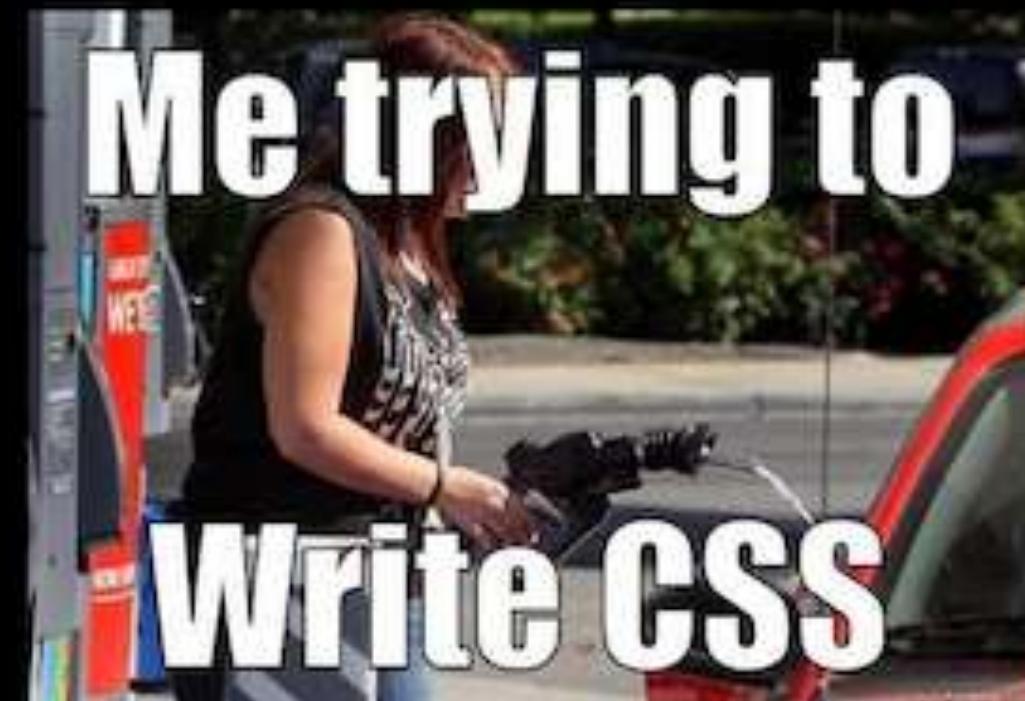


2017: THE YEAR OF CSS GRID

Revolutionising visual design on the web

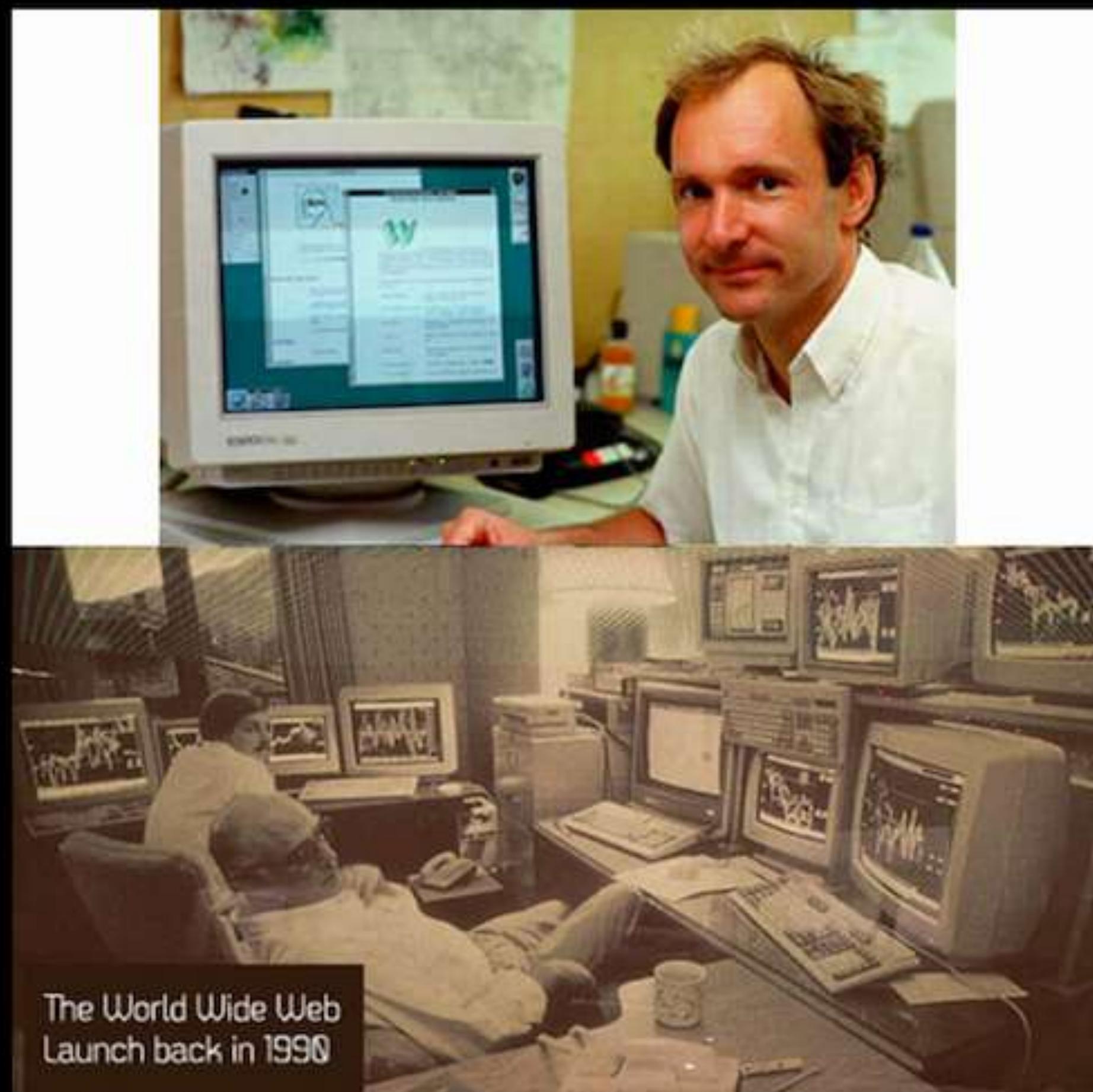




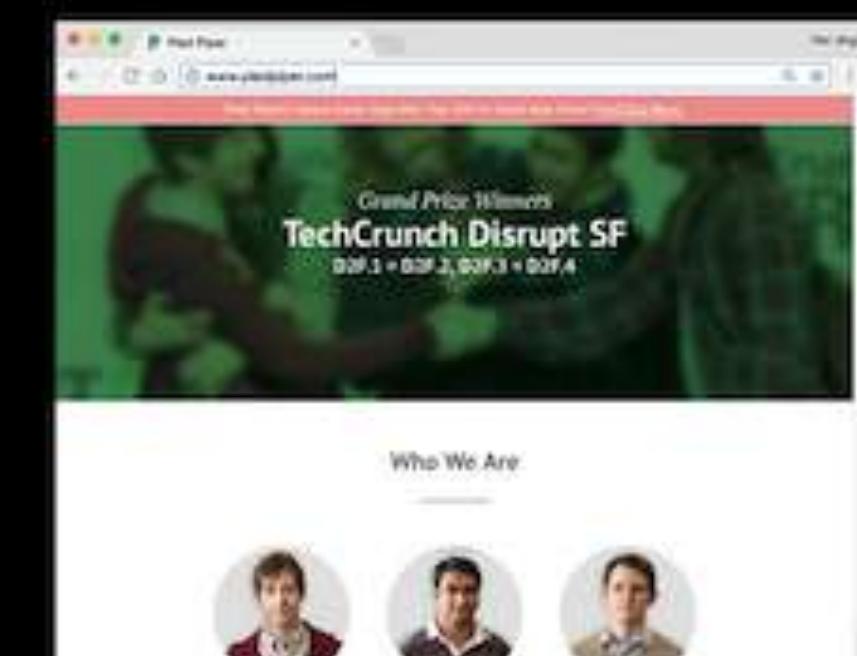
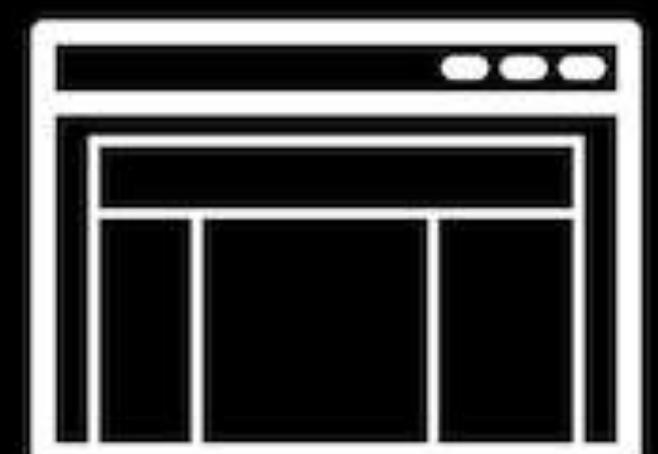
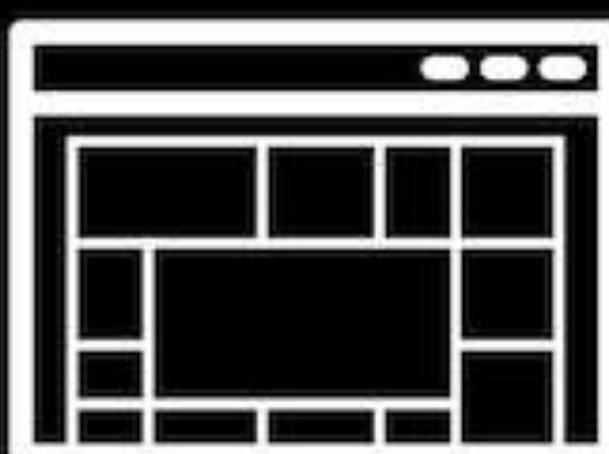


Tricky CSS inheritance issue on Monday	CHALLENGE ACCEPTED
Tricky CSS inheritance issue on Friday	Important all the things!





Web layouts over the years



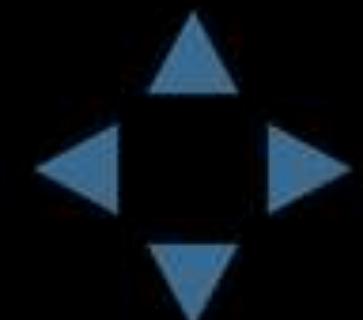
CSS Grid arrives

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	

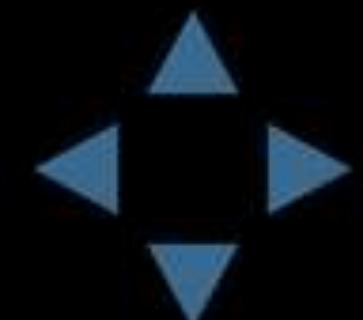
October 2017

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					



“Our ‘Age of Anxiety’ is, in great part,
the result of trying to do today’s job
with yesterday’s tools—with
yesterday’s concepts.”

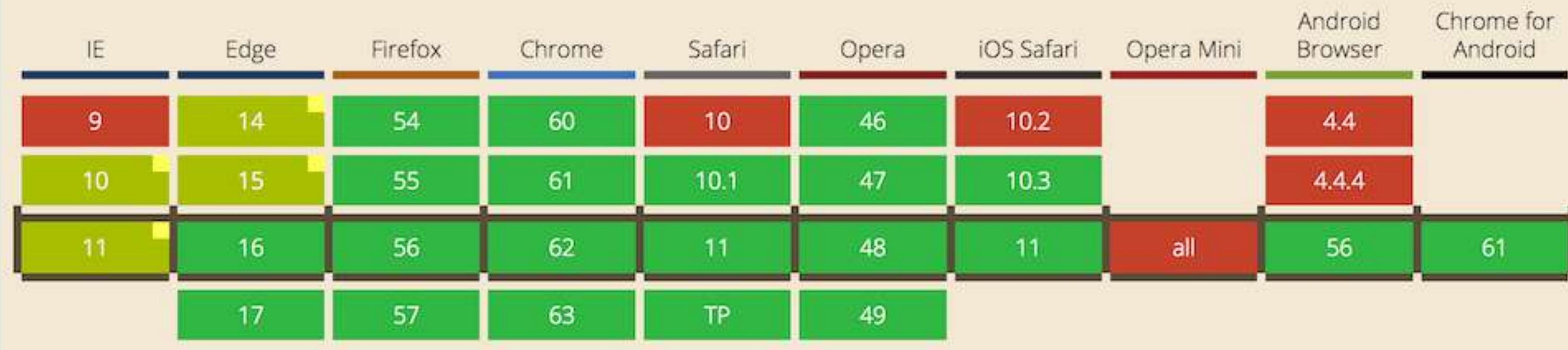
—Marshall McLuhan



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.



Data from [caniuse.com](#) | Embed from [caniuse.bitsofco.de](#)

Global: 69.57% + 5.77% = 75.34%



Evolution of CSS Specifications

CSS1
Recommendation:
11 Dec 1996

CSS2
Recommendation:
12 May 1998

CSS2.1
Recommendation:
7 Jun 2011

CSS2.2
Working draft:
12 Apr 2016

CSS3
Decision to modularise:
14 Apr 2000
(26 modules)

CSS Snapshot 2011 (88 modules)

Completed
CSS Snapshot 2011
CSS Snapshot 2015
CSS Snapshot 2018
CSS Snapshot 2021
CSS Color Level 3
CSS Namespaces
Selectors Level 3
CSS Level 2 Revision 1
CSS Level 1
CSS Print Profile
Media Queries
CSS Style Attributes

Stable
CSS Backgrounds and Borders Level 3
CSS Conditional Rules Level 3
CSS Multi-column Layout Level 1
CSS Values and Units Level 3
CSS Cascading and Inheritance Level 3
CSS Fonts Level 3
CSS Writing Modes Level 3
CSS Counter Styles Level 3

Rewriting
CSS Basic Box Model Level 3
CSS Generated Content Level 3

Refining
CSS Animations
Web Animations 1.0
CSS Text Level 3
CSS Transforms
CSS Transitions
CSS Box Alignment Level 3
CSS Display Level 3
Preview of CSS Level 2
CSS Timing Functions Level 1

