
  border-color: #e29663 transparent  
  transparent transparent;
```



## team Layout



Logical properties

## team Layout

### Logical properties

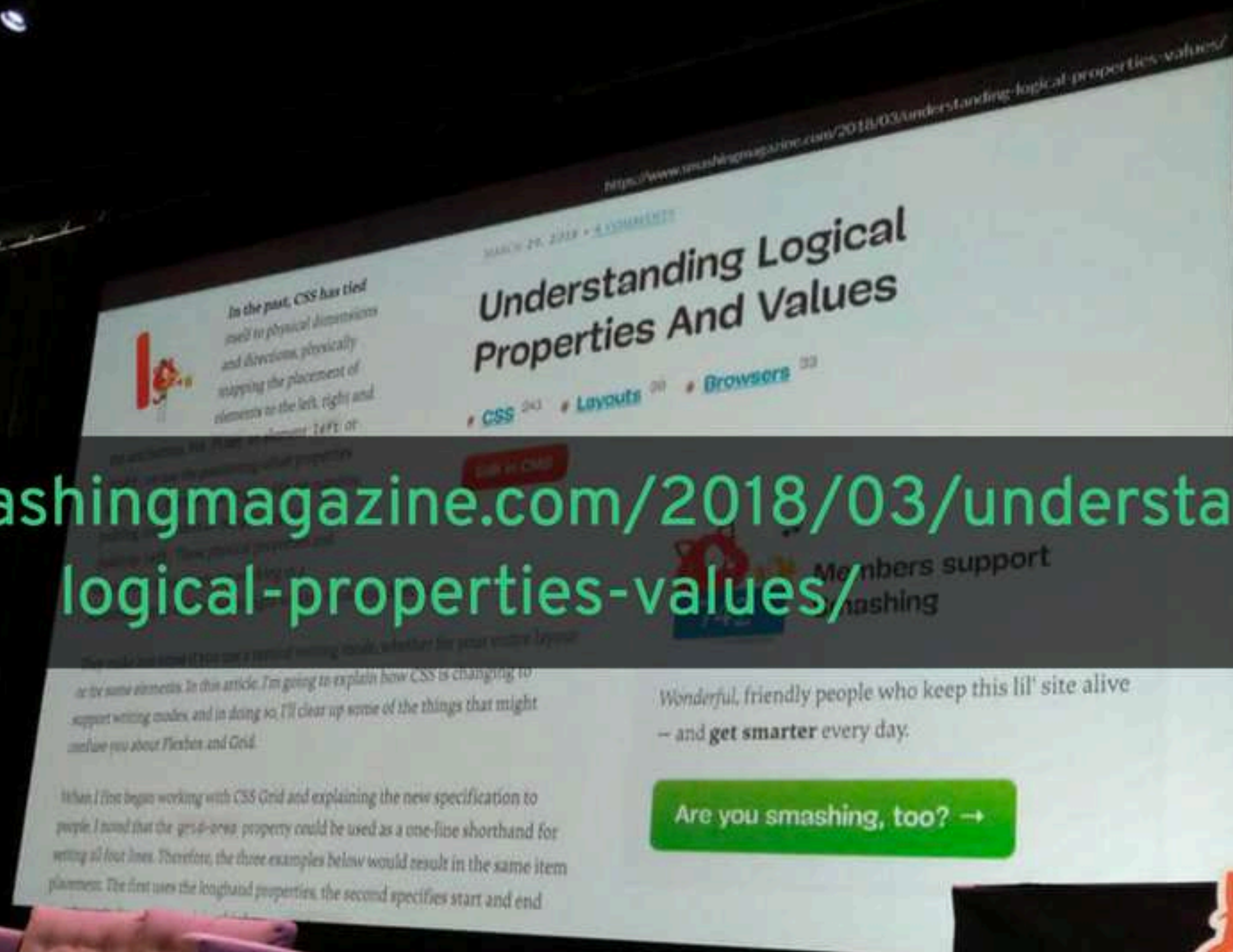
Allows control of layout through logical, rather than physical, direction and dimension mappings

Resolves confusion with left and right when writing-mode changes





<https://www.smashingmagazine.com/2018/03/understanding-logical-properties-values/>



@hj\_chen





# team Layout

## Flexbox

Describes a CSS box model optimized for user interface design

Makes vertical centring a pleasant dream instead of a horrible nightmare



# Moar pencils, please

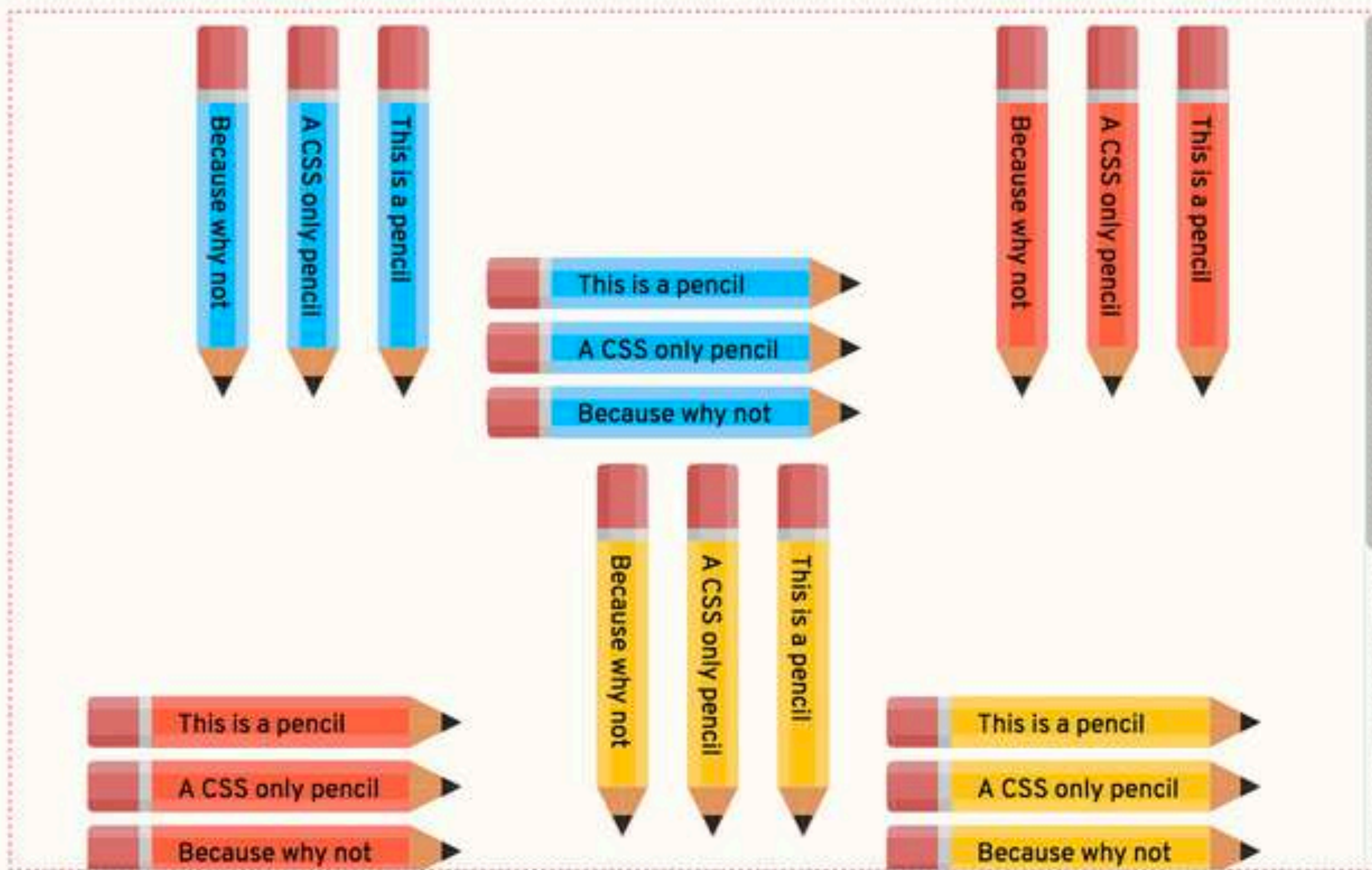
- [illegible]

```
<div>
  <ul>
    <li>
      <p>This is a pencil</p>
    </li>
    <li>
      <p>A CSS only pencil</p>
    </li>
    <li>
      <p>Because why not</p>
    </li>
  </ul>

  <ul>
    <li>
      <p>This is a pencil</p>
    </li>
    <li>
      <p>A CSS only pencil</p>
    </li>
  </ul>
</div>
```



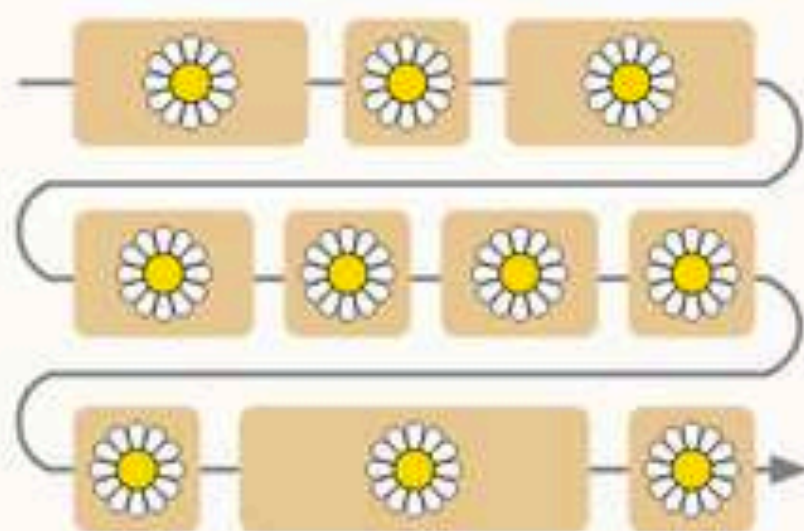
# Mixed writing-modes?



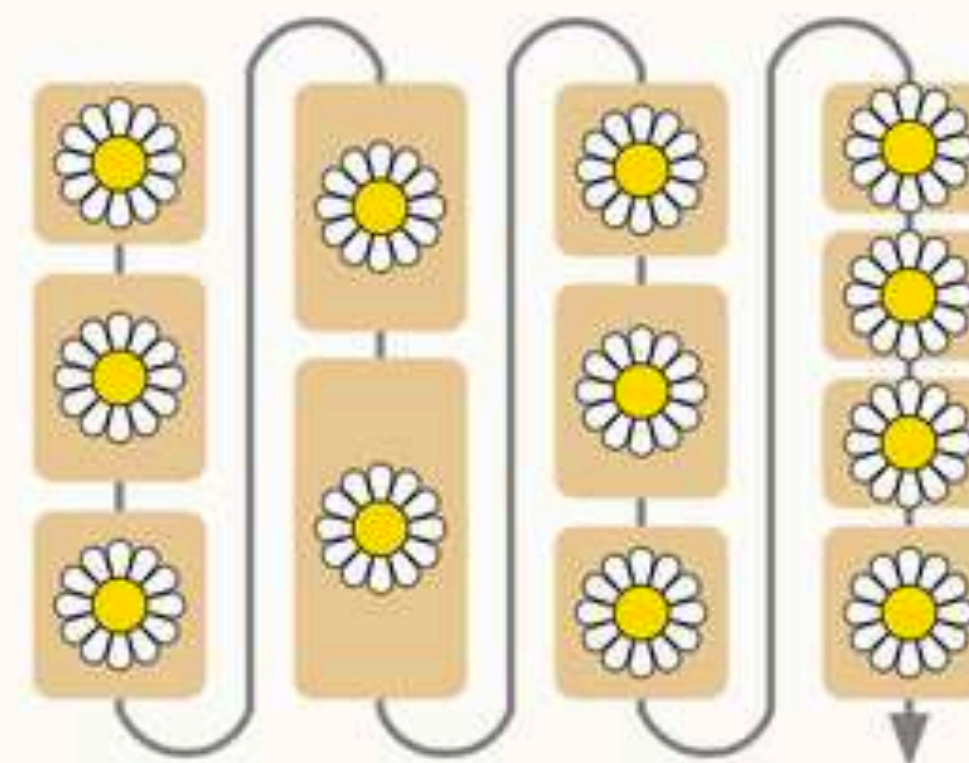
```
.flex1 .vert {  
  writing-mode: vertical-rl;  
}  
  
.flex1 .vert li {  
  display: flex;  
  align-items: start;  
  margin: 0.5em;  
}  
  