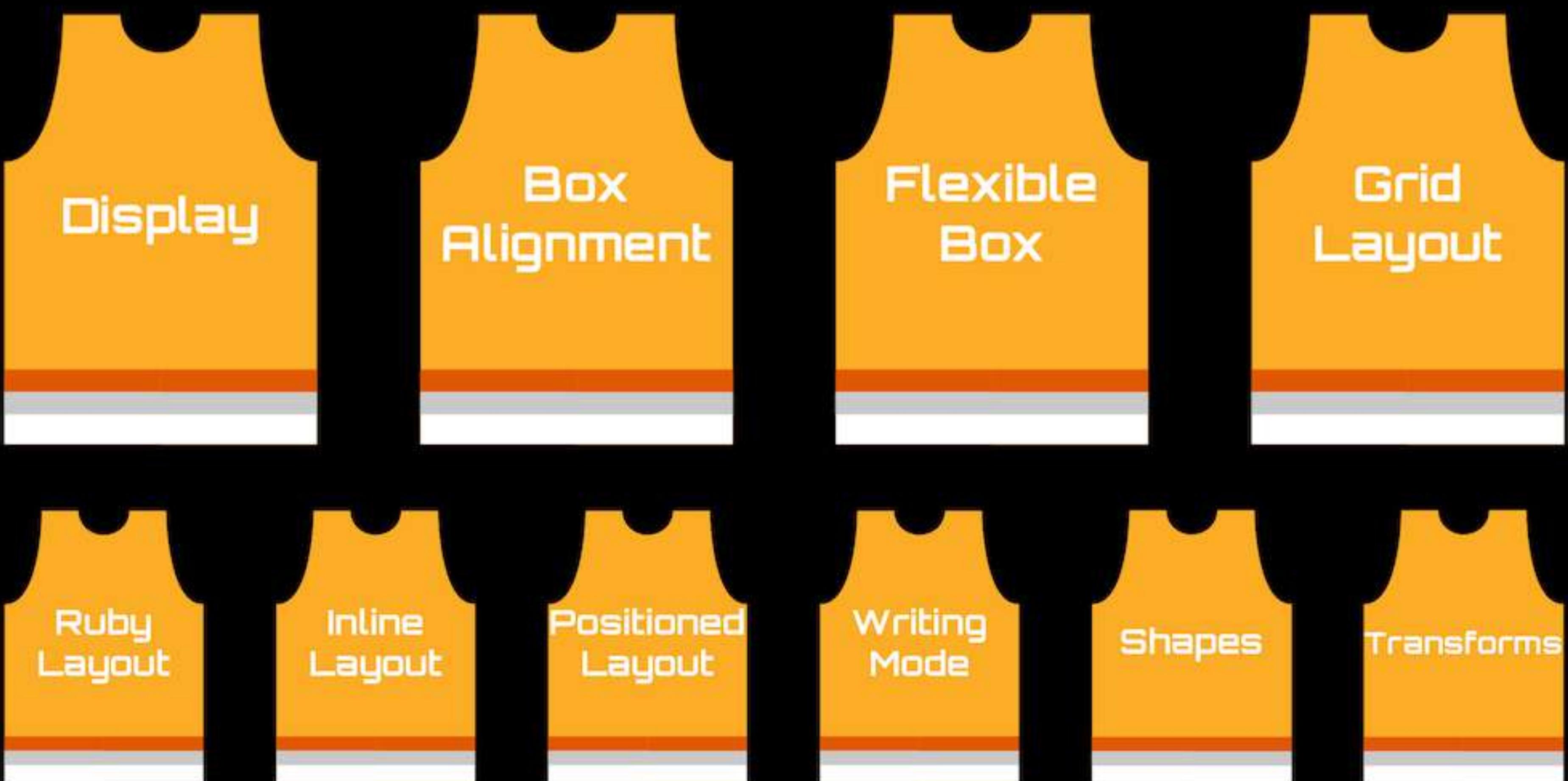
Testing
CSS Image Values and Replaced Content Level 3
CSS Speech
CSS Flexible Box Layout Level 1
CSS Text Decoration Level 3
CSS Shapes Level 1
CSS Masking Level 1
CSS Fragmentation Level 3
CSS Cascading Variables
Compositing and Blending Level 1
CSS Syntax Level 3
CSS Grid Layout Level 1
CSS Basic User Interface Level 3
CSS Will Change Level 1
Media Queries Level 4
Geometry Interfaces Level 1
CSS Cascading and Inheritance Level 4
CSS Scroll Snap Level 1
CSS Containment Level 1

Exploring
CSS Backgrounds and Borders Level 4
CSS Device Adaptation
CSS Exclusions
Filter Effects
CSS Generated Content for Paged Media
CSS Page Floats
CSS Template Layout
CSS Line Grid
CSS Lists Level 3
CSS Positioned Layout Level 3
CSS Regions
CSS Table Level 3
CSS Object Model
CSS Font Loading
CSS Scoping Level 1
Non-element Selectors

CSS Inline Layout Level 3
Motion Path Level 1
CSS Round Display Level 1
CSS Basic User Interface Level 4
CSS Text Level 4
CSS Painting API Level 1
CSS Properties and Values API Level 1
CSS Typed OM Level 1
Worklets Level 1
CSS Color Level 4
CSS Fonts Level 4
CSS Rhythmic Sizing Level 1
CSS Image Values and Replaced Content Level 4
CSS Fill and Stroke Level 3
CSS Logical Properties and Values Level 1
CSS Overflow Level 4



Team Layout



And more...



Team Layout

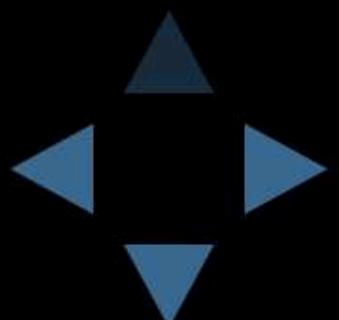


Grid versus Flexbox?

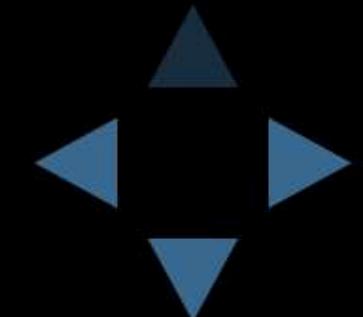


Grid vs
texbox?

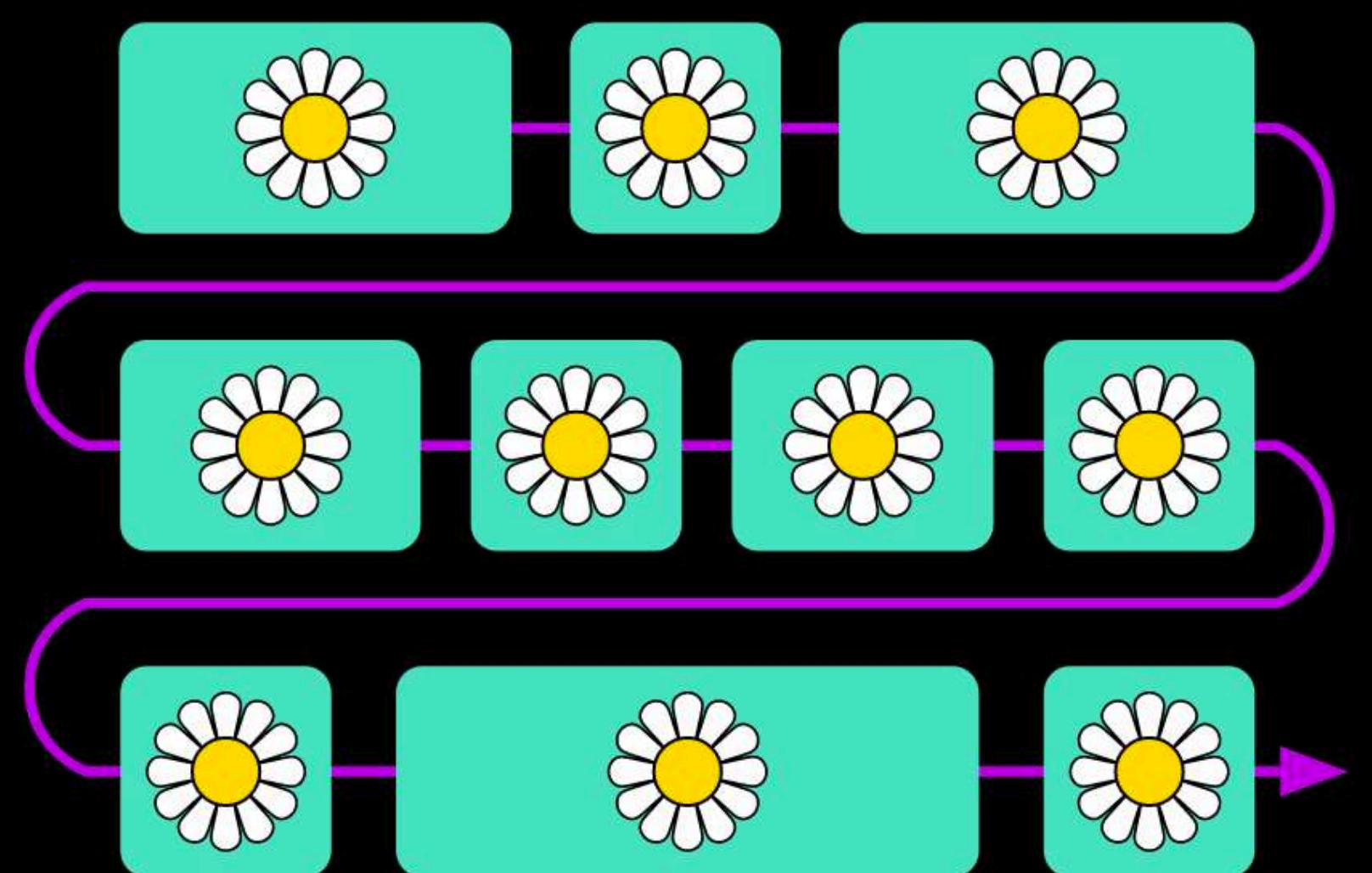
WRONG QUESTION



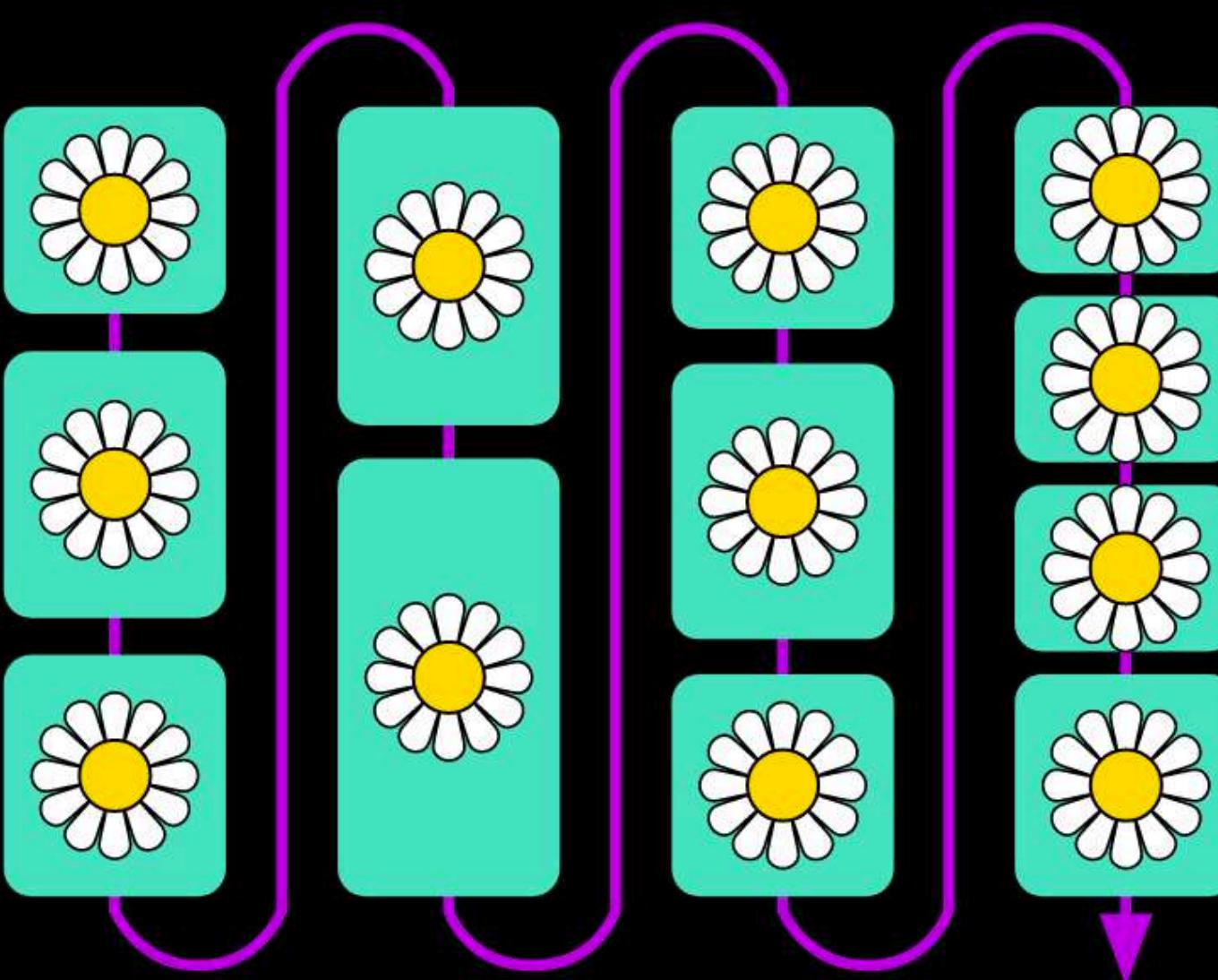
Grid AND Flexbox



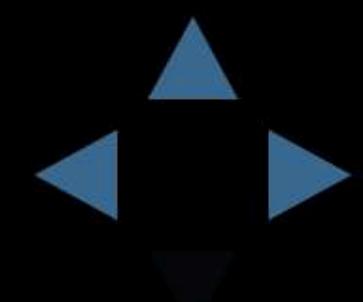
Flexbox → single dimension



flex-direction: row

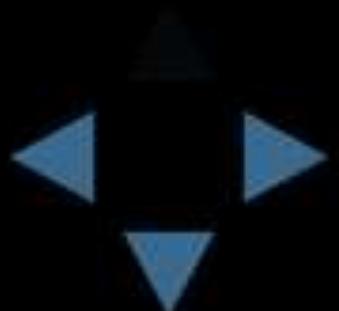


flex-direction: column



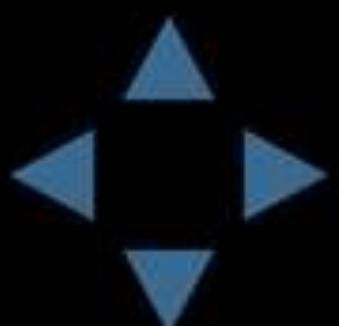
What is CSS grid?

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



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

—Rachel Andrew



Layout technique: inline-block

Item A	Item B	Item C
Item D	Item E	Item F

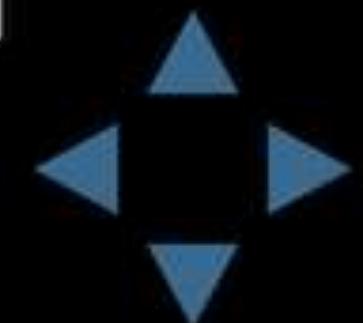
```
.inlineblock_item {  
    display: inline-block;  
    width: calc(100% / 3);  
}
```



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);  
}
```

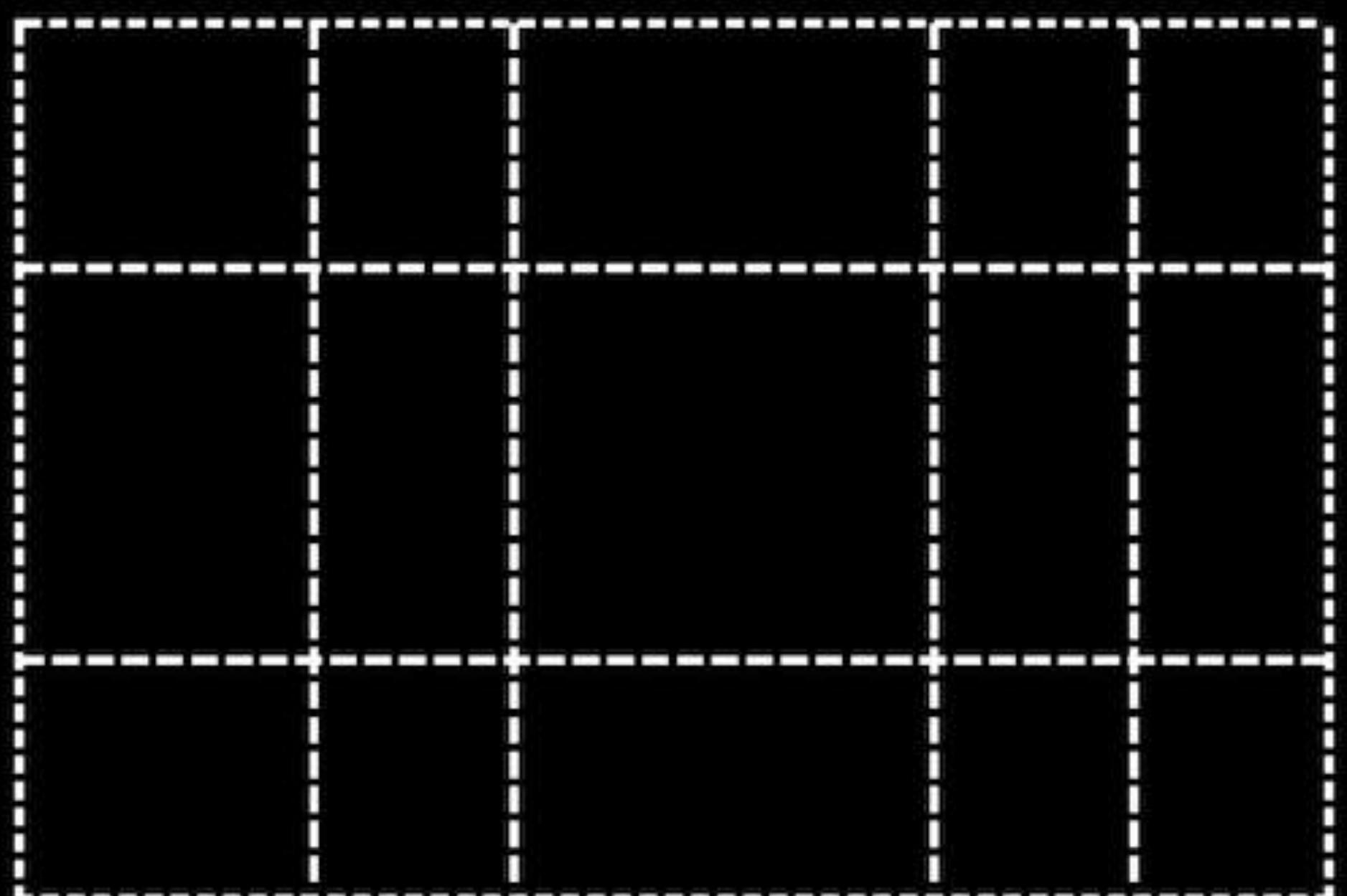


“Grid is the only layout technique that establishes a relationship between rows and columns of grid items.”

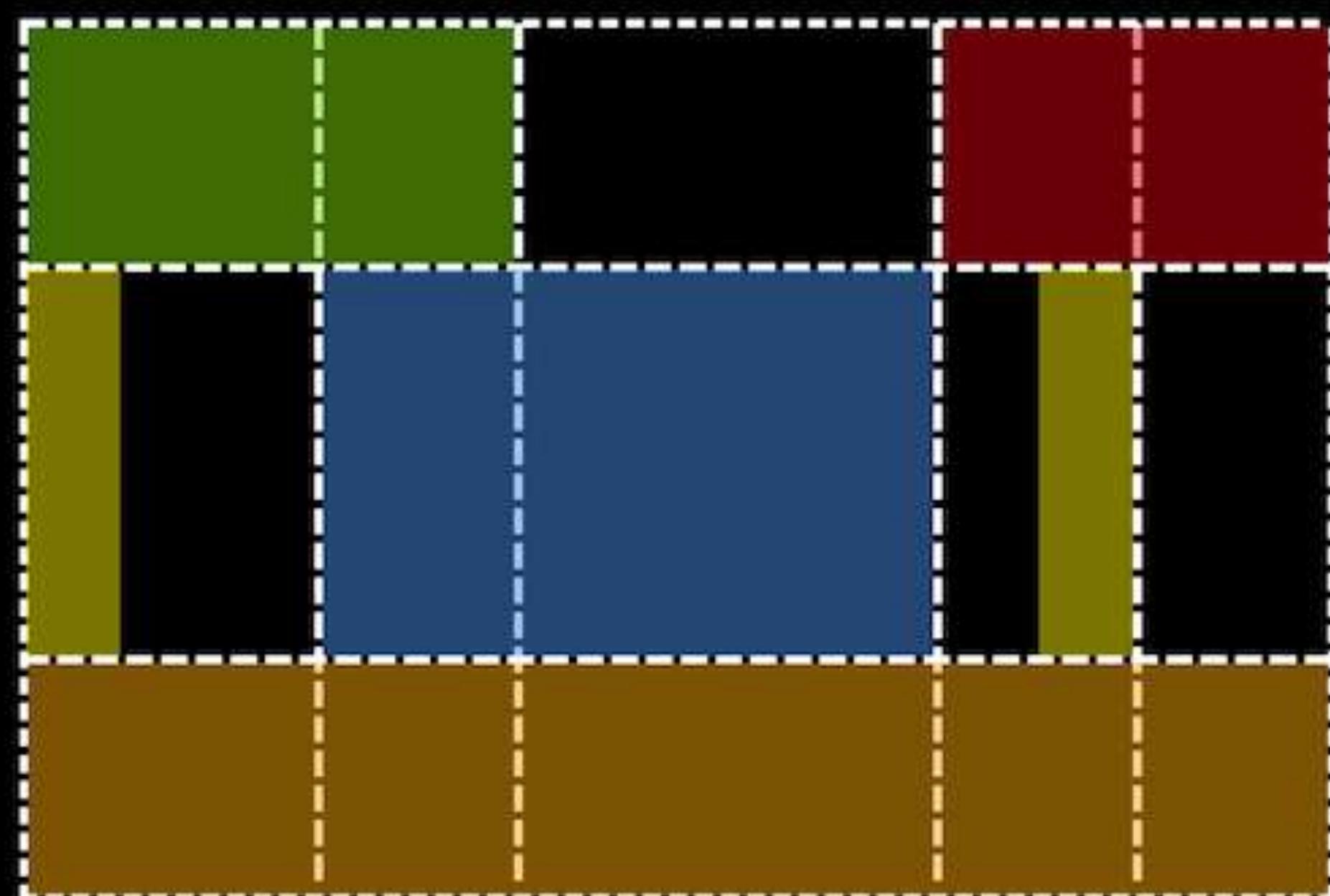


CSS grid basics

Define your grid.



Place items in the grid.



Defining the Grid

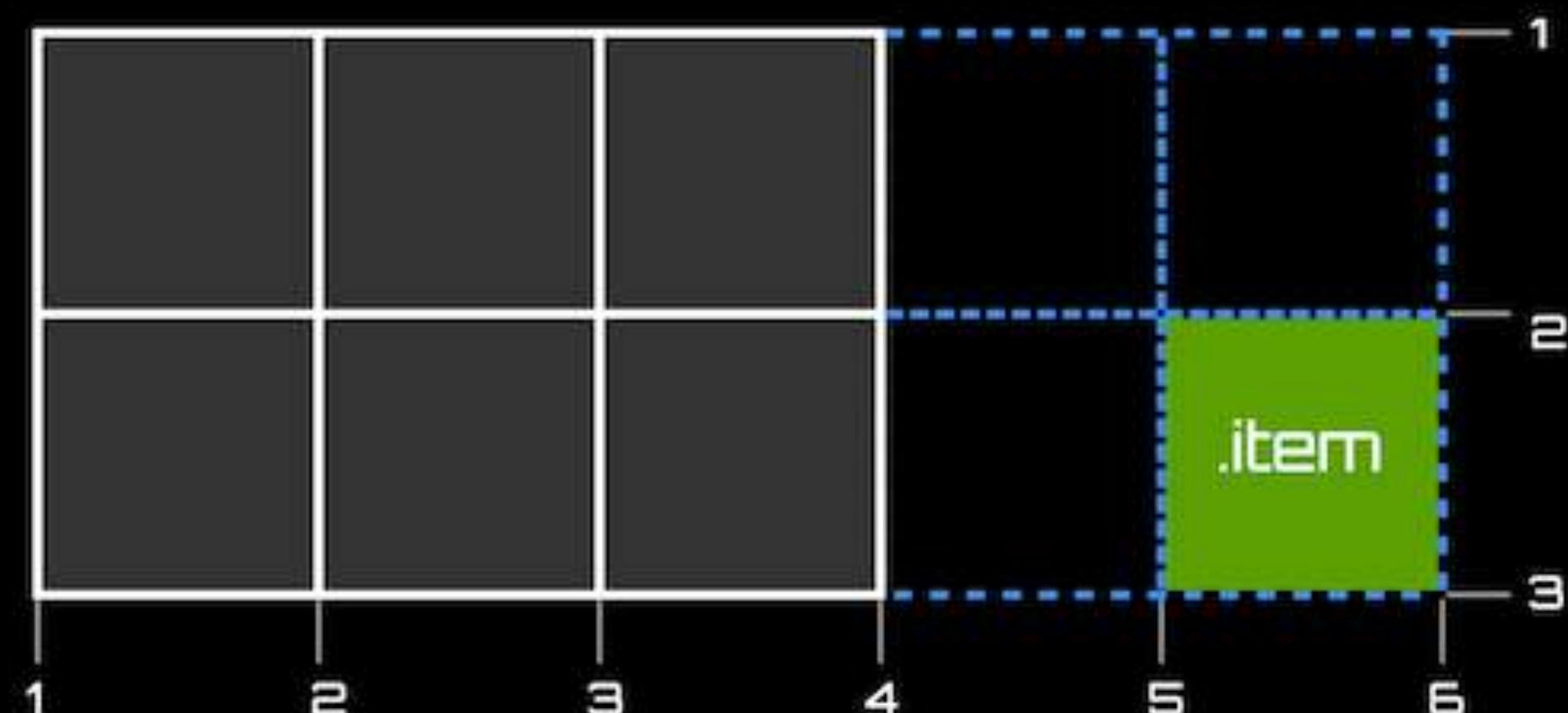


```
body {  
  display: grid;  
  grid-template-columns: 25% 25% 25% 25%;  
  grid-template-rows: 20em 1fr 20em;  
}
```

The grid formatting context
only applies to child elements



Explicit Grid and Implicit Grid



```
.grid-container {  
  display: grid;  
  grid-template-columns: 150px 150px  
  grid-template-rows: 150px 150px; /*  
 }  
  
.item {  
  grid-column: 5 / 6; /* grid-column-  
  grid-row: 2 / 3; /* grid-row-start  
 }
```

The browser will create an implicit grid to hold items placed outside the grid.



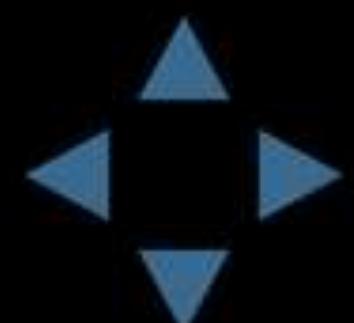
**"Cede control of your designs to the
browsers that render them."**



The `repeat()` function

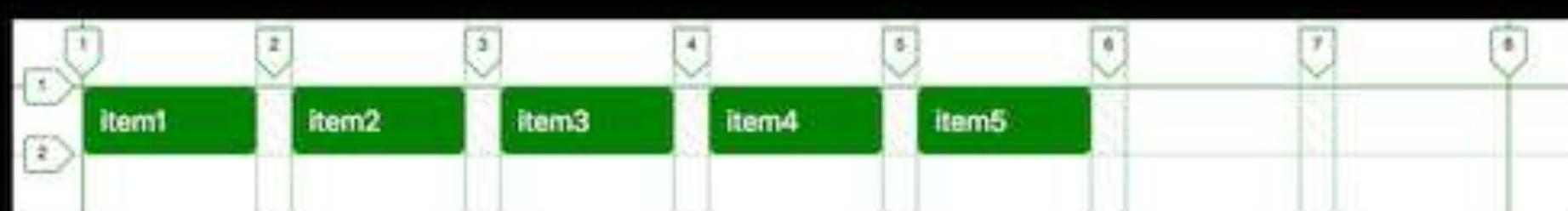
To specify a large number of columns or rows that follow a similar pattern

```
repeat( [ <positive-integer> | auto-fill | auto-fit ] , <track-list> )
```

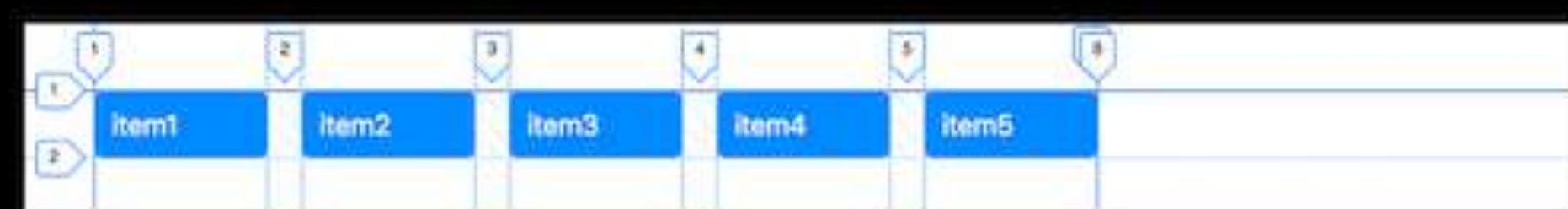


auto-fill vs. auto-fit

Allow browser to determine how many tracks to create depending on track size.