.flex1 .vert li::after {  
  content: '';  
  display: block;  
  border-style: solid;  
  border-color: #e29663 transparent transparent
```



# Single dimension daisy chains



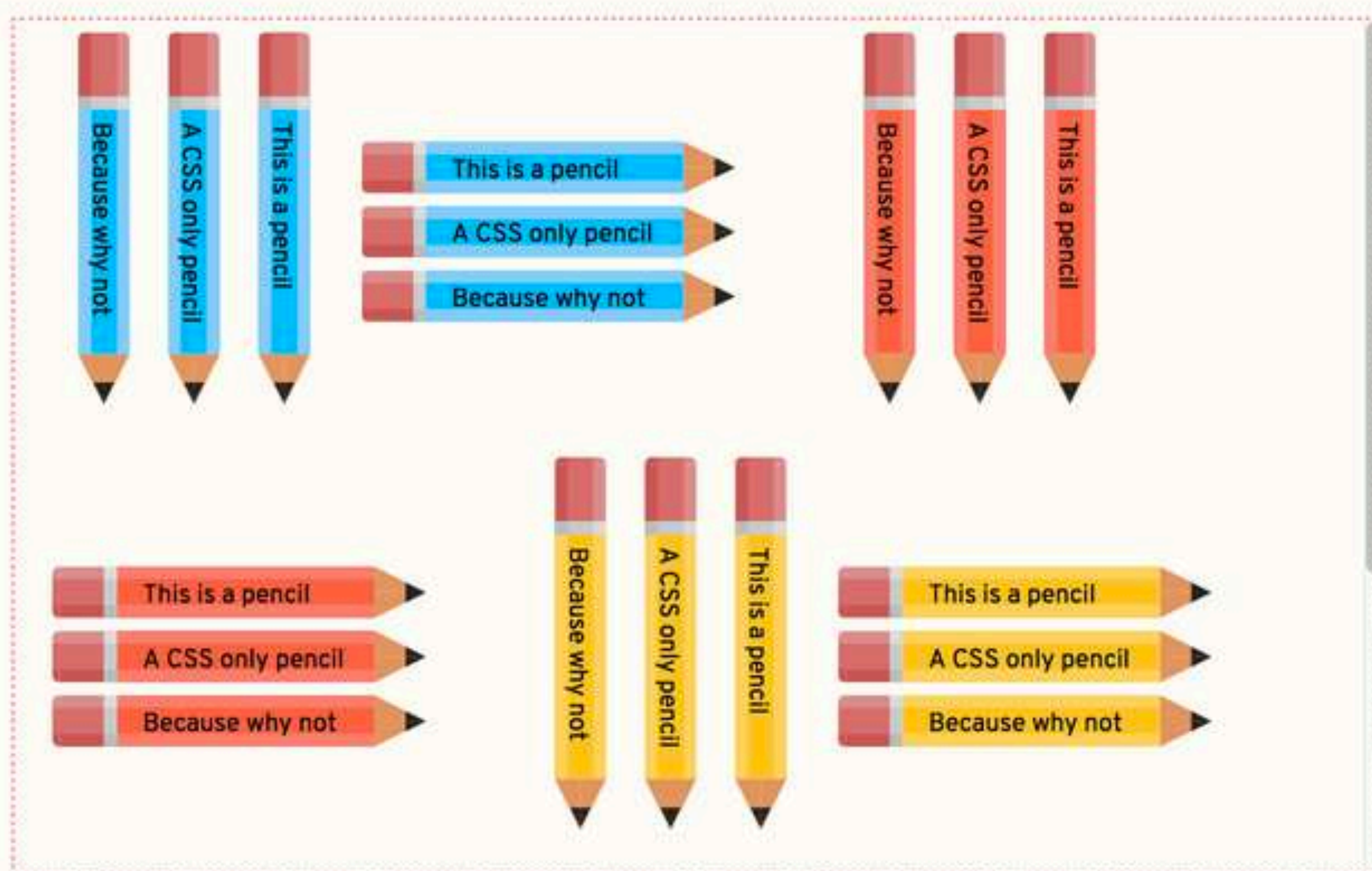
*flex-direction: row*



*flex-direction: column*



# Re-ordering flow



```
.flex2 {  
  display: flex;  
  align-items: center;  
  height: 100%;  
  flex-wrap: wrap;  
  flex-direction: row;  
}
```





CSS Grid

**team  
Layout**



**team  
Layout**

CSS Grid

Defines a two-dimensional grid-based layout system, optimized for user interface design

Makes it possible to do overlap and vertical white-space easily



“Grid works from the **container** in,  
other layout methods start with the **item**”

—Rachel Andrew



@hj\_chen



# Layout technique: `inline-block`

|        |        |        |
|--------|--------|--------|
| Item A | Item B | Item C |
| Item D | Item E | Item F |

```
.inlineblock__item {  
  display: inline-block;  
  width: calc(100% / 3);  
}
```



# Layout technique: float

|        |        |        |
|--------|--------|--------|
| Item A | Item B | Item C |
| Item D | Item E | Item F |

```
.float__item {  
  float: left;  
  width: calc(100% / 3);  
}
```



# Layout technique: flex

|        |        |        |
|--------|--------|--------|
| Item A | Item B | Item C |
| Item D | Item E | Item F |