```
repeat(auto-fill, 100px);
```



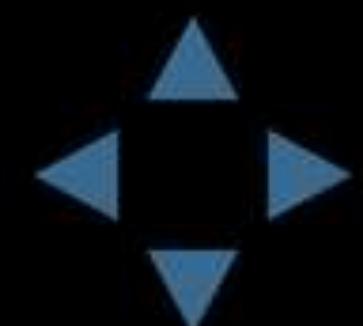
```
repeat(auto-fit, 100px);
```

auto-fit collapses empty tracks.



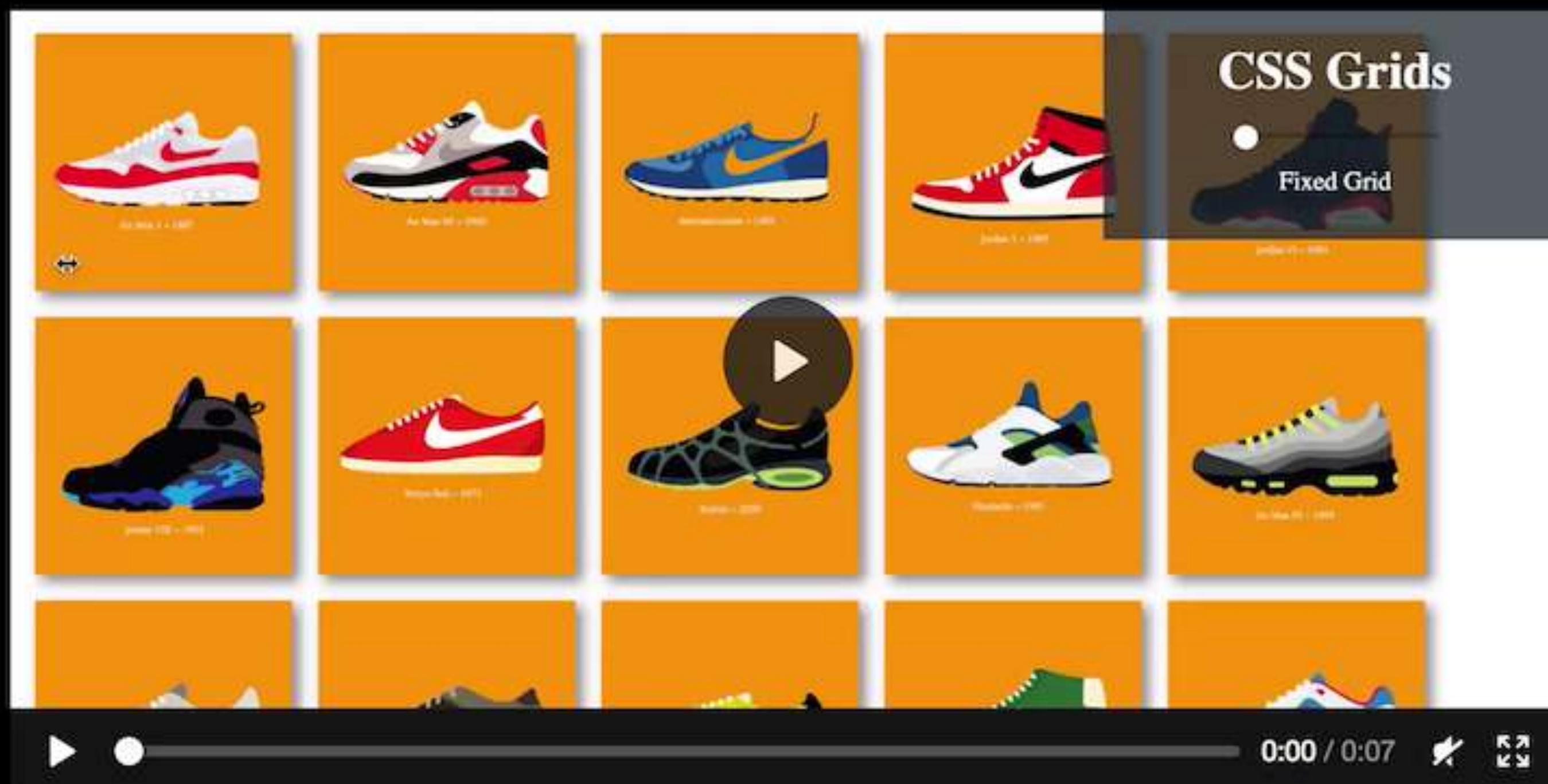
A	B	C	D	E	F
---	---	---	---	---	---

```
.keyword {  
    display: grid;  
    grid-template-columns:  
    repeat(auto-fill,  
    minmax(2.5em, 1fr));  
}
```



Fixed CSS grid

```
.container {  
    display: grid;  
    grid-template-columns: repeat(5, 10em);  
}
```



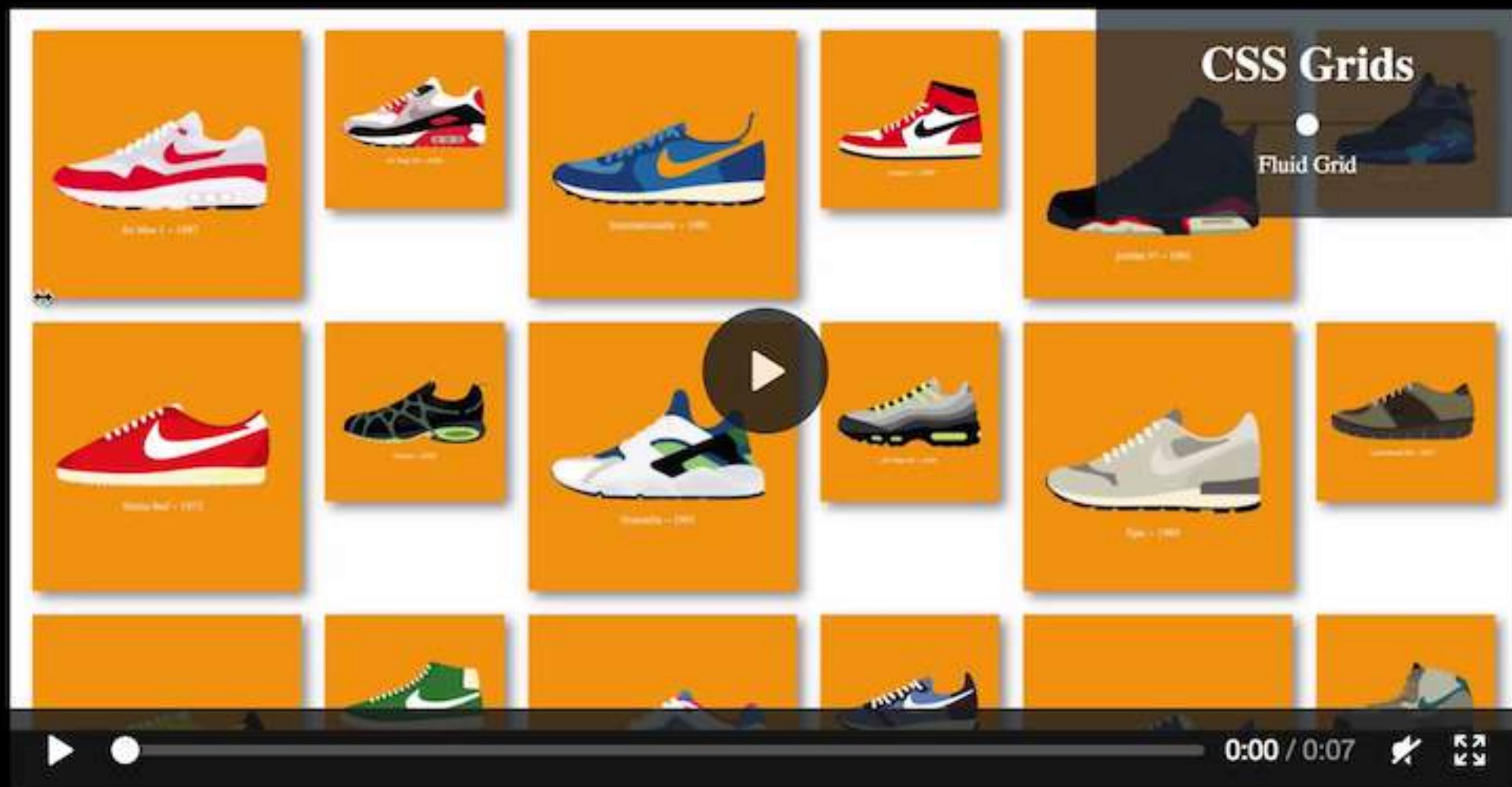
The **fr** unit

Represents a fraction of the free space in the grid container.



Fluid CSS grid

```
.container {  
  display: grid;  
  grid-template-columns: repeat(3, 3fr 2fr);  
}
```



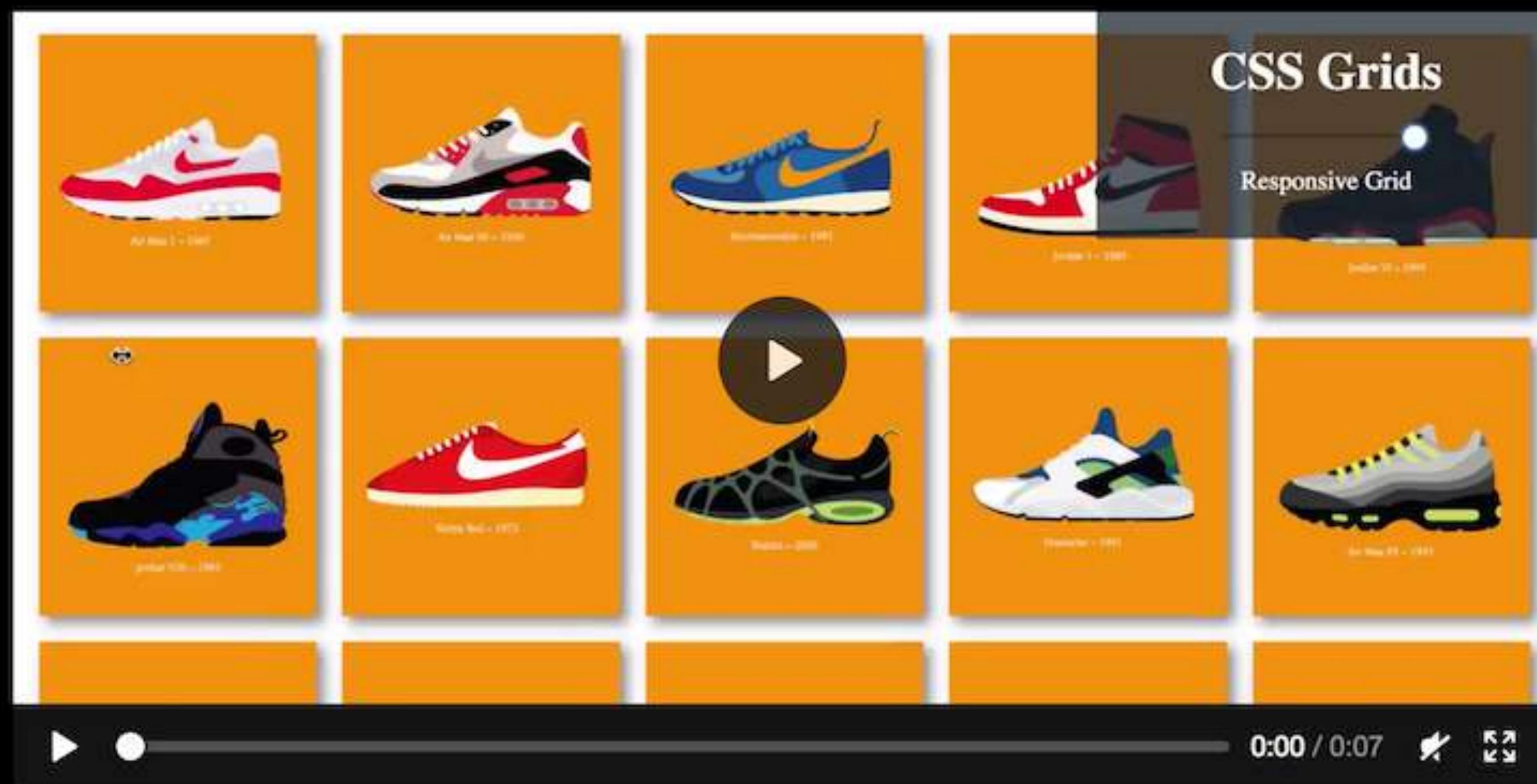
The `minmax()` function

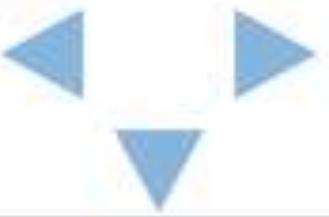
Defines a size range greater than or equal to min and less than or equal to max.



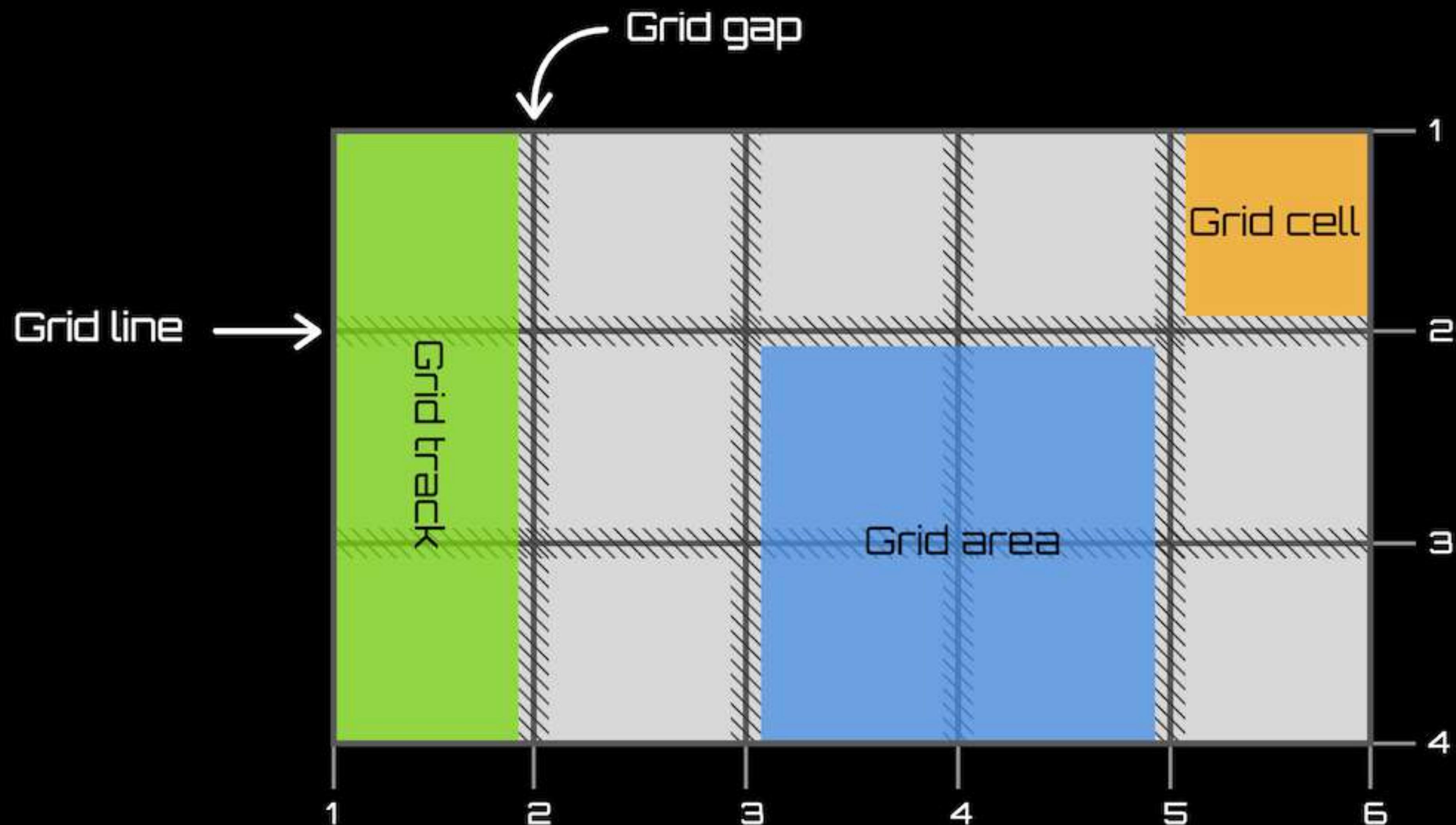
Responsive CSS grid