```
.flexbox {  
  display: flex;  
  flex-wrap: wrap;  
}  
  
.flexbox__item {  
  flex: 0 0 calc(100% / 3);  
}
```



# Established relationship between rows and columns

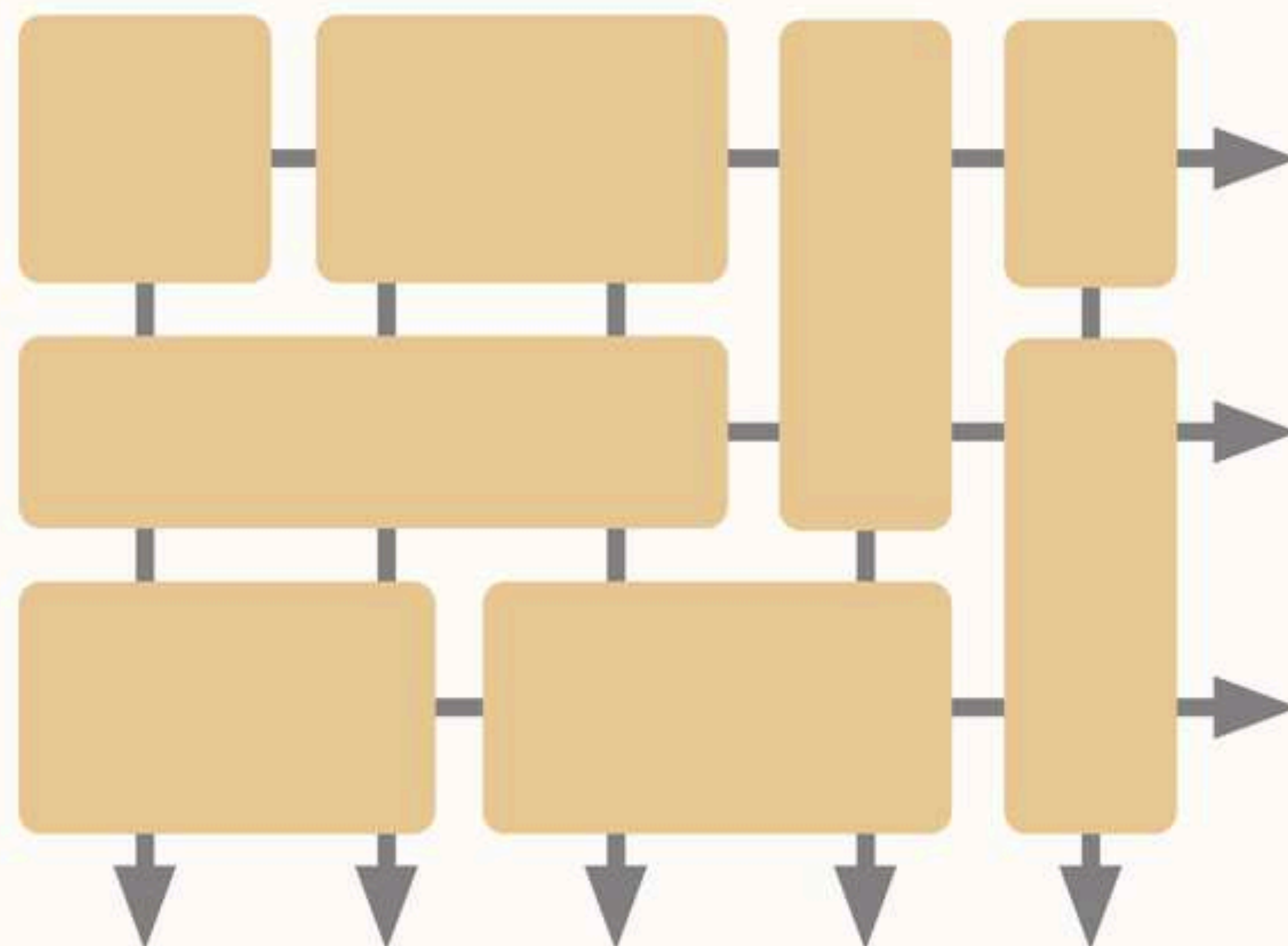
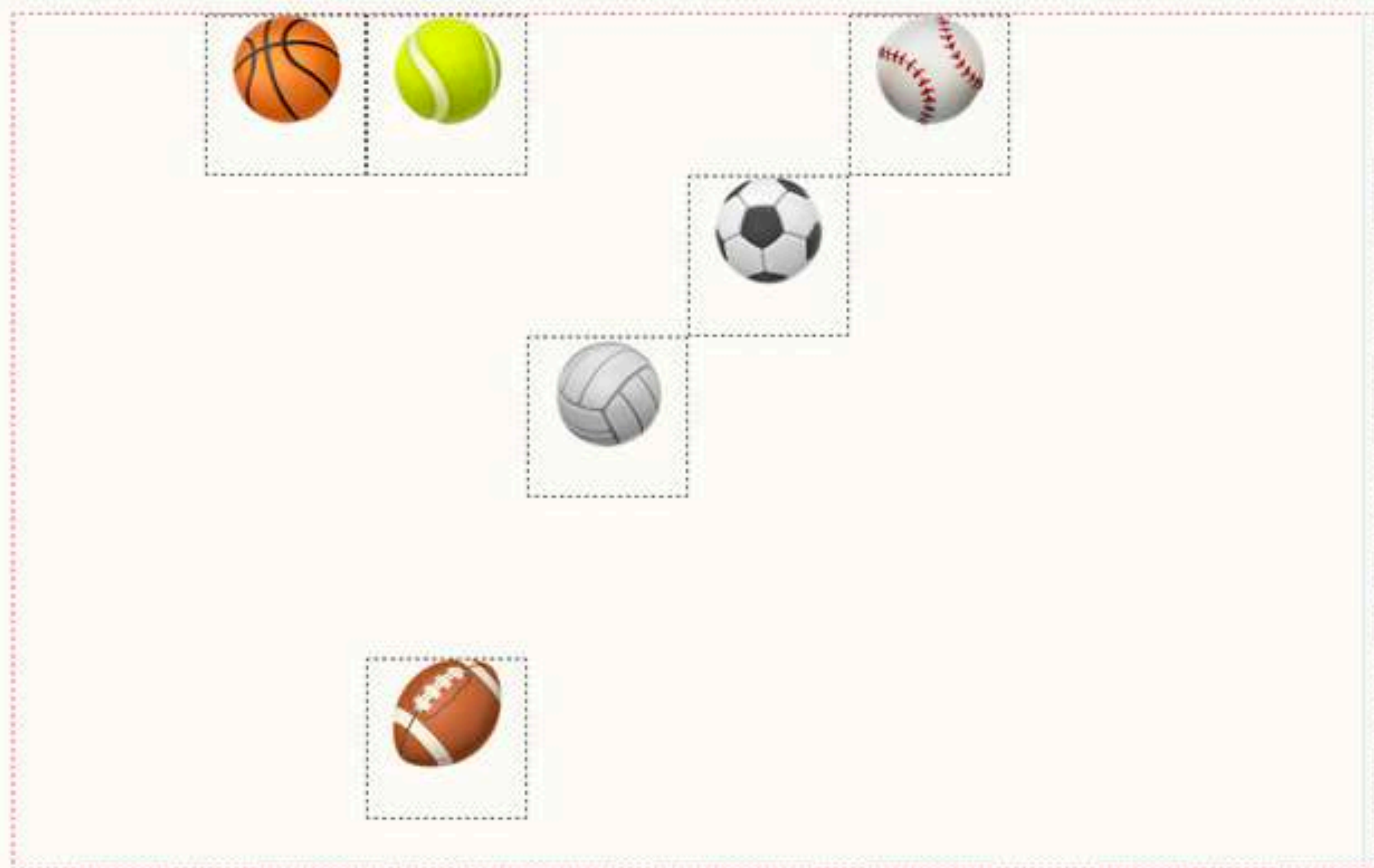


Diagram inspired by **Brenda Storer's** *Using CSS in the real world* talk.

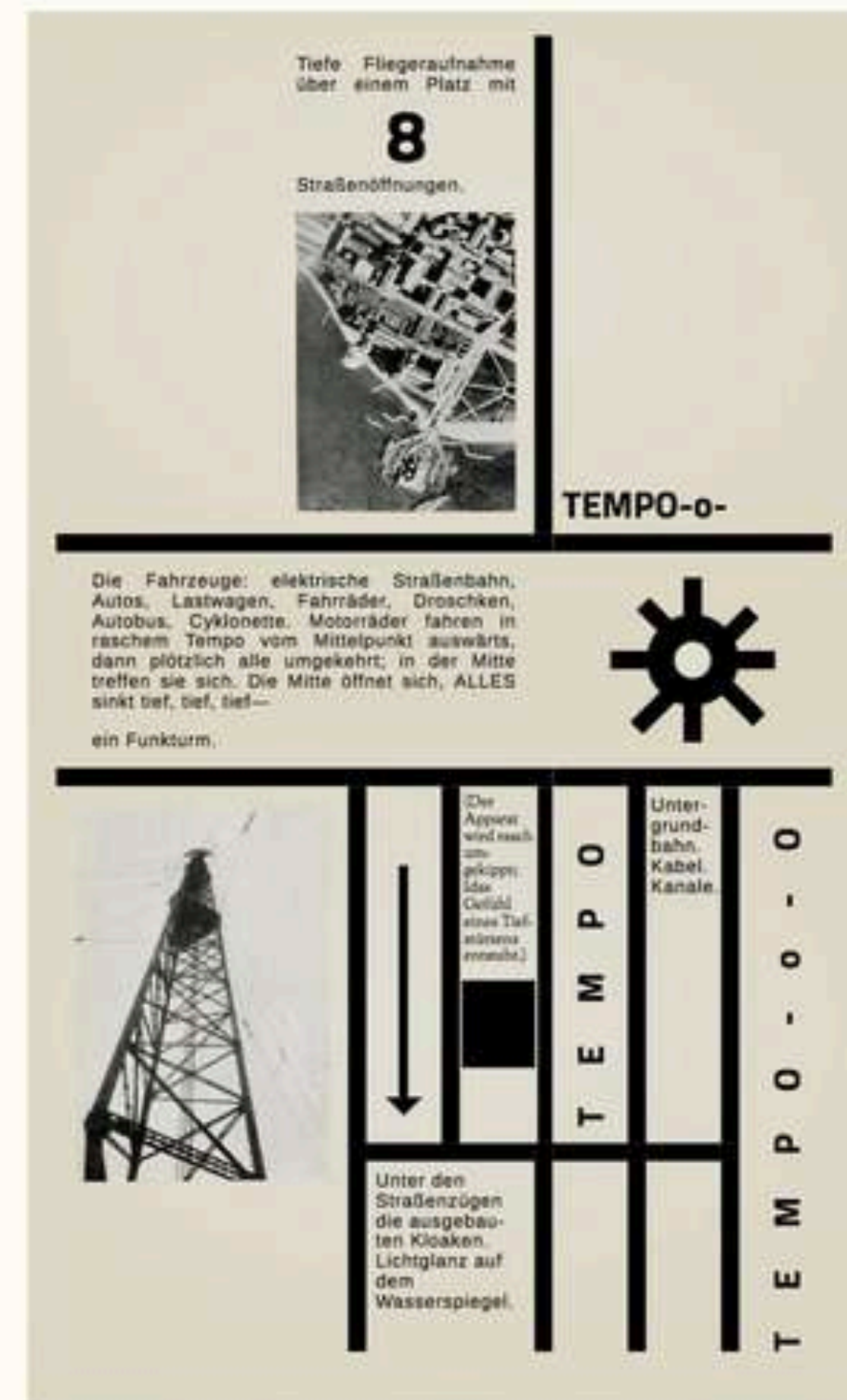
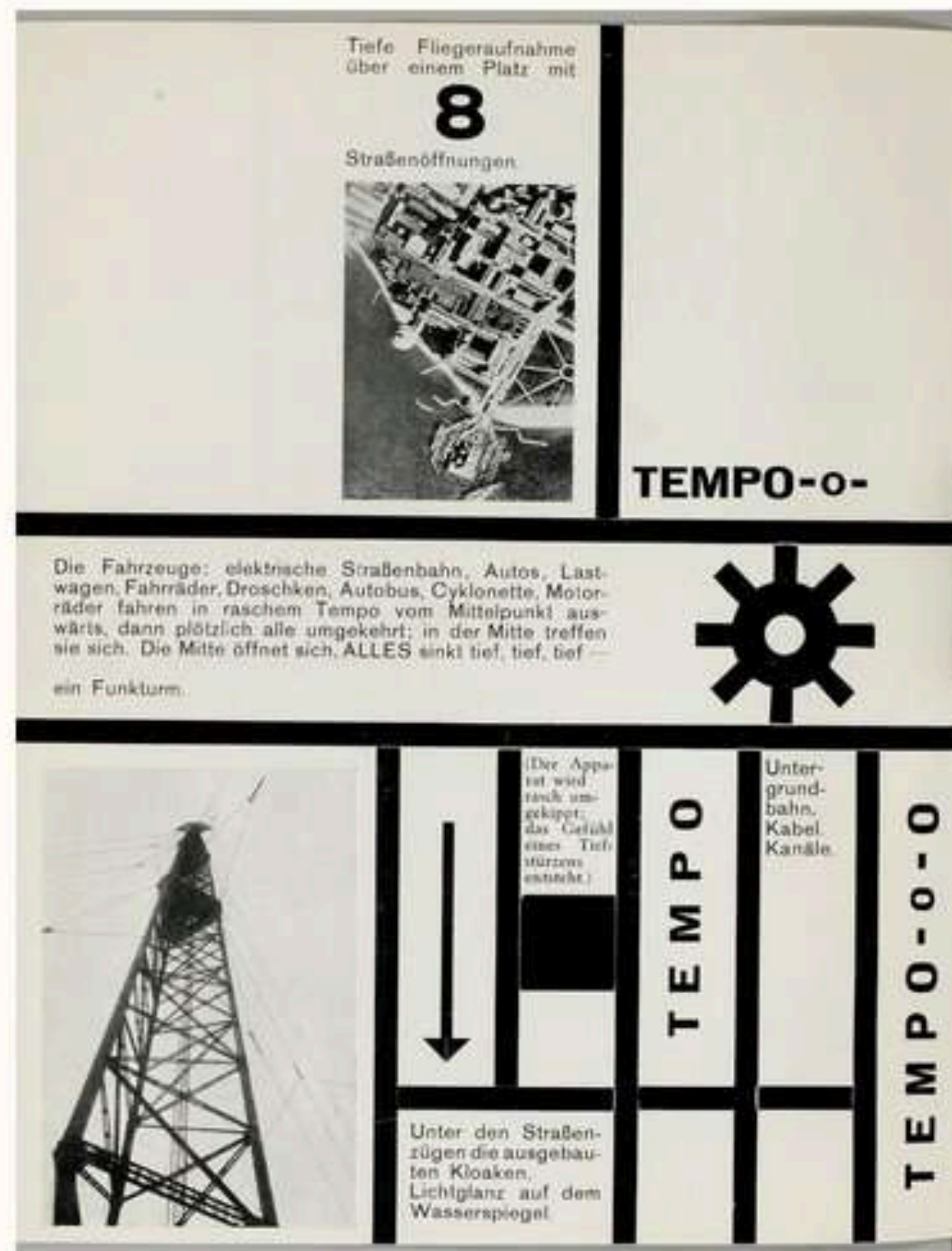


# Using grid-column and grid-row



```
.placement {  
  display: grid;  
  grid-template-columns: repeat(6,  
2.5em);  
  grid-template-rows: repeat(6,  
2.5em);  
}  
  
.placement__item:nth-child(1) {  
  grid-column: 4;  
  grid-row: 2;  
}
```





Original image from Moholy-Nagy, Malerei, Fotografie, Film



# Bauhaus in the browser

Featuring...

- Grid
- Flexbox
- Writing mode
- Transforms
- Box alignment

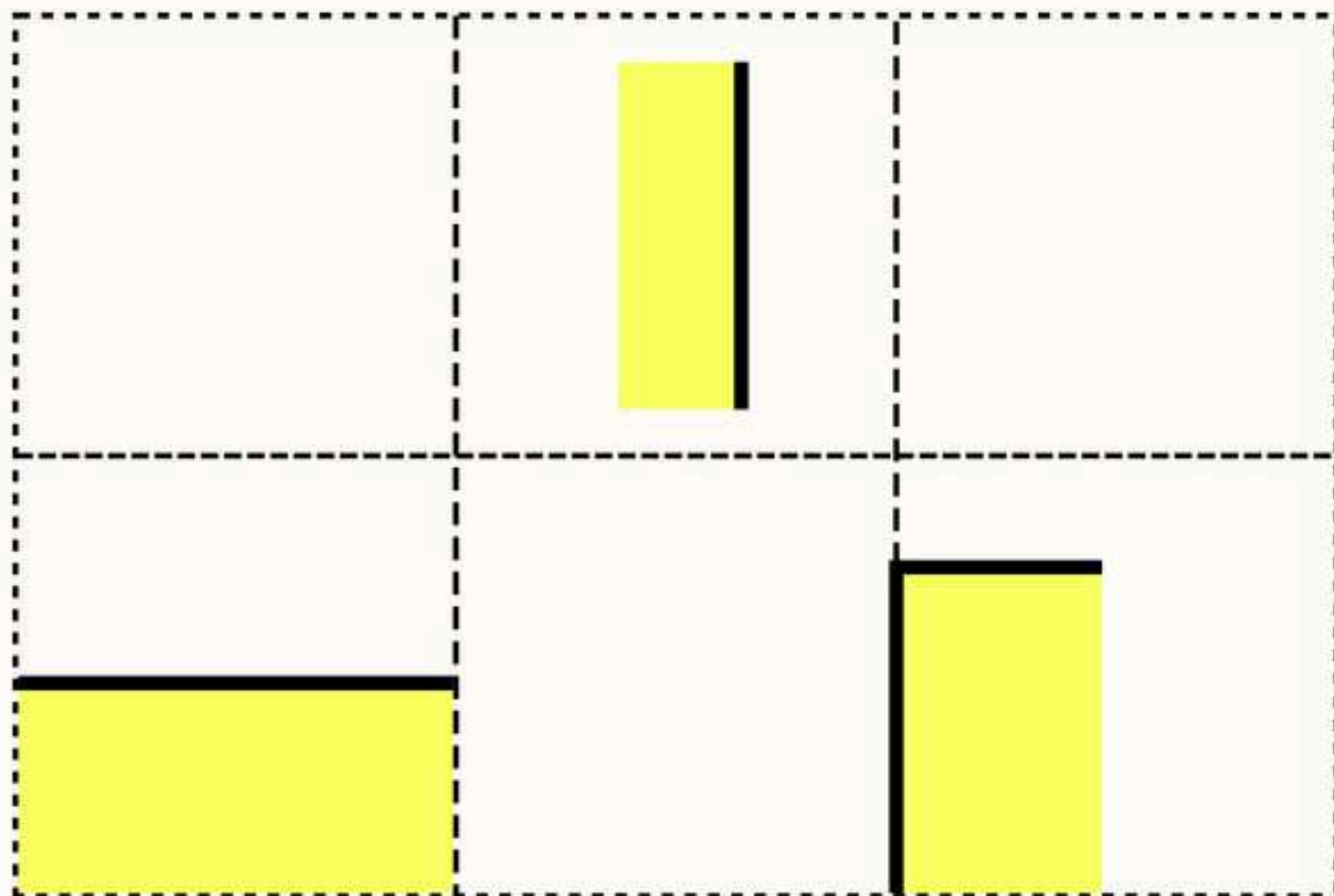
<https://codepen.io/huijing/pen/PpqomV> | Full page demo

```
.grid {  
  display: grid;  
  grid-template-columns: 30% 9% 9% 9% 9%;  
  justify-content: center;  
}  
  
.grid__item:nth-child(1) {  
  grid-column: span 3;  
  justify-self: end;  
  border-right: 1em solid;  
  padding: 1em;  
  text-align: justify;  
  text-align-last: justify;  
  
  display: flex;  
  justify-content: flex-end;  
  align-items: center;  
  
  .content {
```

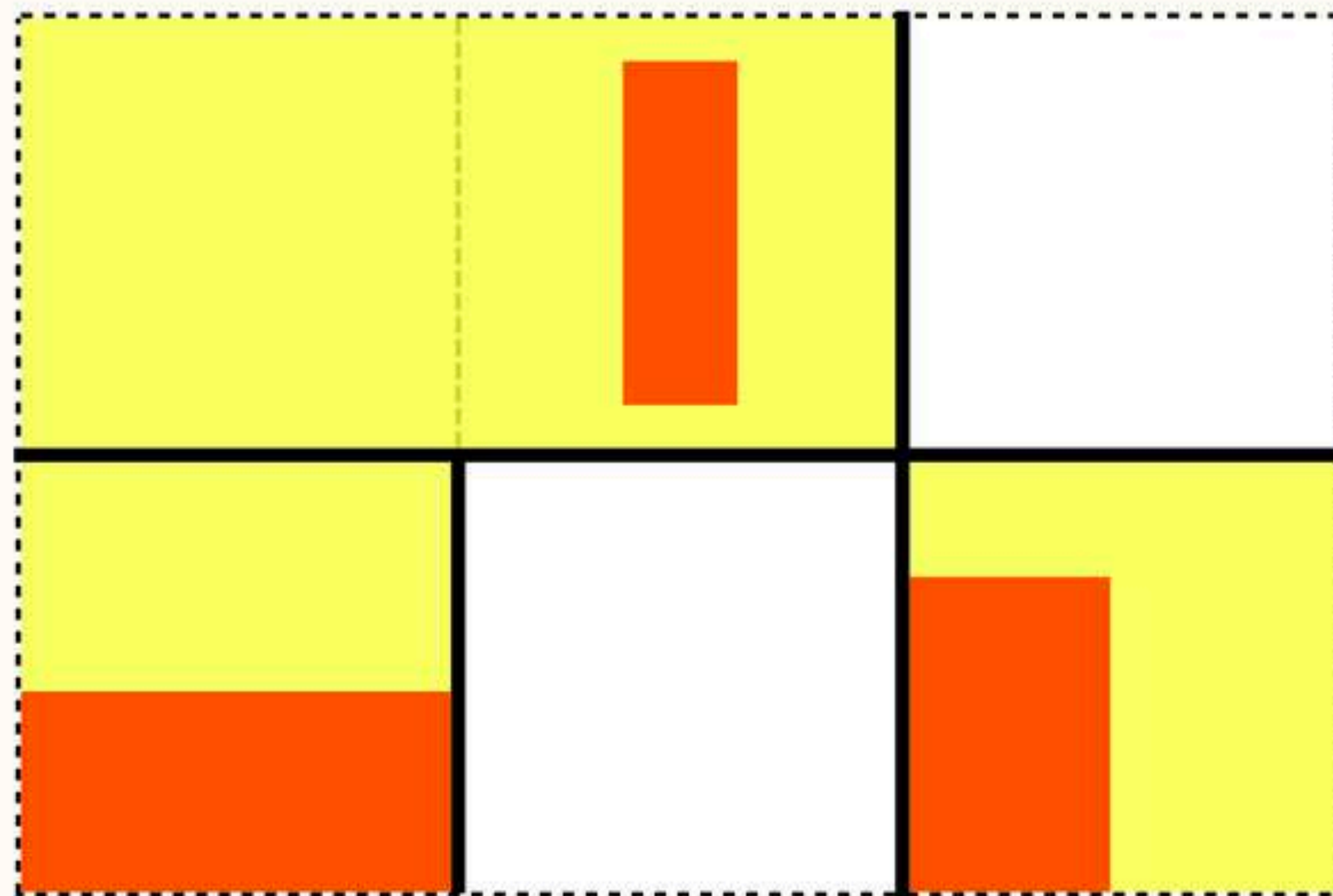


@hj\_chen



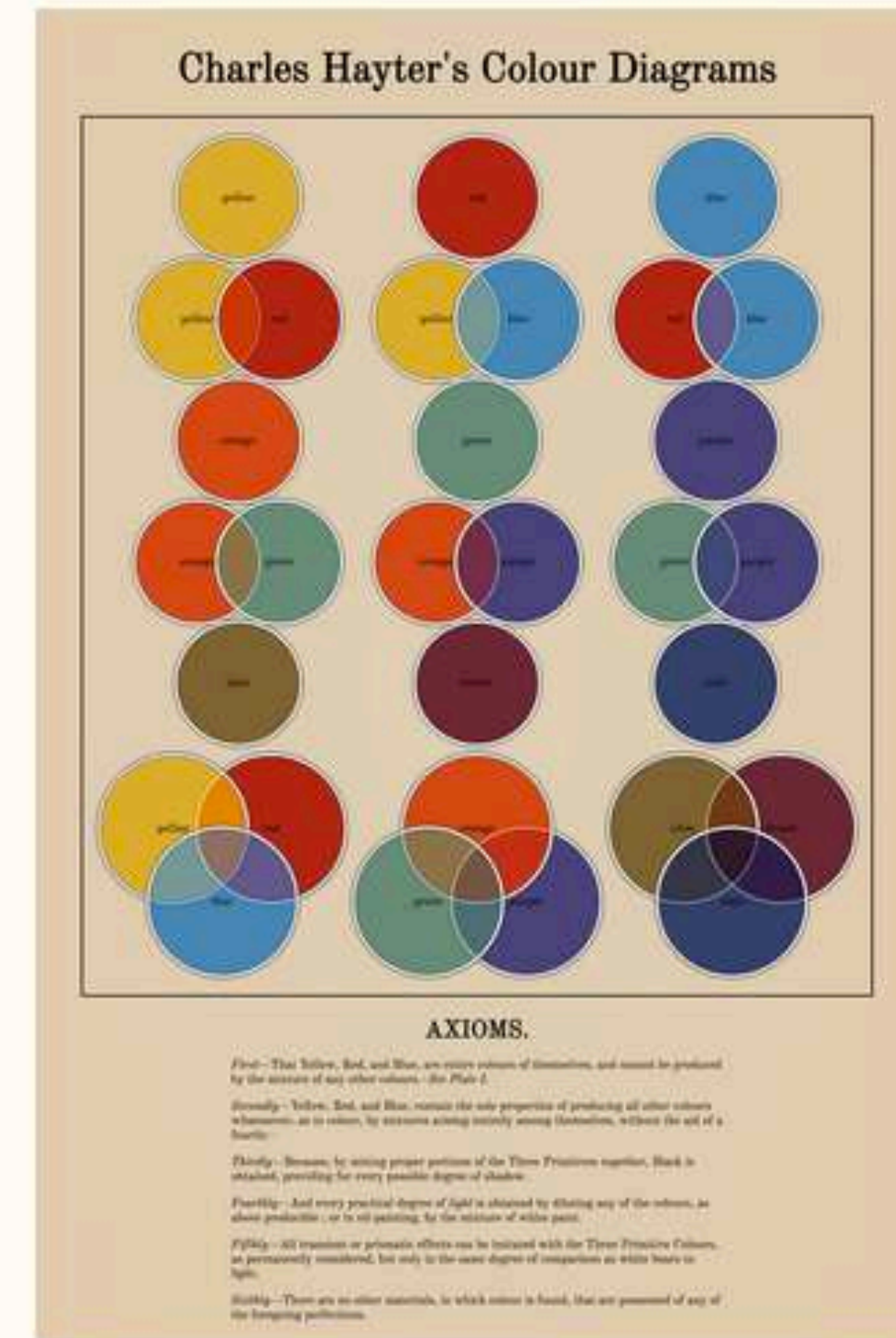
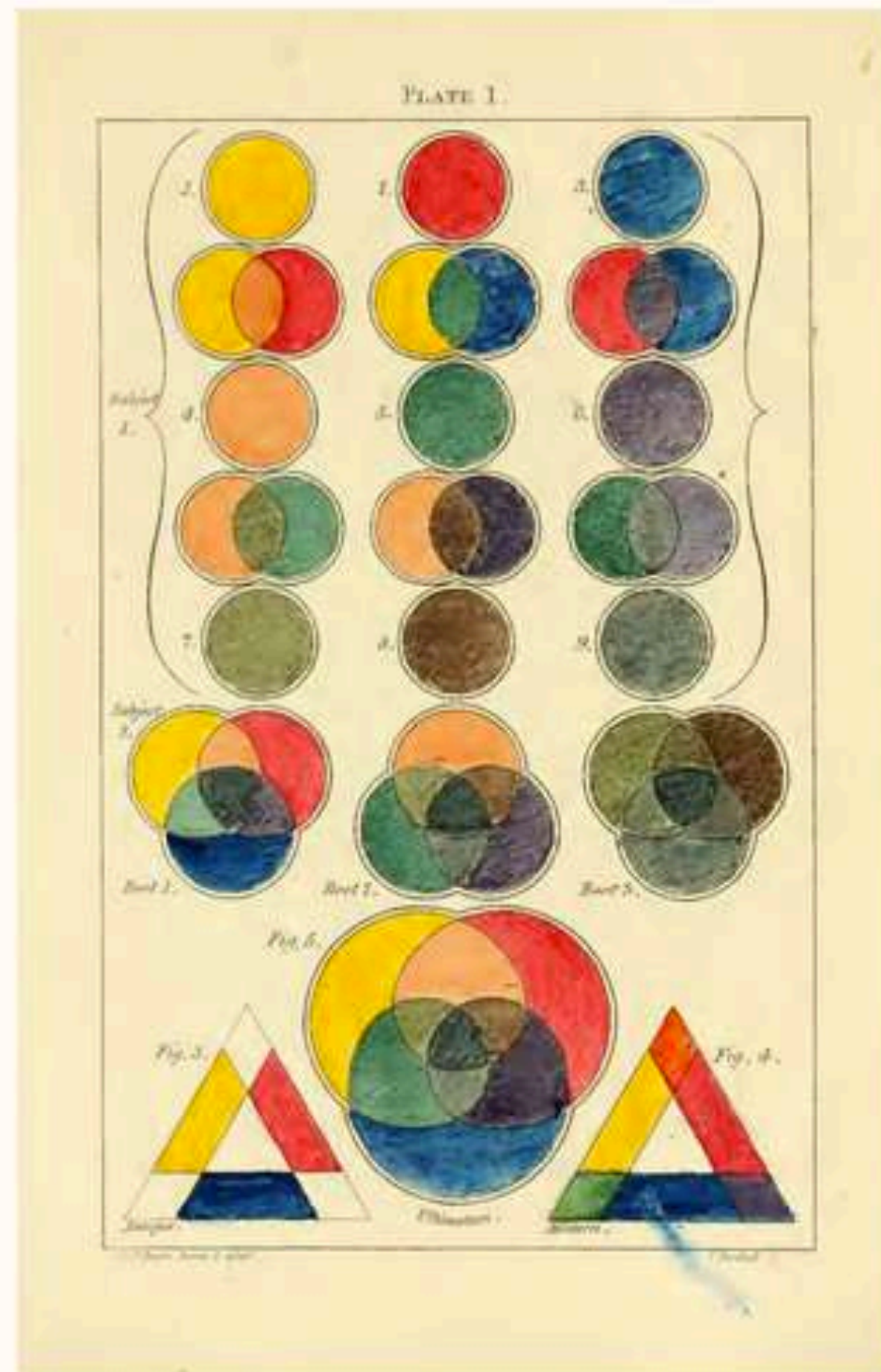


*These are not the borders you are looking for*



*That's more like it*





Original image by Charles Hayter



# Colour theory with blend-modes

Featuring...

- Grid
- Box alignment
- Blend modes
- Box shadow

<https://codepen.io/huijing/pen/gmOERN> | Full page demo