```
.container {  
    display: grid;  
    grid-template-columns: repeat(5, minmax(10em, 1fr));  
}
```

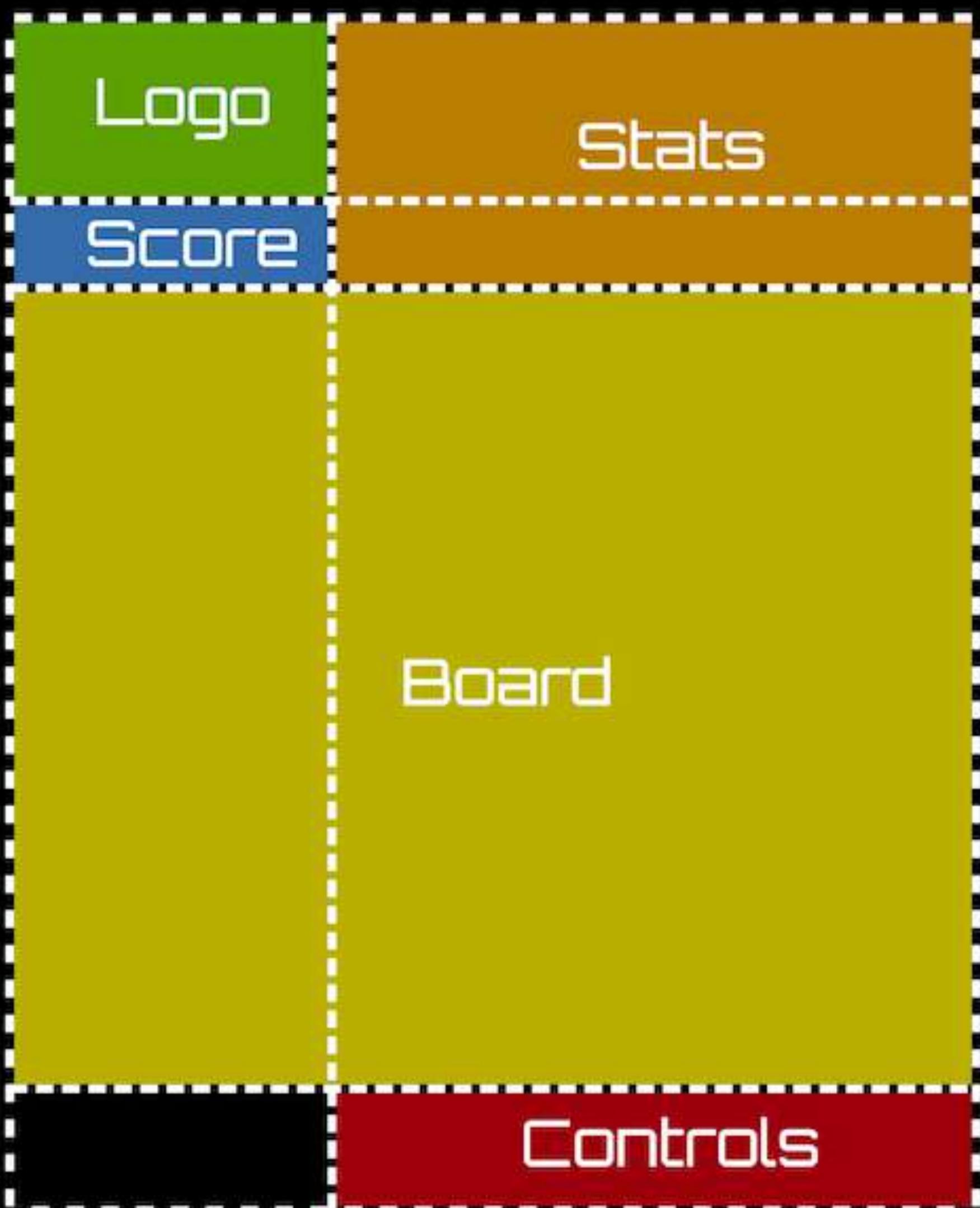




Basic terminology



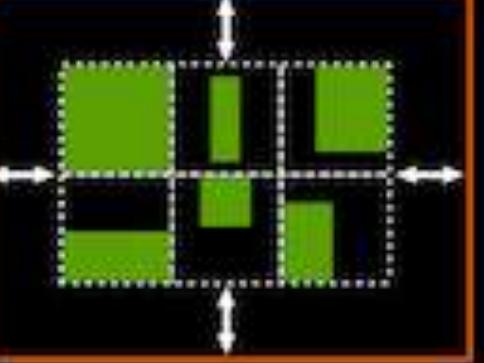
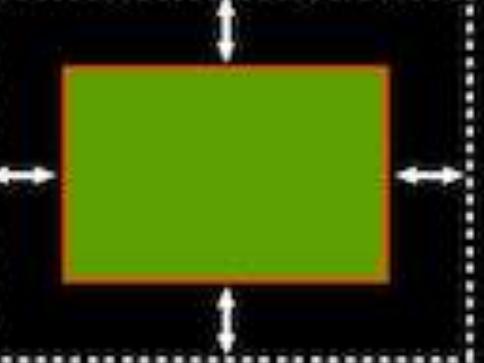
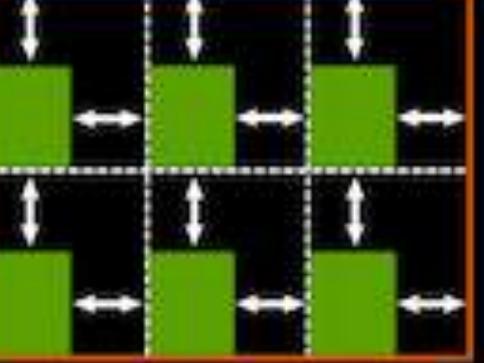
Named areas



```
.grid-container {  
  display: grid;  
  grid-template-areas: "logo stats"  
                      "score stats"  
                      "board board"  
                      "... controls";  
}  
  
.logo { grid-area: logo; }  
.score { grid-area: score; }  
.stats { grid-area: stats; }  
.board { grid-area: board; }  
.controls { grid-area: controls; }
```



Aligning your grid items

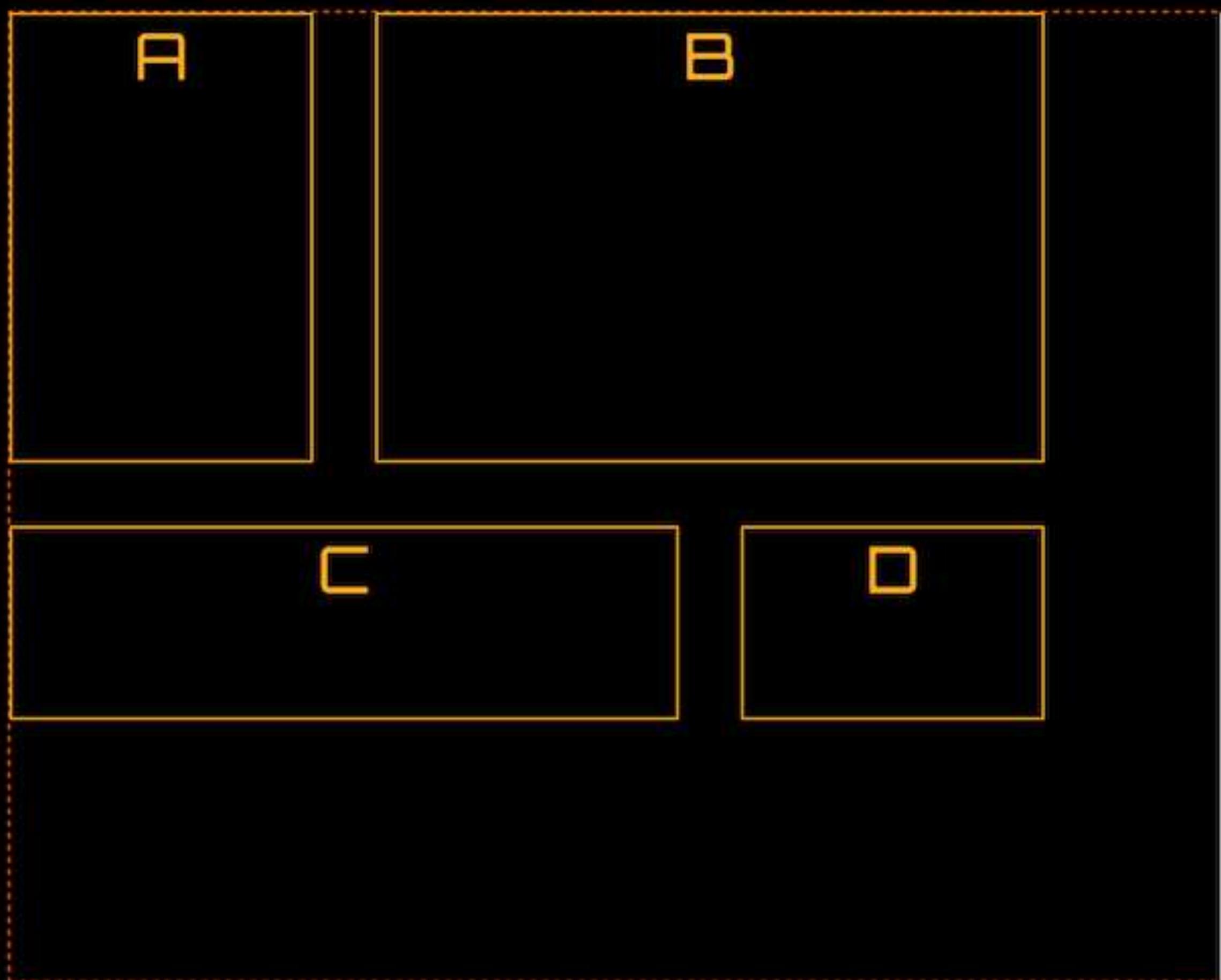
Property	Axis	Aligns	Applies to
<code>justify-content</code>	main/inline	content within element (effectively adjusts padding)	 block containers, flex containers and grid containers
<code>align-content</code>	cross/block		
<code>justify-self</code>	inline	element within parent (effectively adjusts margins)	 block-level boxes, absolutely-positioned boxes and grid items
<code>align-self</code>	cross/block		absolutely-positioned boxes, flex items and grid items
<code>justify-items</code>	inline	items inside box (controls child items)	 block containers and grid containers
<code>align-items</code>	cross/block		flex-containers and grid-containers

Source: CSS Box Alignment Module Level 3



justify/align-content

content-distribution properties



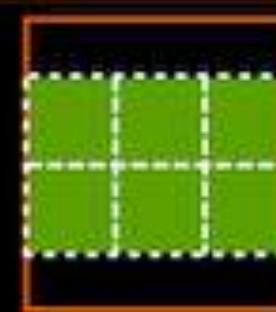
```
.content {  
  justify-content: normal;  
  align-content: normal;  
  
  display: grid;  
  grid-template-columns:  
  repeat(3, 25%);  
  grid-template-rows:  
  repeat(3, 20%);  
  grid-gap: 1em;  
  grid-template-areas:  
    "a b b"  
    "a b b"  
    "c c d";  
}  
  