```
.grid1 {  
  display: grid;  
  grid-template-columns: repeat(3, 2vw 5vw);  
  grid-auto-rows: 15vw;  
  grid-gap: 0.1vw;  
  justify-content: center;  
  
  margin-bottom: 1em;  
}  
  
.grid__item {  
  border-radius: 50%;  
  border: 0.1vw solid;  
  box-shadow: 0px 0px 0px 0.4vw white, 0px 0px 0px 0.4vw white;  
  
  display: flex;  
  align-items: center;  
  justify-content: center;  
}
```

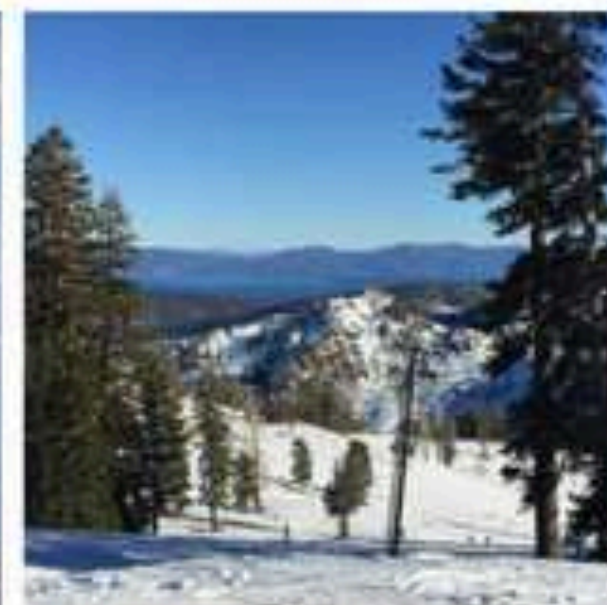
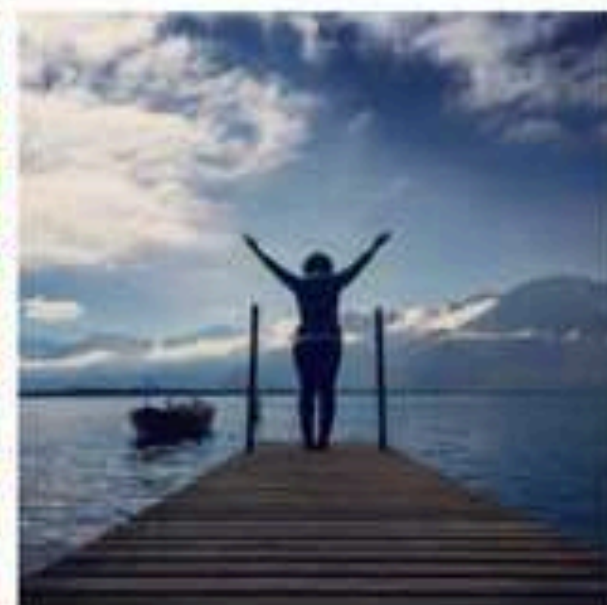
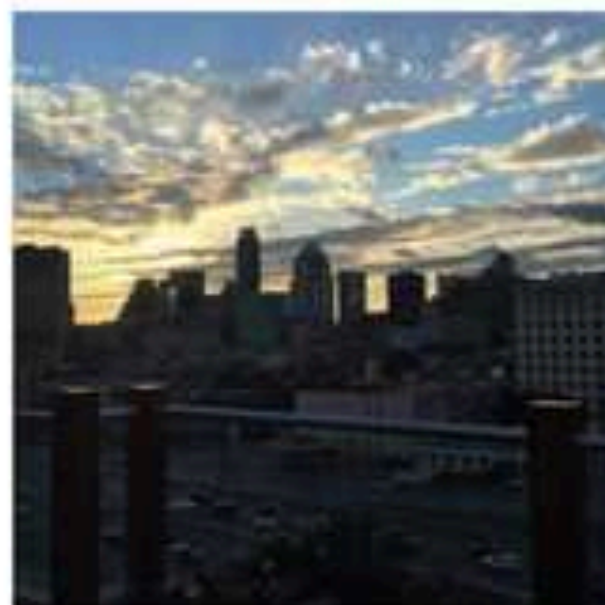




# CSSgram

A tiny (<1kb gzipped!) library for recreating Instagram filters with CSS filters and blend modes.

Choose a sample image:



Take a photo!

Or paste in a link to your own photo:

img/atx.jpg



# Say yes to dynamic layouts

## Braun HiFi studio Anlagen

Als HiFi Spitzengeräte auf dem Weltmarkt erreichen Braun studio Anlagen das höchste Ziel: Musik so zu übertragen, wie sie wirklich ist.

Um diese so selbstverständlich scheinende Aufgabe in ihrer vollen Konsequenz zu lösen, bedurfte es jahrelanger Forschung, strengster Auswahl modernster elektronischer Bauelemente und Anwendung neuartiger Konstruktionen.

Braun studio Anlagen bestehen aus HiFi Komponenten, die man je nach Anspruch und Raumgröße individuell zusammenstellen kann. Jeder Baustein paßt zum anderen, technisch und formal.

BRAUN



## Braun HiFi studio Anlagen

Als HiFi Spitzengeräte auf dem Weltmarkt erreichen Braun studio Anlagen das höchste Ziel: Musik so zu übertragen, wie sie wirklich ist.

Um diese so selbstverständlich scheinende Aufgabe in ihrer vollen Konsequenz zu lösen, bedurfte es jahrelanger Forschung, strengster Auswahl modernster elektronischer Bauelemente und Anwendung neuartiger Konstruktionen.

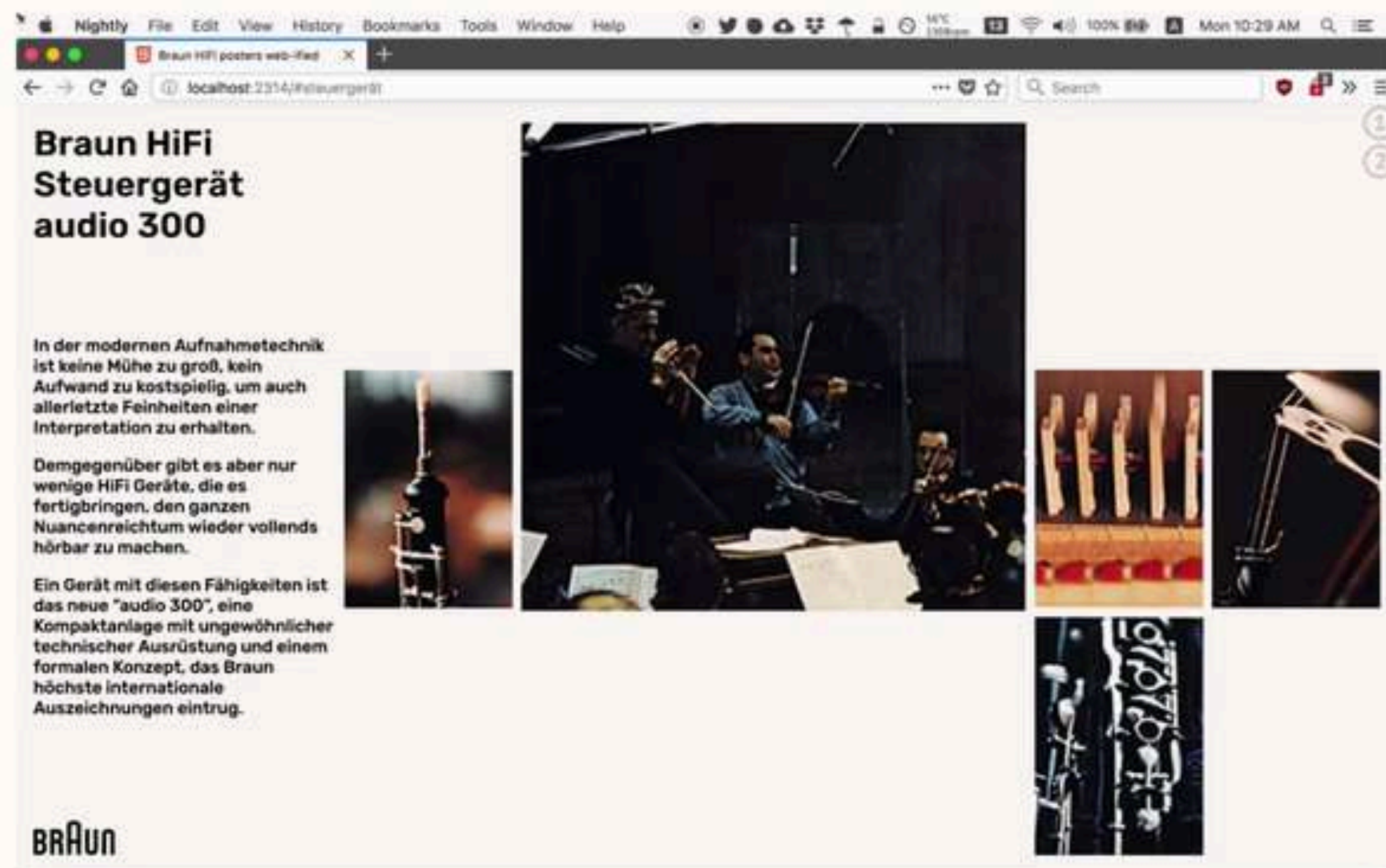
Braun studio Anlagen bestehen aus HiFi Komponenten, die man je nach Anspruch und Raumgröße individuell zusammenstellen kann. Jeder Baustein paßt zum anderen, technisch und formal.

BRAUN



Original image by Wolfgang Schmittel





<https://codepen.io/huijing/pen/xPEjWb>  
Full page demo

```
main {
  display: grid;
  grid-gap: 0.5em;
  grid-template-columns: calc((100vw - 3em) / 3);
  grid-template-areas: "title title title"
    "text text text"
    "key key key"
    "detail1 detail2 detail3";
}

@media screen and (min-aspect-ratio: 1/1) {
  main {
    grid-template-columns: 18.75em 1fr 1fr;
    grid-template-rows: calc((100vh - 3em) / 3);
    height: calc(100vh - 2em);
    grid-template-areas: "title key key key"
      "text key key key"
      "text detail1 detail2 detail3";
  }
}
```



@hj\_chen



Viewport Units

**team  
Layout**



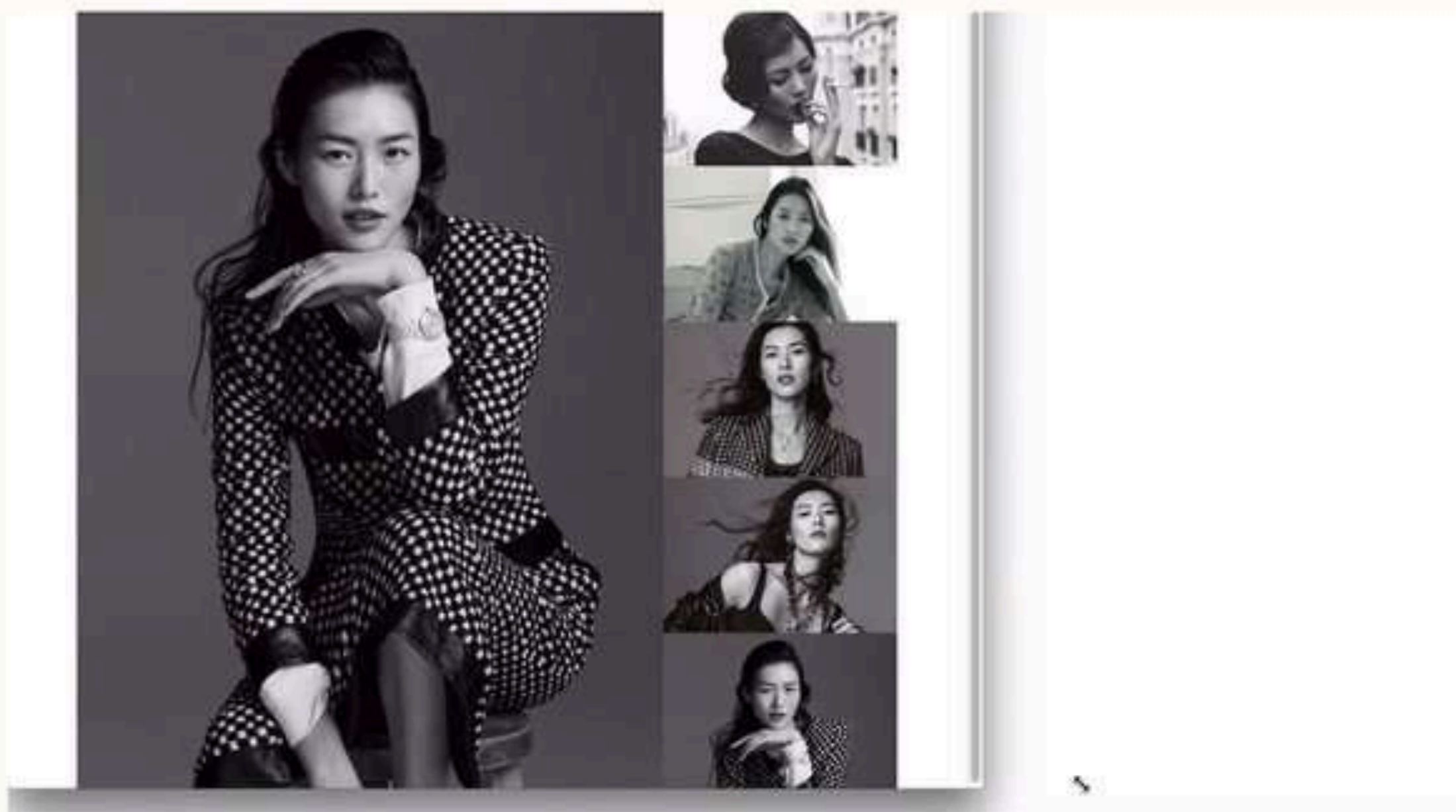
**team  
Layout**

Viewport Units

Allows elements to be sized relative to the initial containing block, and scaled accordingly

Provides CSS length values that truly embrace the nature of the web



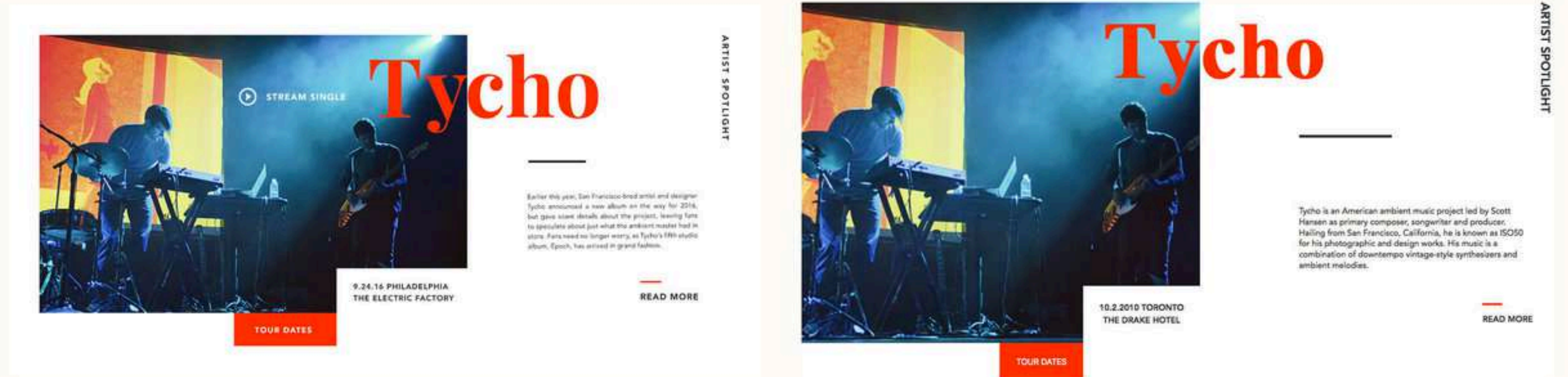


<https://codepen.io/huijing/pen/GvNLJm>  
Full page demo

```
.thumbnails {  
  display: flex;  
  flex-direction: column;  
  line-height: 0;  
  
  li {  
    flex: auto;  
  }  
  
  a {  
    display: block;  
  }  
  
  img {  
    width: 30vmin;  
    height: 20vmin;  
    object-fit: cover;  
    object-position: top;  
  }  
}
```

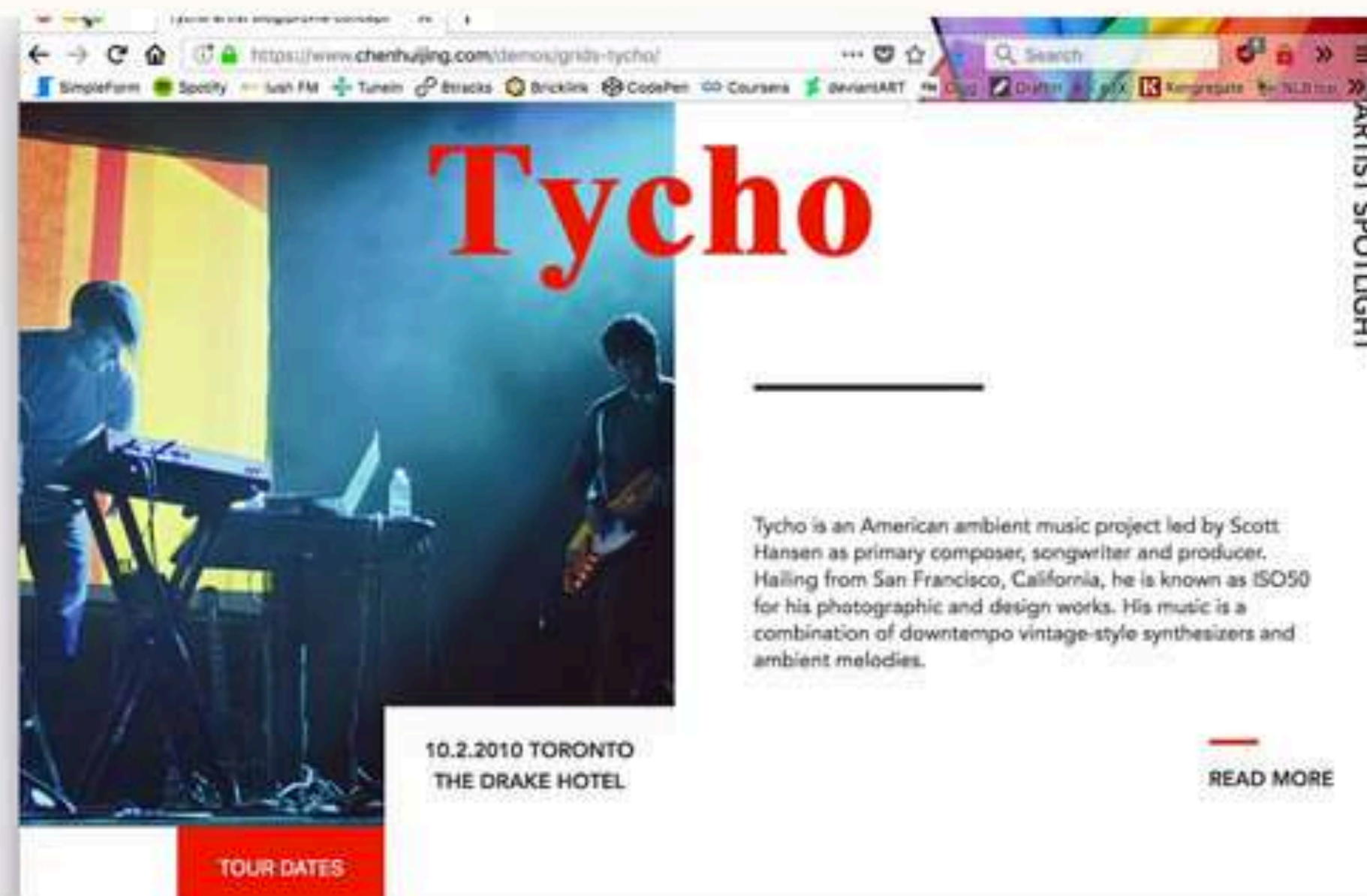


# Art direction for the web



Original design by **Drew Sullivan**





<https://codepen.io/huijing/pen/QQGBjY>  
Full page demo

```
@media (min-width: 42em) and (min-height: 200vh) {
  main {
    max-width: none;
    padding: 0;
    display: grid;
    grid-template-columns: 2fr minmax(10em, 15em);
    grid-template-rows: 35vh 40vh 15vh 10vh;
  }

  h1 {
    grid-column: 3 / 6;
    grid-row: 1 / 2;
    z-index: 2;
    padding-left: 0.25em;
    margin-bottom: initial;
  }