.content_itemA {  
  grid-area: a;  
}
```



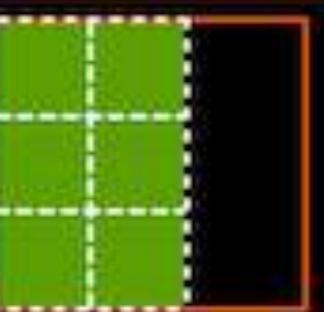
Values

justify-content align-content

center



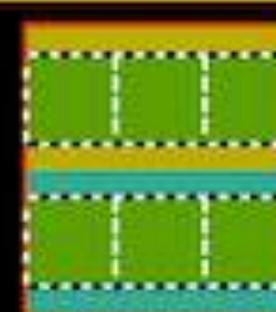
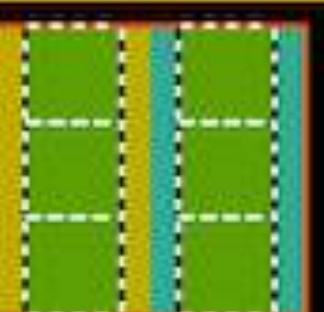
start



end



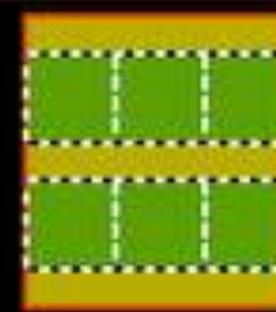
space-around



space-between

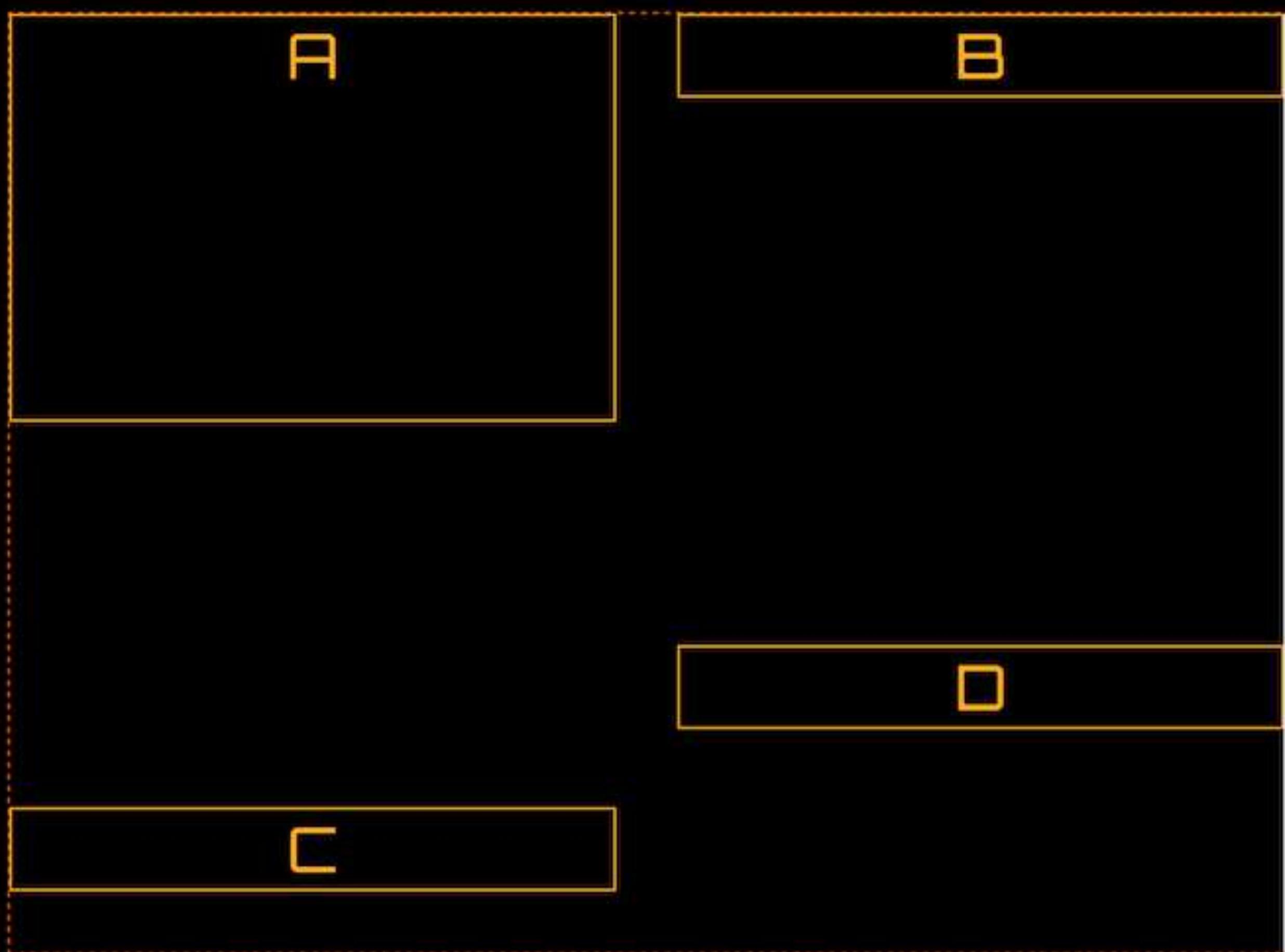


space-evenly



justify/align-self

self-alignment properties

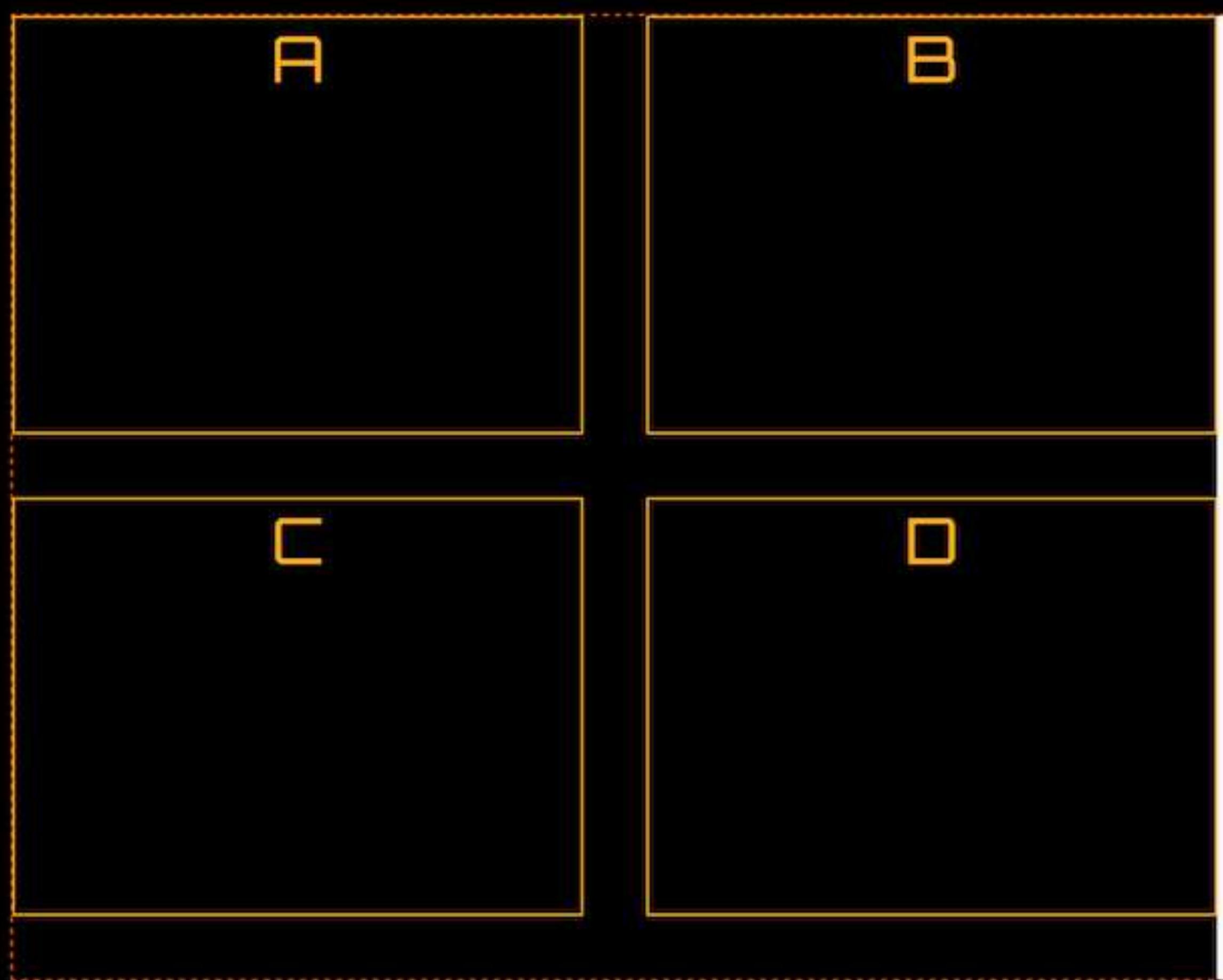


```
.self {  
  display: grid;  
  grid-template-columns:  
  repeat(4, 1fr);  
  grid-gap: 1em;  
  grid-auto-rows:  
  calc(25% - 1em);  
  grid-template-areas:  
    "a a b b"  
    "a a b b"  
    "c c d d"  
    "c c d d";  
}  
  
.self_itemA {  
  grid-area: a;  
}
```



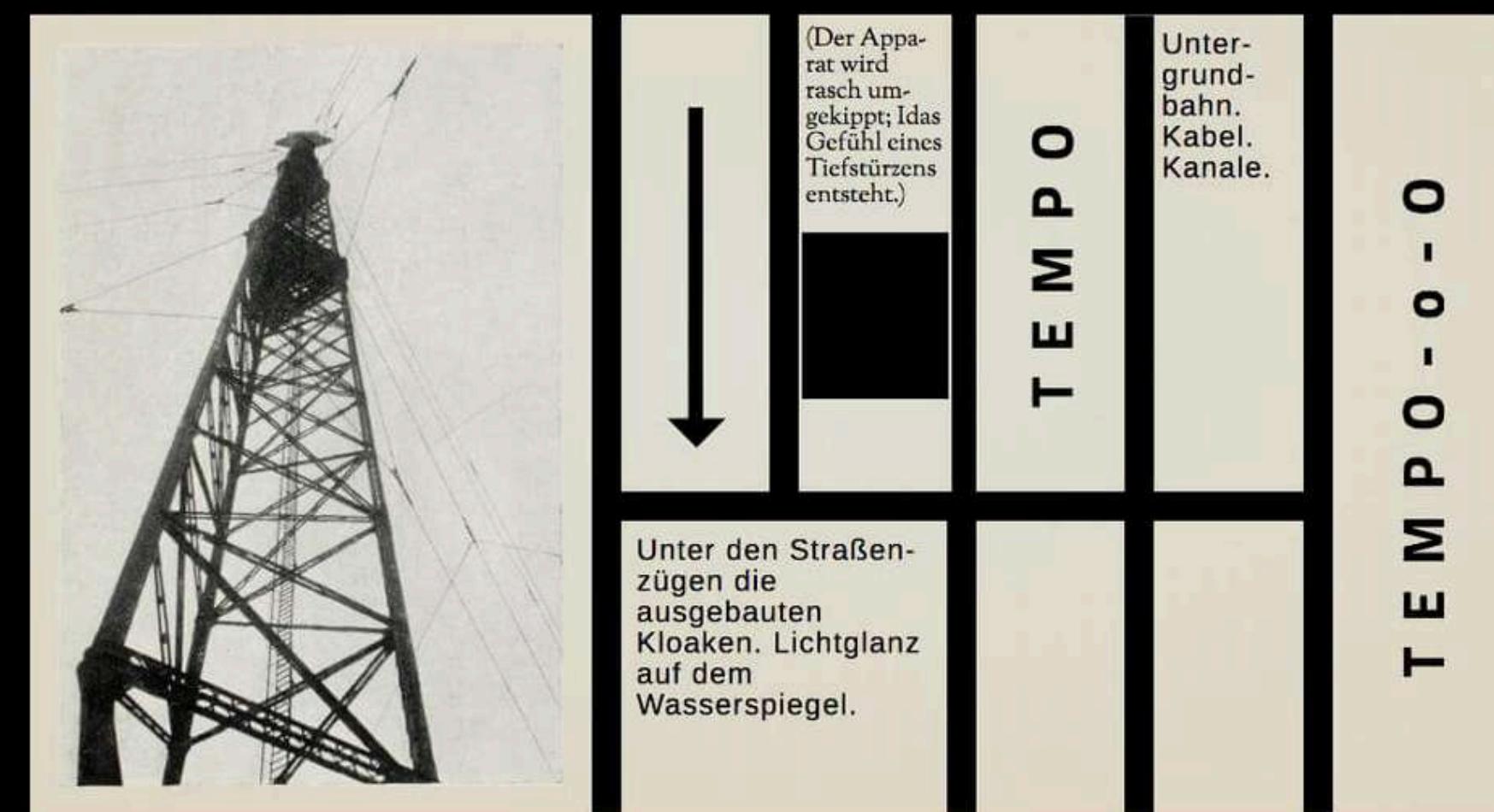
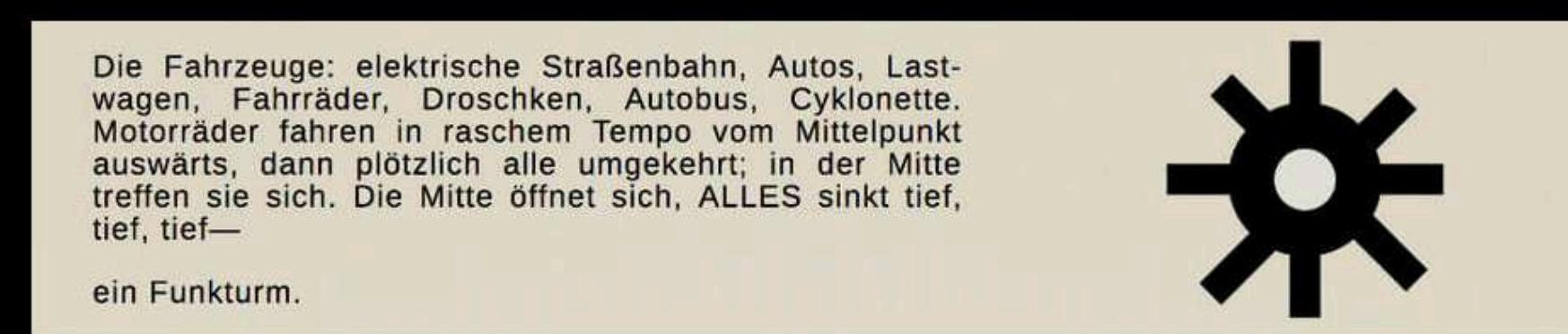
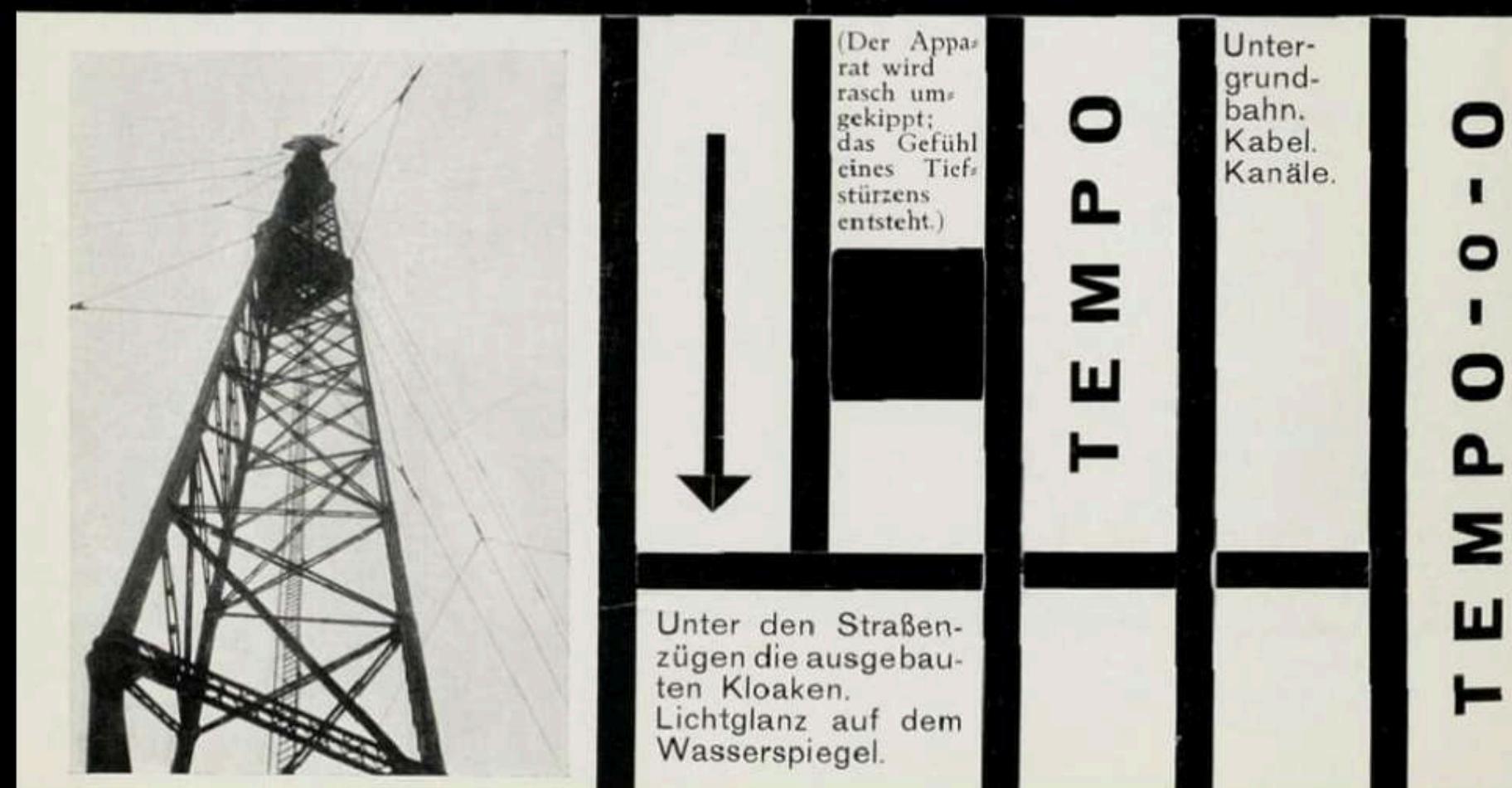
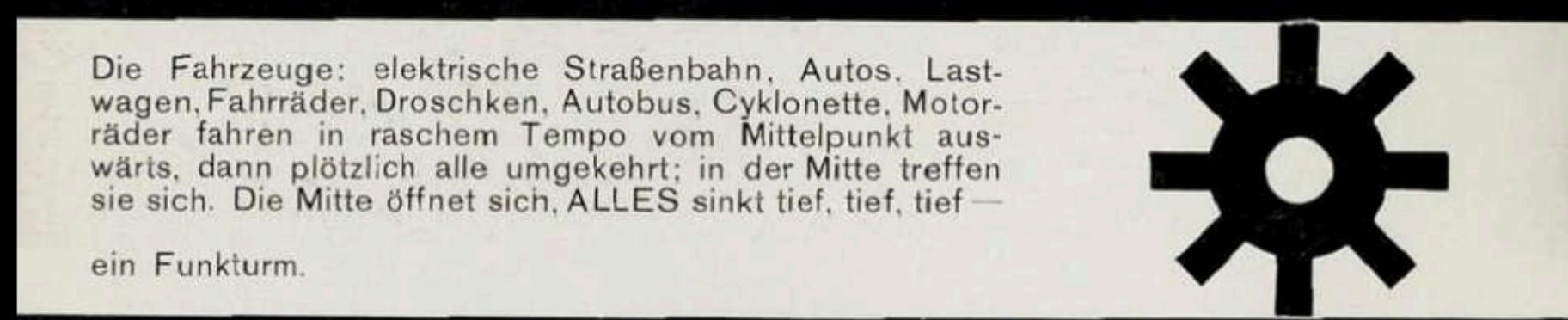
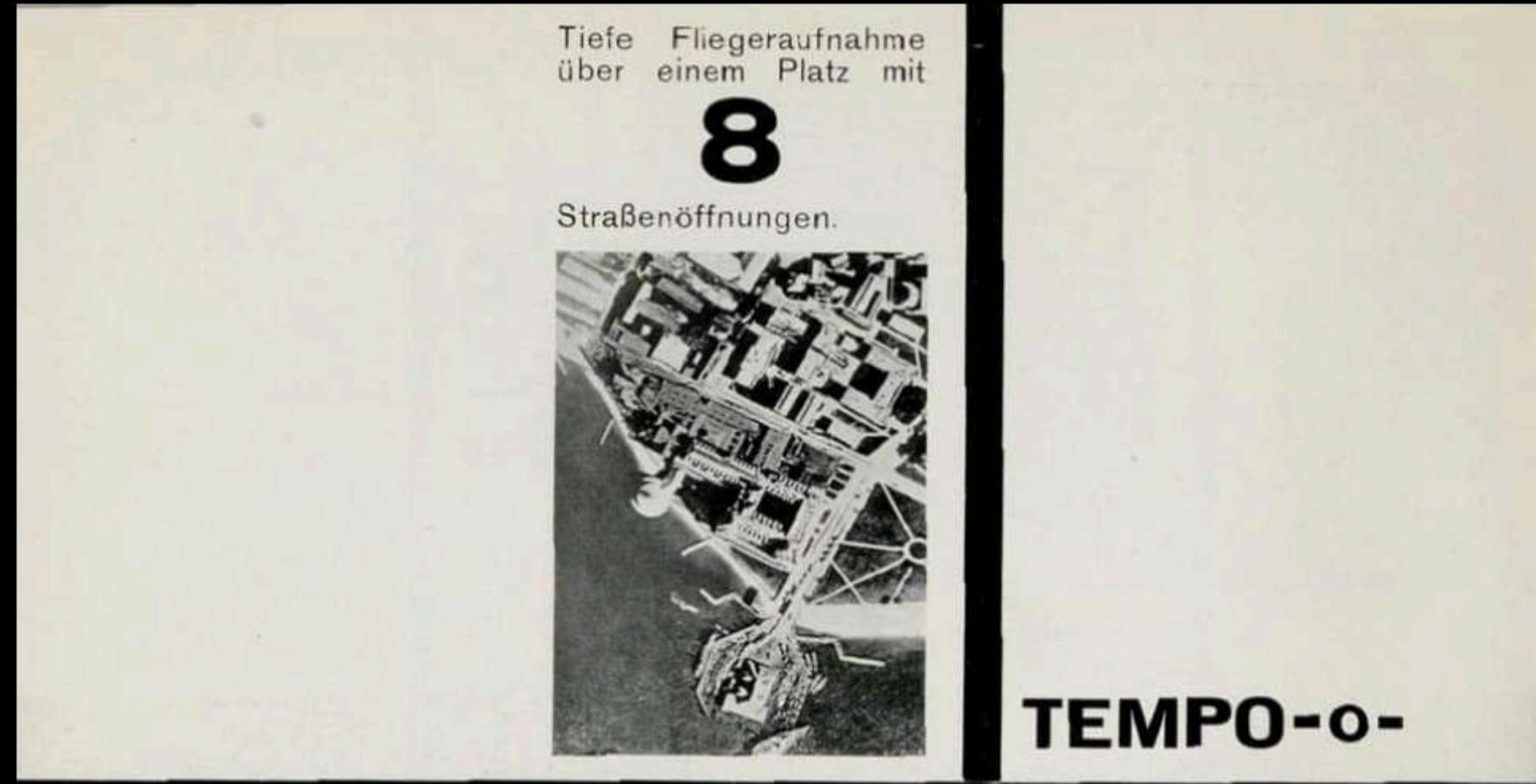
justify/align-items

defaults for justify/align-self



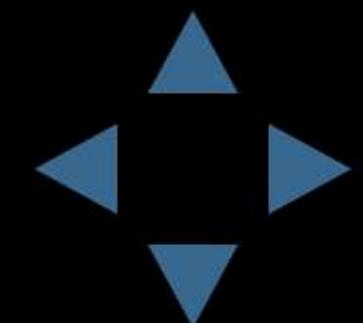
```
.items {  
  justify-items: normal;  
  align-items: normal;  
  