  h2 {
    grid-row: 1 / -1;
  }
}
```





# CSS Shapes browser support

CSS Shapes Level 1 

Allows geometric shapes to be set in CSS to define an area for text to flow around. Includes properties `shape-outside`, `shape-margin` and `shape-image-threshold`

| IE | Edge | Firefox                                                                               | Chrome | Safari | iOS Safari | Opera Mini | Chrome for Android | Android Browser | Samsung Internet |
|----|------|---------------------------------------------------------------------------------------|--------|--------|------------|------------|--------------------|-----------------|------------------|
| 9  | 15   | 59  | 66     | 10.1   | 10.3       |            |                    | 4.4             | 5                |
| 10 | 16   | 60  | 67     | 11     | 11.2       |            |                    | 4.4.4           | 6.2              |
| 11 | 17   | 61  | 68     | 11.1   | 11.4       | all        | 67                 | 67              | 7.2              |
|    | 18   | 62                                                                                    | 69     | 12     | 12         |            |                    |                 |                  |

  Partial Support  Behind a Flag

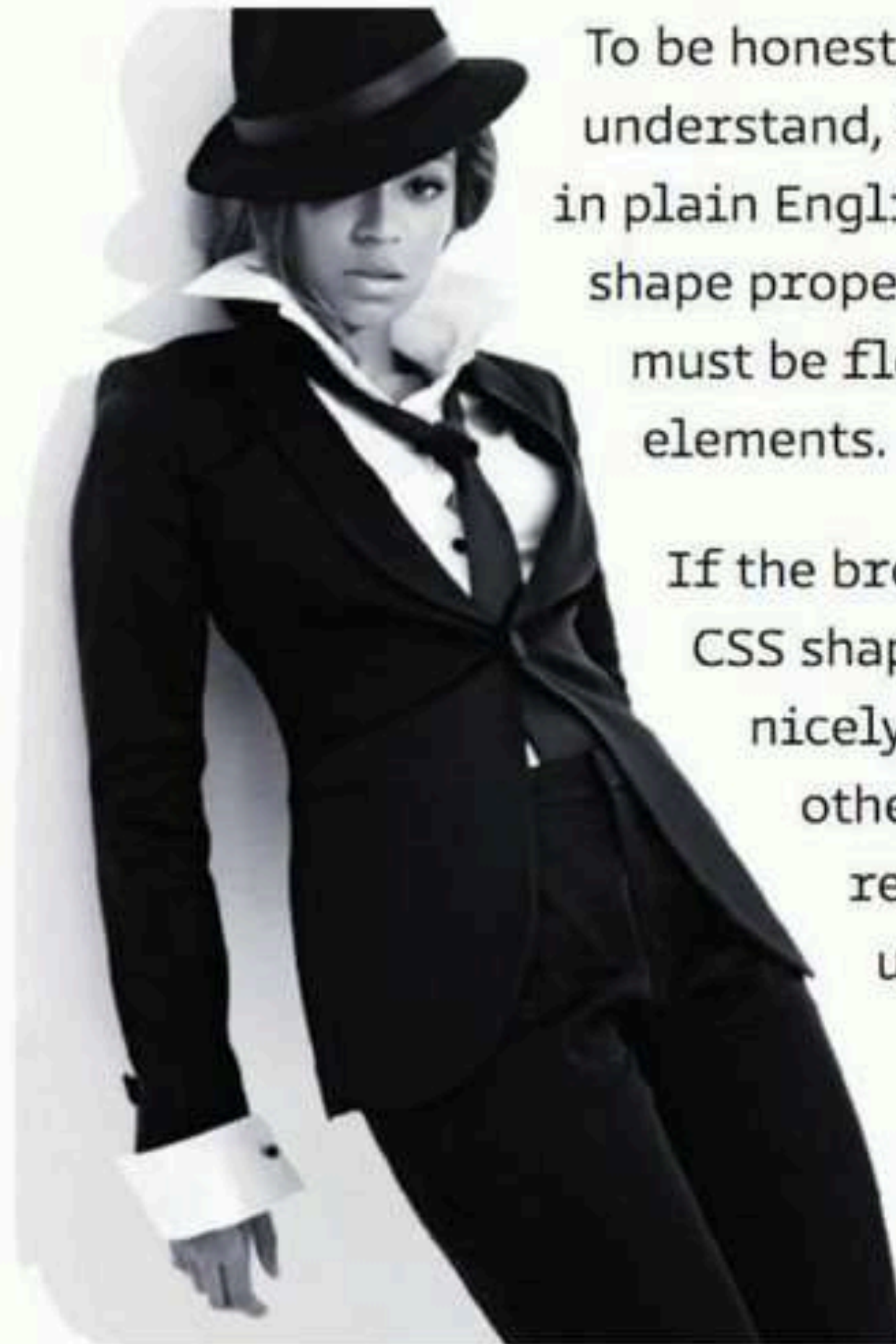
Global: 81.33%  0% = 81.33%

Data from caniuse.com | Embed from caniuse.bioofcode [Enable accessible colours](#)

Creating Non-Rectangular Layouts With CSS Shapes by Sara Soueidan



out the cool demo the team built, based on [Alice in Wonderland](#), to showcase CSS shapes' capabilities. Point is, with CSS shapes, it's totally possible to have text wrap around Beyoncé's elbow.



To be honest, the W3C spec is not that easy to understand, so here's my attempt at explaining it in plain English. A prerequisite for applying a CSS shape property to an element is that the element must be floated. It doesn't work on non-floated elements.

If the browser you're using right now supports CSS shapes, you should see text wrapping nicely around the image of Beyoncé, otherwise you'll just see the standard rectangular column of text. (Hint: Try using Chrome or Safari)

There are 4 basic shape functions you can use to define an element's shape, in other words, how you want the text to flow around your element. In addition to that, you can also extract a shape from images with an alpha channel.



# CSS clip-path browser support

CSS clip-path property (for HTML) [↗](#)  
Method of defining the visible region of an HTML element using SVG or a shape definition.

| IE | Edge | Firefox | Chrome | Safari | iOS Safari | Opera Mini | Chrome for Android | Android Browser | Samsung Internet |
|----|------|---------|--------|--------|------------|------------|--------------------|-----------------|------------------|
| 9  | 15   | 59      | 66     | 10.1   | 10.3       |            |                    | 4.4             | 5                |
| 10 | 16   | 60      | 67     | 11     | 11.2       |            |                    | 4.4.4           | 6.2              |
| 11 | 17   | 61      | 68     | 11.1   | 11.4       | all        | 67                 | 67              | 7.2              |
|    | 18   | 62      | 69     | 12     | 12         |            |                    |                 |                  |

✓ ✗ Partial Support Prefixed

Global: 3.96% + 83.86% = 87.82%

Data from caniuse.com | Embed from caniuse.bisiofco.de [Enable accessible colours](#)

## Masking vs. Clipping: When to Use Each by Sarah Drasner



SVG Masking clip-path Experiment.  
Move your mouse/finger over the image.

[@pixelio.me](#)



[VIEW RESOURCES](#)

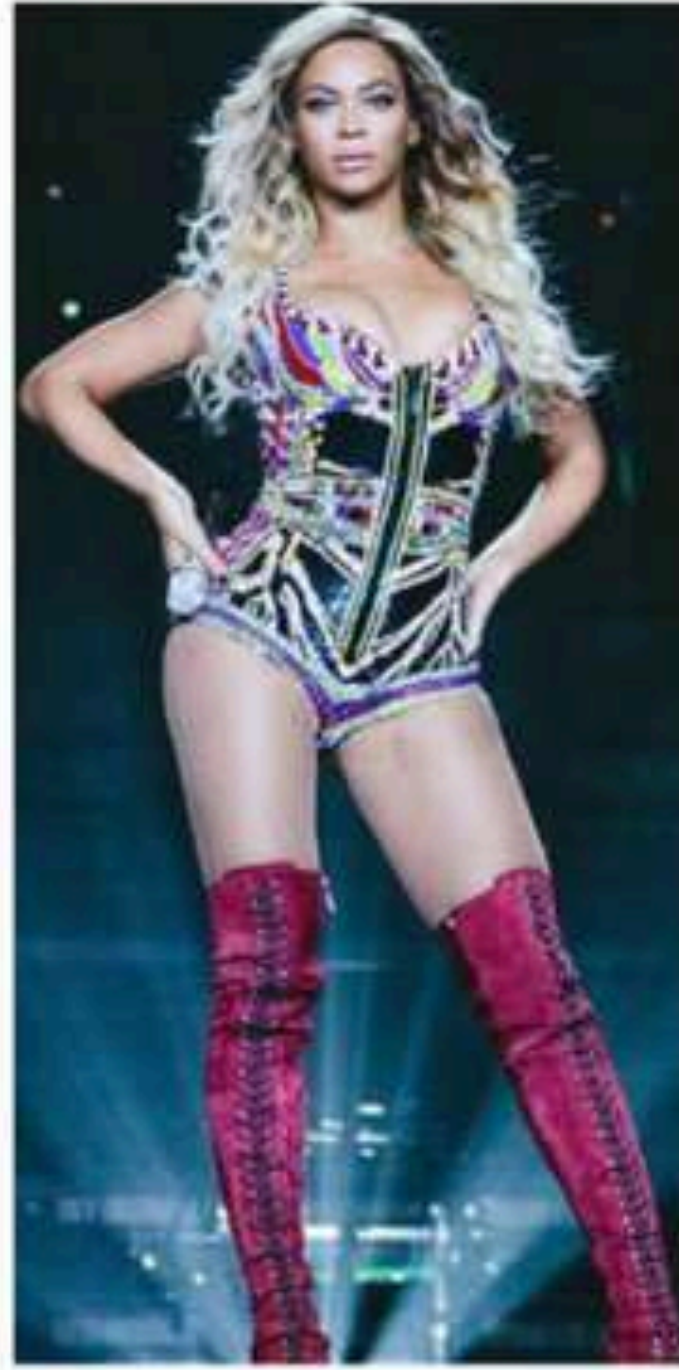
1×

0.5×

0.25×

RERUN







# CSS Exclusions browser support

## CSS Exclusions Level 1 [↗](#)

Exclusions defines how inline content flows around elements. It extends the content wrapping ability of floats to any block-level element.

| IE | Edge | Firefox | Chrome | Safari | iOS Safari | Opera Mini | Chrome for Android | Android Browser | Samsung Internet |
|----|------|---------|--------|--------|------------|------------|--------------------|-----------------|------------------|
| 9  | 15   | 59      | 66     | 10.1   | 10.3       |            |                    | 4.4             | 5                |
| 10 | 16   | 60      | 67     | 11     | 11.2       |            |                    | 4.4.4           | 6.2              |
| 11 | 17   | 61      | 68     | 11.1   | 11.4       | all        | 67                 | 67              | 7.2              |
|    | 18   | 62      | 69     | 12     | 12         |            |                    |                 |                  |

✓ Partial Support Prefixed

Global: 4.74% + 0% = 4.74%

Data from caniuse.com | Embed from caniuse.bisiofco.de

[Enable accessible colours](#)



**team  
Layout**



**Feature queries**

# team Layout

## Feature queries

Tests whether the user agent supports CSS property:value pairs

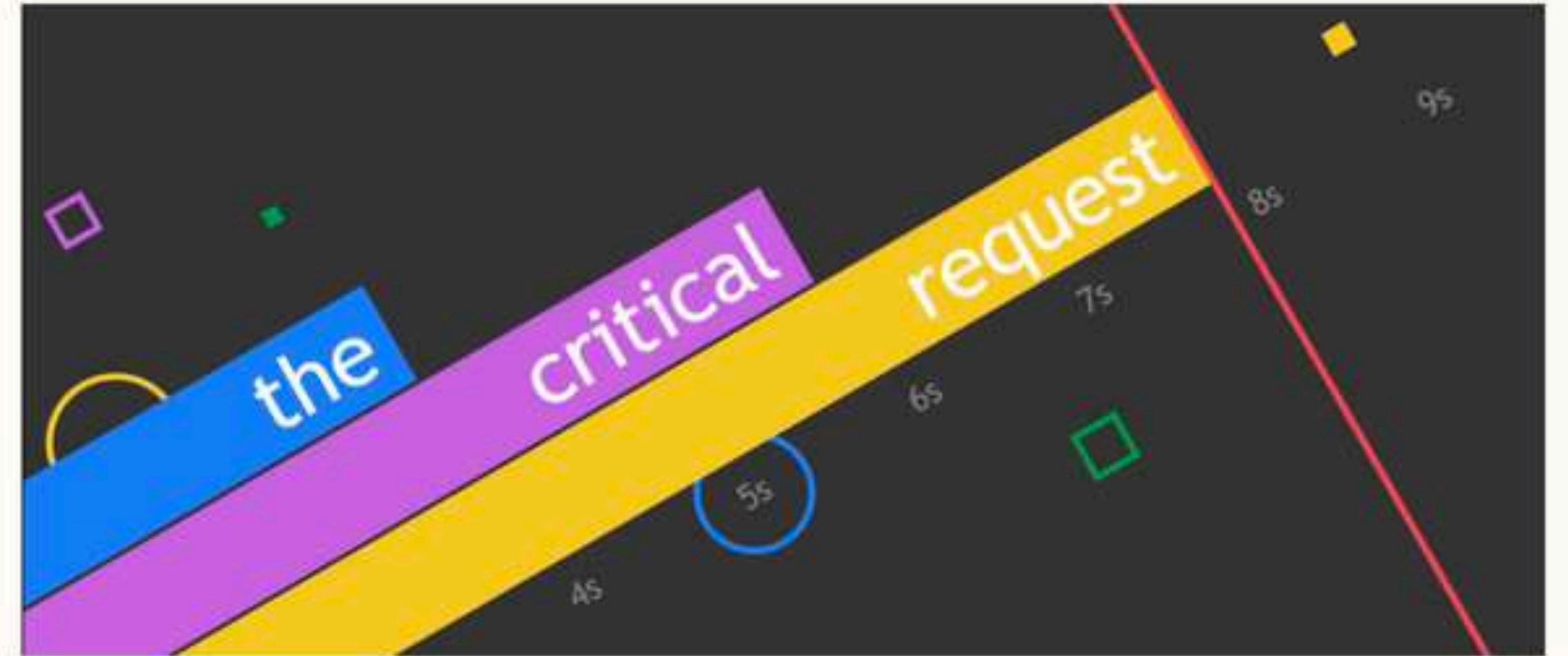
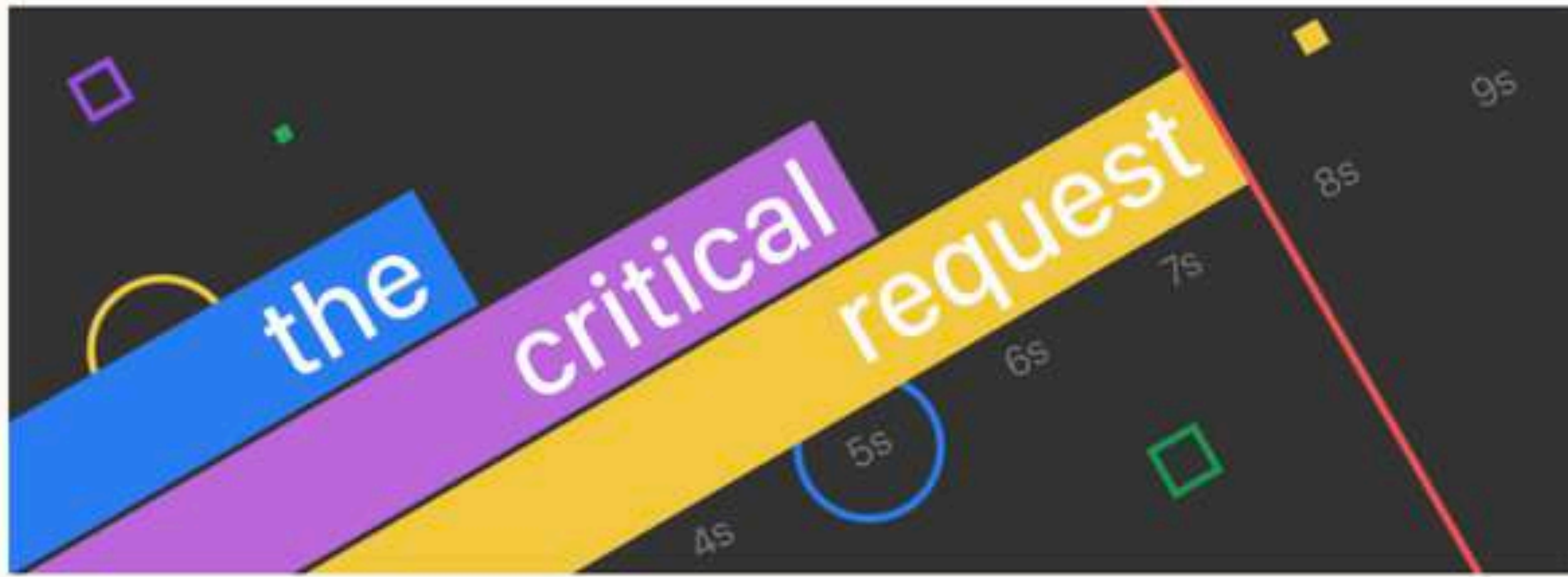
Like Modernizr, but in native CSS and makes it safe to use cutting edge features right now



# Anatomy of a feature query