  display: grid;  
  grid-template-columns:  
  repeat(4, 1fr);  
  grid-gap: 1em;  
  grid-auto-rows: calc(25% -  
  1em);  
  grid-template-areas:  
    "a a b b"  
    "a a b b"  
    "c c d d"  
    "c c d d";  
}
```



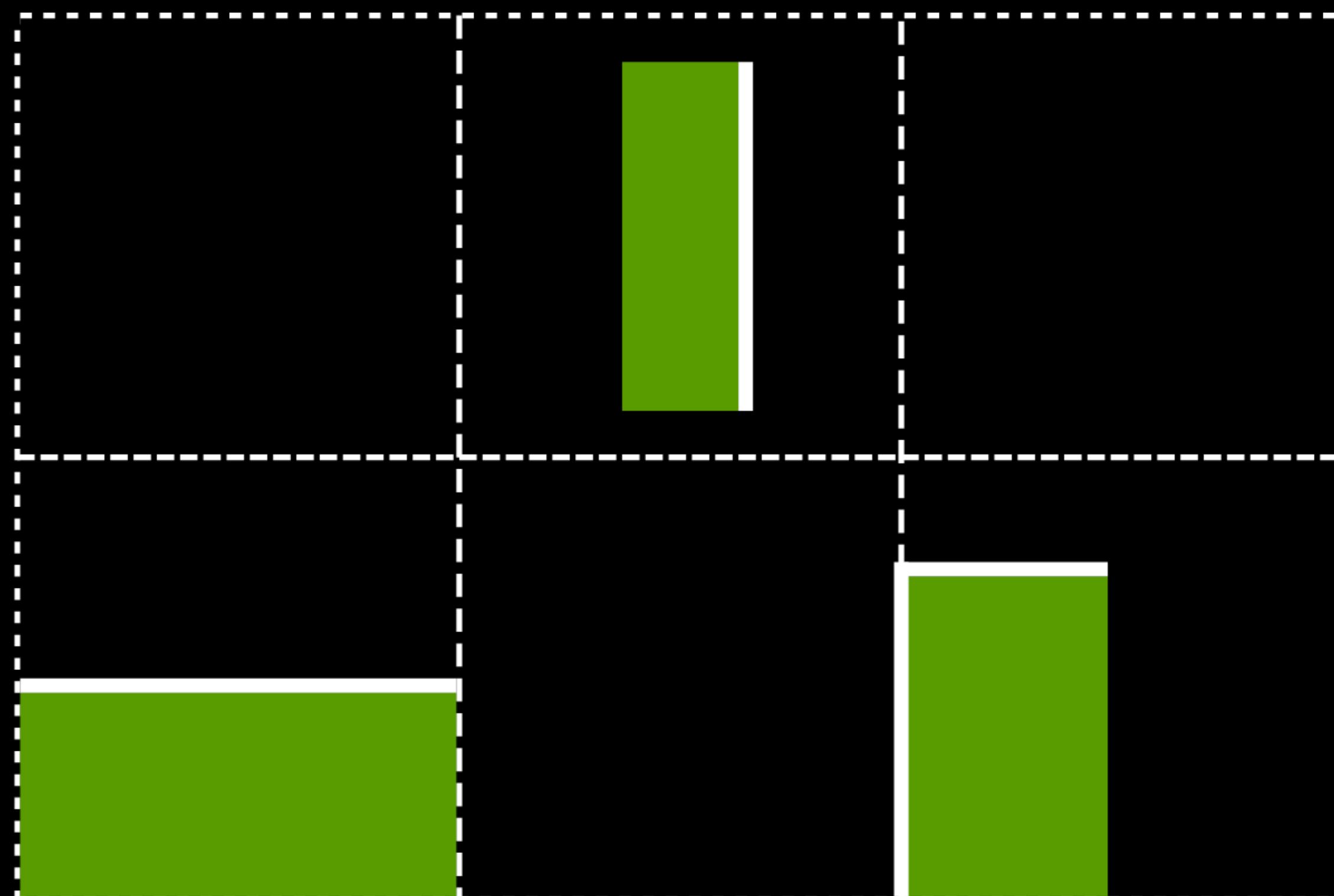


Original print version

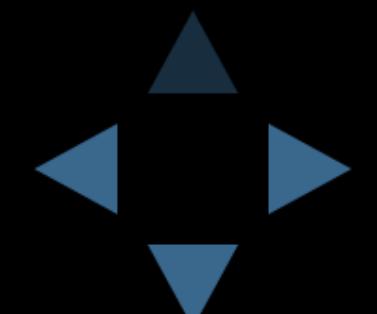
CSS grid web version



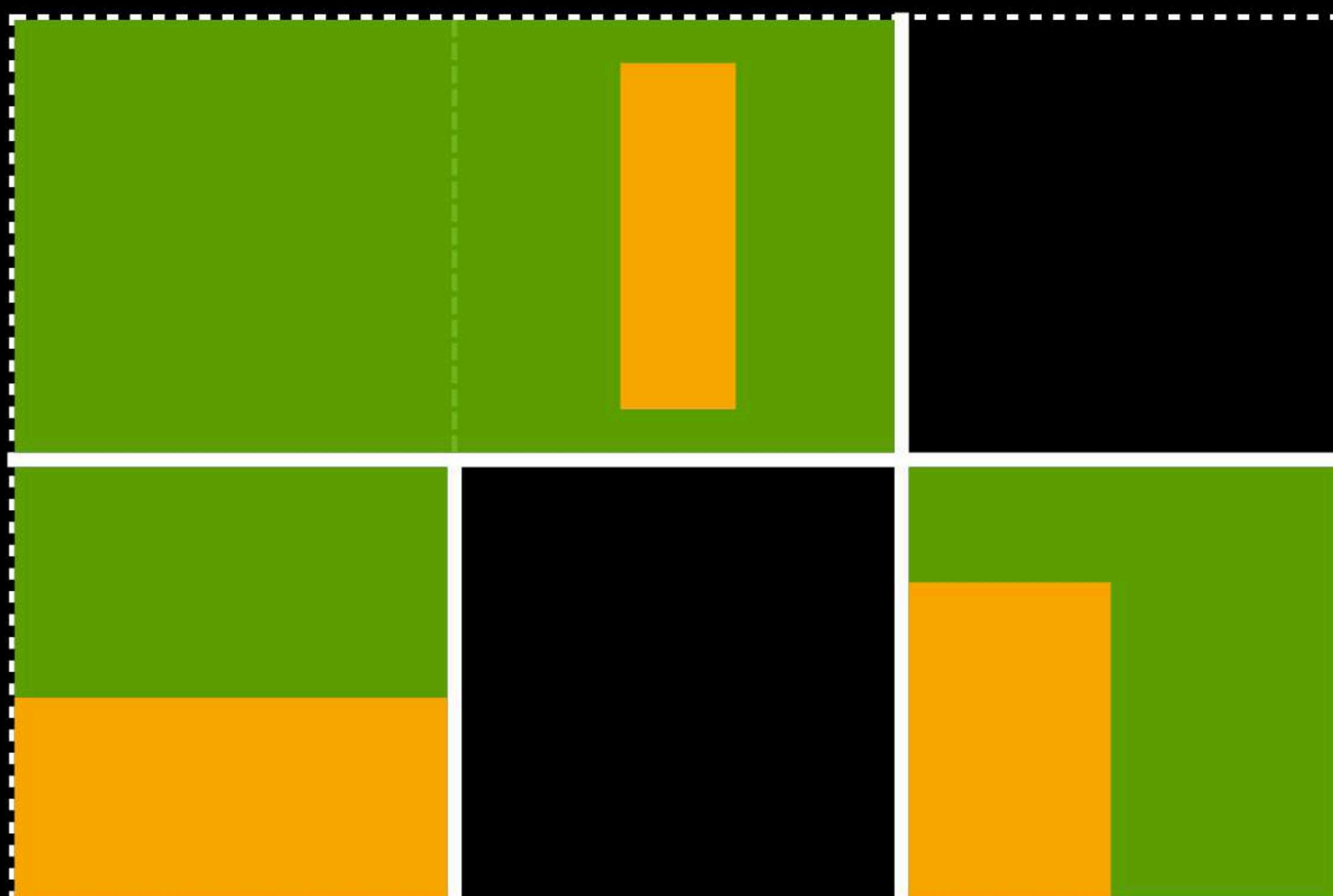
Self-alignment properties, maybe?



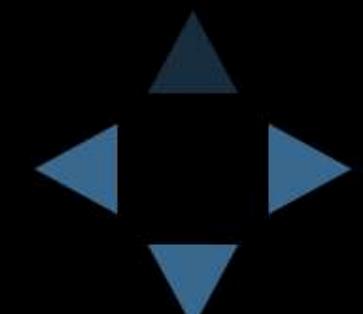
These are not the borders you are looking for



Flexbox to the rescue



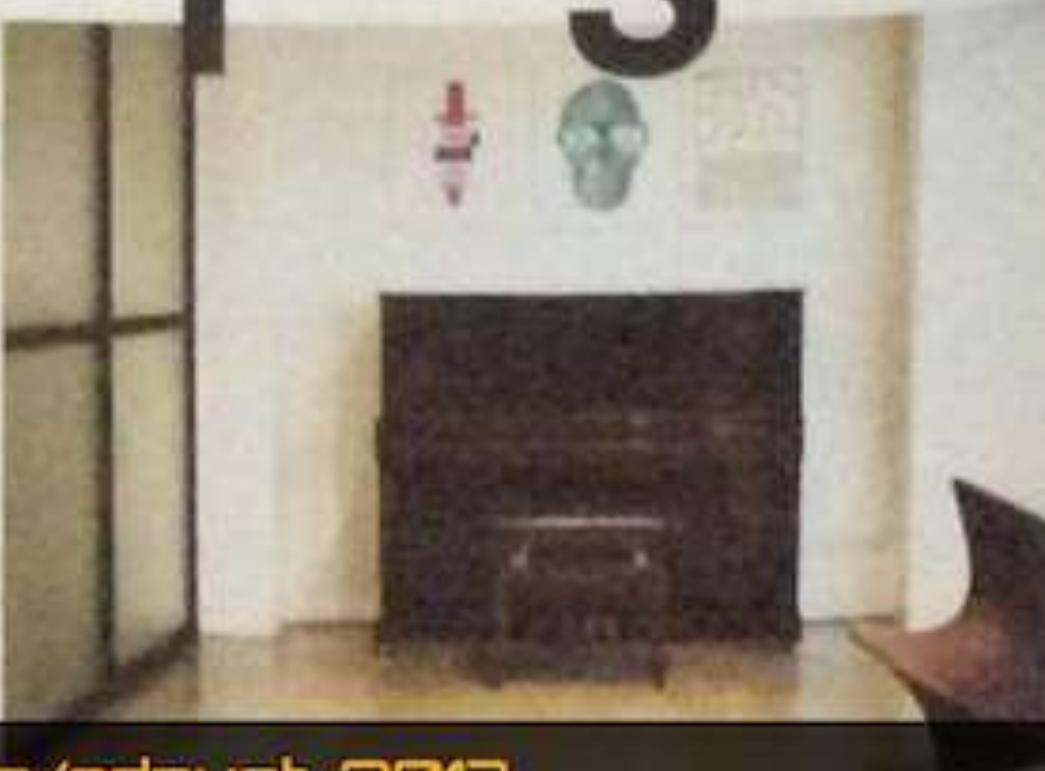
That's more like it







C • N N E
C T I N G
T H E
D T S



Vertical whitespace

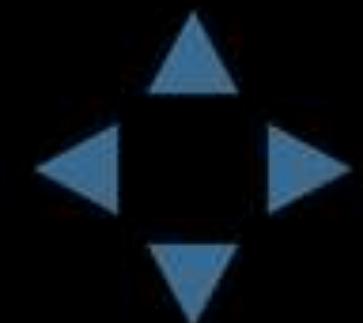
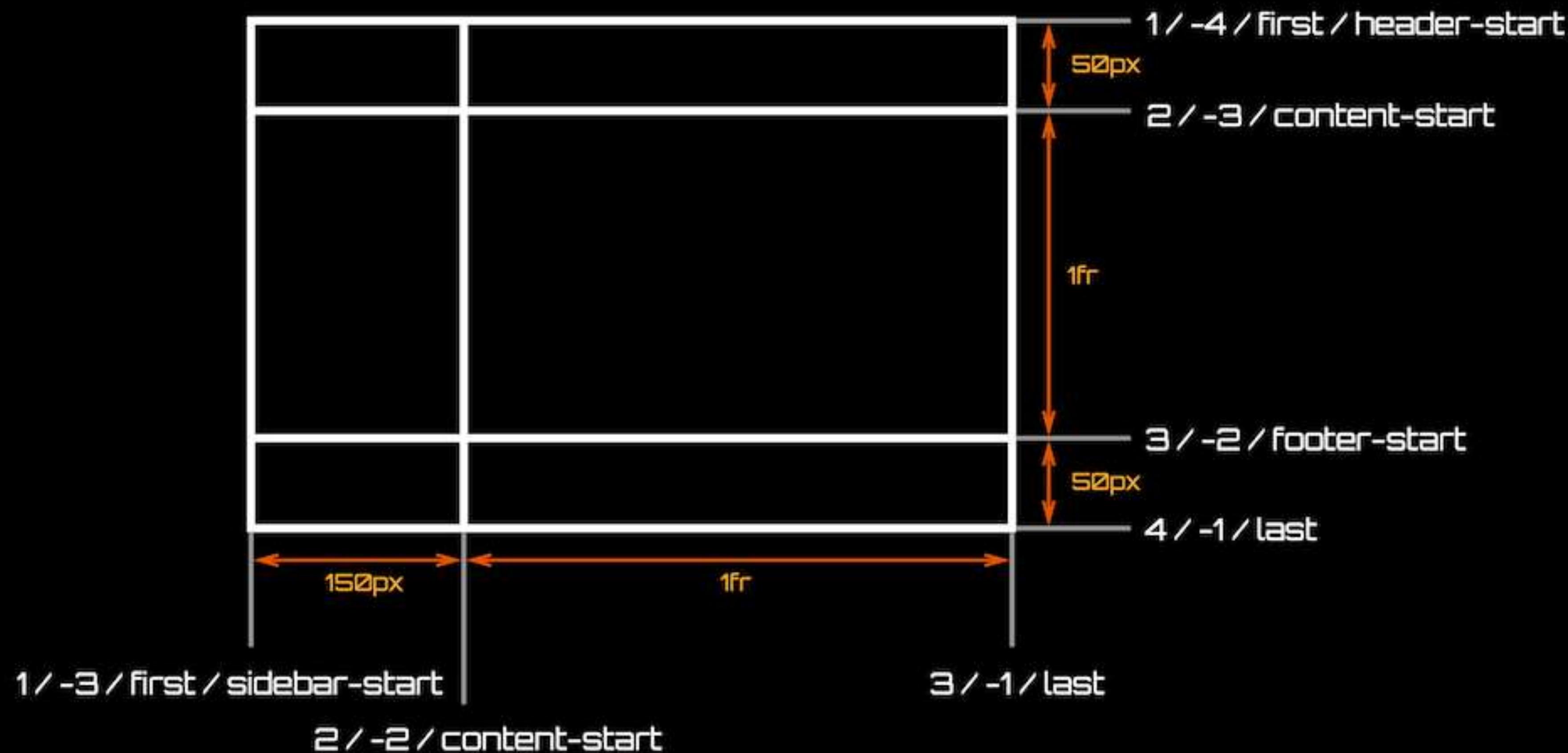


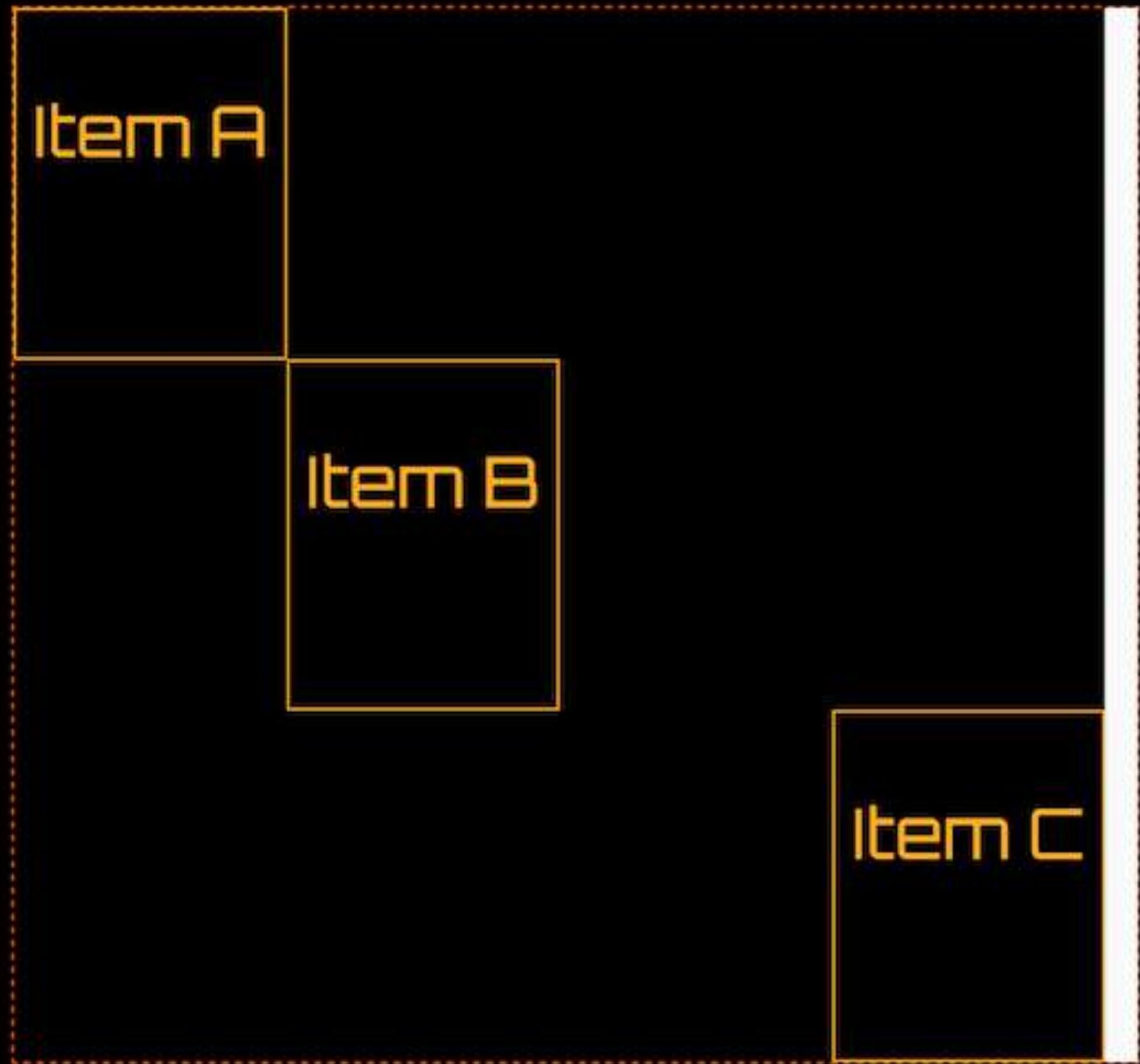
Founded in 2005, Whitespace is a culturally savvy design agency providing creative direction, branding and interactive services across various mediums, platforms and time zones.



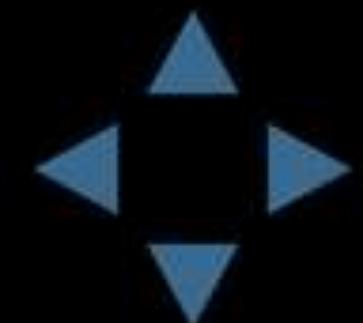
grid-row and grid-column