```
.selector {  
  /* Styles that are supported in old browsers */  
}  
  
@supports (property:value) {  
  .selector {  
    /* Styles for browsers that support the specified property */  
  }  
}
```





Original image from [CSS tricks](#)





```
header::before {
  content: 'This example requires a browser
display: inline-block;
background-color: rgba(253, 182, 182, 0.7);
font-size: initial;
max-width: 36em;
color: #000;
padding: 0.5em;
}

header > * {
  display: none;
}

header {
  background-color: $background;
  background-image: url('./fallback.png');
  background-size: contain;
  background-repeat: no-repeat;
```

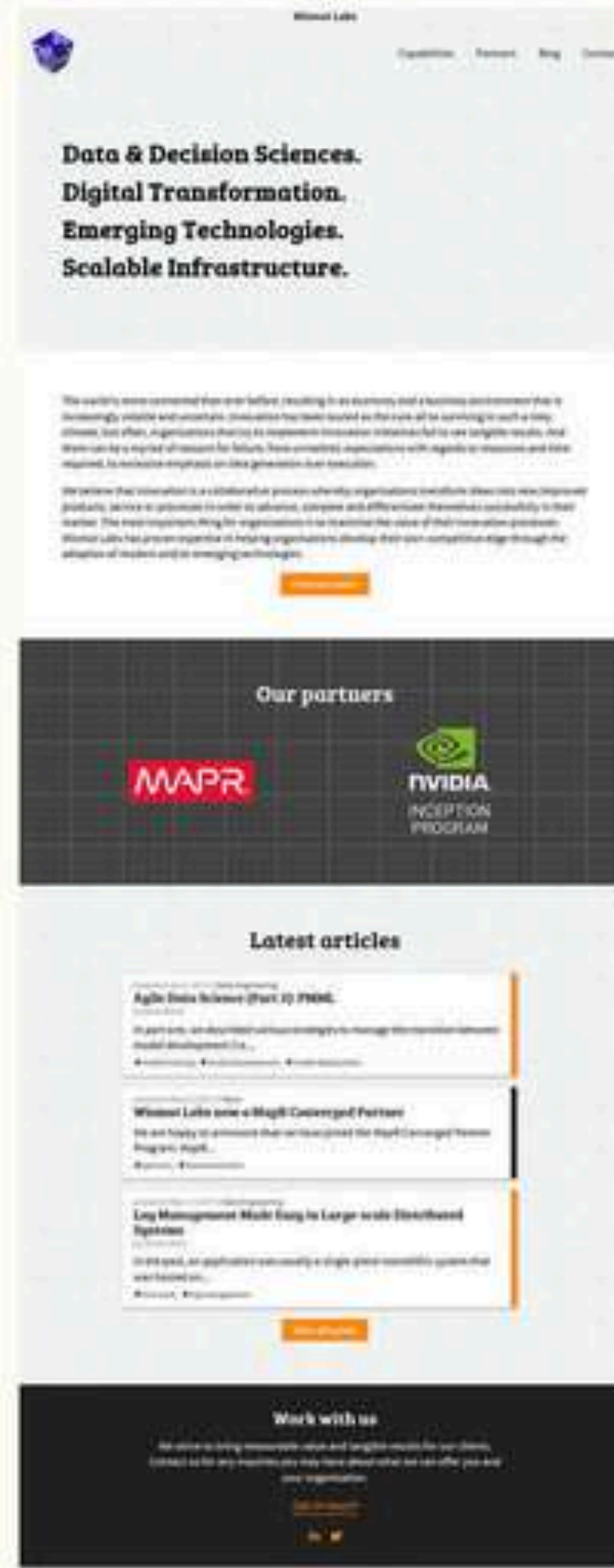




```
@supports (display:grid) {  
  .time {  
    grid-row: 7;  
  }  
  
  .grid {  
    display: grid;  
    grid-template-columns: repeat(9, 1fr);  
    grid-template-rows: repeat(3, 2em) repeat(3, 2em);  
    grid-gap: 0.125em;  
    position: relative;  
  }  
  
  @media screen and (min-width: 480px) {  
    .grid {  
      transform: rotate(-30deg) translateX(50%);  
      grid-template-rows: repeat(3, 2em) repeat(3, 2em);  
    }  
  }  
}
```



# Falling back with grace





© Springer Science+Business Media B.V. 2014

Images of the company by the company itself.

- What's the result? A partnership that can't be torn apart.

© 1999 by The McGraw-Hill Companies

Other members of *Blennius* species, however, do happen to have large eyes, but it is interesting to note that most species have eyes of a similar size to those of *Blennius* species. All of these fishes have feeding behavior that is similar to those of *Blennius* species. In other words, the mouth does not expand to allow a much larger volume of food to be drawn into the mouth and caught. The appearance

[illegible][illegible][illegible][illegible]

Let's consider the Park West long bus line from the model:

the 1990s, the industry gradually lost its momentum. Whereas it was once the hub of the industry, it took time to get back on its feet as a fully-fledged creative centre. In the 1990s, it was still a place to go for a drink, but not for a drink and a creative idea. Gradually, it has returned to its original creative role, and is now a place to go for a drink and a creative idea.

[illegible]

State responses were the values of the variable: the rate of job loss, of job and income recovery in periods of unemployment, and the rate of job and income recovery in periods of unemployment.

**► Downloaded from <http://ajph.org/> on September 10, 2015**

*Copyright © 2006 Pearson Education, Inc. All rights reserved.*

- Please do not photocopy this journal page for personal use.*

Copyright © 2005, Wolters Kluwer Health | Lippincott Williams & Wilkins

...to a nearby table, then opposite me. He looked at me and then back at the table. He was smiling and laughing. When he said, "I want to know what you're thinking," I said, "I want to know what you're thinking."

...to the ...

the disease. This problem (hypercalcaemia) also is not limited to haematology departments, given, for the very good reason, as we know that it impacts the overall population.

and "Proclamation" addressed to the American People. The document was signed by the President and the Vice President, and it was the first time that the President and Vice President had signed a joint document. The document was signed on the same day that the President and Vice President were sworn in for their second terms.



...to his death. I think learning  
is really an ability. It goes like  
this: we all have our own little  
worlds of experience and knowledge.  
We can learn from each other.

Support? You're right! But if you're interested in learning more about the world of the future, visit the site at [www.futureworld.com](http://www.futureworld.com) and you'll find some very interesting and fun stuff. The thing is, it's yours to explore.

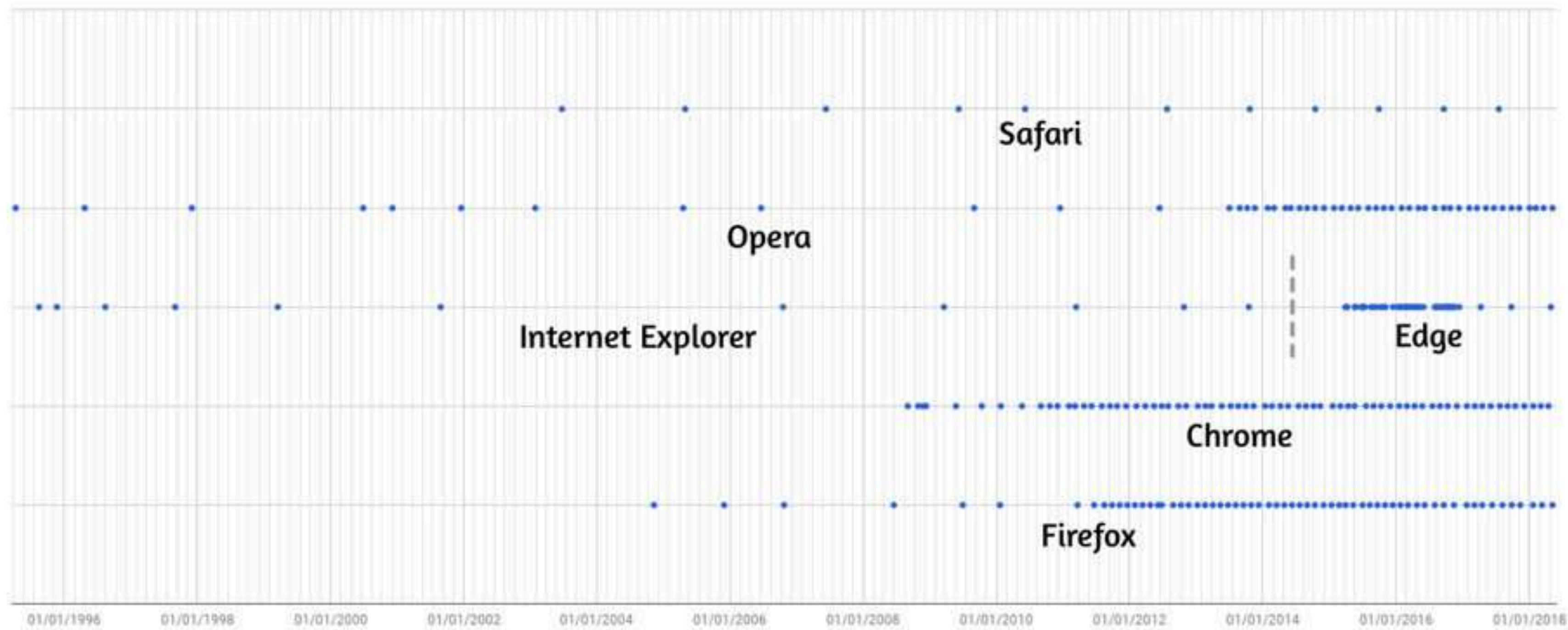
the things we're doing like  
like driving a positive agenda and  
make the things that I need to do  
to make something different and  
more than I needed more  
more support. But the foundation



Don't miss our new and healthy snack  
going with your favorite pizza. Try this:



# Frequency of major browser releases





# CSS Grid release dates

## March 2017

| Sun | Mon                                                                                 | Tue                                                                                 | Wed | Thu | Fri | Sat |
|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|-----|-----|-----|
|     |                                                                                     |                                                                                     | 1   | 2   | 3   | 4   |
| 5   | 6                                                                                   |   | 8   | 9   | 10  | 11  |
| 12  | 13                                                                                  |  | 15  | 16  | 17  | 18  |
| 19  | 20                                                                                  |  | 22  | 23  | 24  | 25  |
| 26  |  | 28                                                                                  | 29  | 30  | 31  |     |

## October 2017

| Sun | Mon | Tue                                                                                   | Wed | Thu | Fri | Sat |
|-----|-----|---------------------------------------------------------------------------------------|-----|-----|-----|-----|
| 1   | 2   | 3                                                                                     | 4   | 5   | 6   | 7   |
| 8   | 9   | 10                                                                                    | 11  | 12  | 13  | 14  |
| 15  | 16  |  | 18  | 19  | 20  | 21  |
| 22  | 23  | 24                                                                                    | 25  | 26  | 27  | 28  |
| 29  | 30  |  |     |     |     |     |



# CSS Grid browser support

## CSS Grid Layout

Method of using a grid concept to lay out content, providing a mechanism for authors to divide available space for layout into columns and rows using a set of predictable sizing behaviors. Includes support for all `grid-\*` properties and the `fr` unit.

| IE | Edge | Firefox | Chrome | Safari | iOS Safari | Opera Mini | Chrome for Android | Android Browser | Samsung Internet |
|----|------|---------|--------|--------|------------|------------|--------------------|-----------------|------------------|
| 8  | 14   | 58      | 65     | 10     | 10.2       |            |                    | 4.3             | 4                |
| 9  | 15   | 59      | 66     | 10.1   | 10.3       |            |                    | 4.4             | 5                |
| 10 | 16   | 60      | 67     | 11     | 11.2       |            |                    | 4.4.4           | 6.2              |
| 11 | 17   | 61      | 68     | 11.1   | 11.4       | all        | 67                 | 67              | 7.2              |
|    | 18   | 62      | 69     | 12     | 12         |            |                    |                 |                  |

✓ ✗ Partial Support Prefixed

Global: 83.56% + 3.09% = 86.65%

Data from caniuse.com | Embed from caniuse.bisofo.co.de

[Enable accessible colours](#)



@hj\_chen



## Chromium issue tracker

## Firefox Bugzilla

## Webkit Bugzilla

## Edge issue tracker



# CSS



"WANTS  
**YOU**"

TO HELP

## MAKE THE WEB BETTER





# Thank you!

 <https://www.chenhuijing.com>

 @hj\_chen

 @hj\_chen

 @huijing

Font used is **Overpass**, by **Delve Fonts**