```
grid-template-columns: [first sidebar-start] 250px [content-start] 1fr [last footer-start]
grid-template-rows: [first header-start] 100px [content-start] 1fr [footer-start]
```





```
.whitespace {  
    display: grid;  
    grid-template-columns: repeat(4,  
    1fr);  
    grid-template-areas: "a . . ."  
                        ". b . ."  
                        ". . . c";  
}  
  
.a { grid-area: a; }  
.b { grid-area: b; }  
.c { grid-area: c; }
```



Braun HiFi Steuergerät audio 300

[title](#)

In der modernen Aufnahmetechnik
ist keine Mühe zu groß, kein

Aufwand zu kostspielig, um auch
allerletzte Feinheiten einer
Interpretation zu erhalten.

Demgegenüber gibt es aber nur
wenige HiFi Geräte die es
fertigbringen, den ganzen
Nuancenreichtum wieder vollends
hörbar zu machen.

Ein Gerät mit diesen Fähigkeiten ist
[das neue "audio 300"](#) eine
Kompaktanlage mit ungewöhnlicher
technischer Ausrüstung und einem
formalen Konzept, das Braun
höchste internationale
Auszeichnungen eintrug.

[text](#)

BRAUN



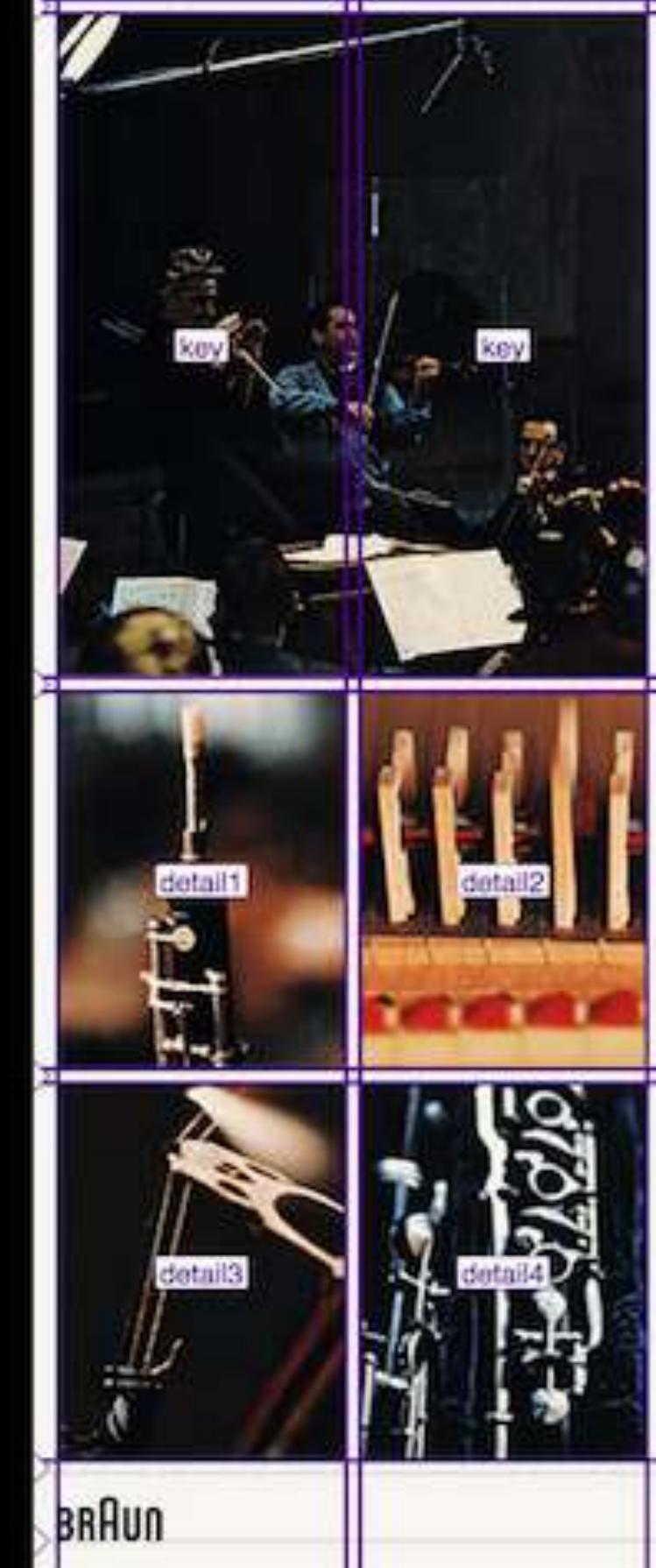
<h3>Braun HiFi Steuergerät audio 300</h3>	 <p>detail1</p>	 <p>key</p> <p>key</p>
<p>In der modernen Aufnahmetechnik ist keine Mühe zu groß, kein Aufwand zu kostspielig, um auch allerletzte Feinheiten einer Interpretation zu erhalten.</p> <p>text</p> <p>Demgegenüber gibt es aber nur wenige HiFi Geräte, die es fertigbringen, den ganzen Nuancenreichtum wieder vollständig hörbar zu machen.</p>	 <p>detail2</p>	 <p>key</p> <p>key</p>
<p>Ein Gerät mit diesen Fähigkeiten ist das neue "audio 300", eine Kompaktanlage mit ungewöhnlicher technischer Ausstattung und einem formalen Konzept, das Braun höchste internationale Auszeichnungen eintrug.</p> <p>text</p>	 <p>detail3</p>	 <p>detail4</p>

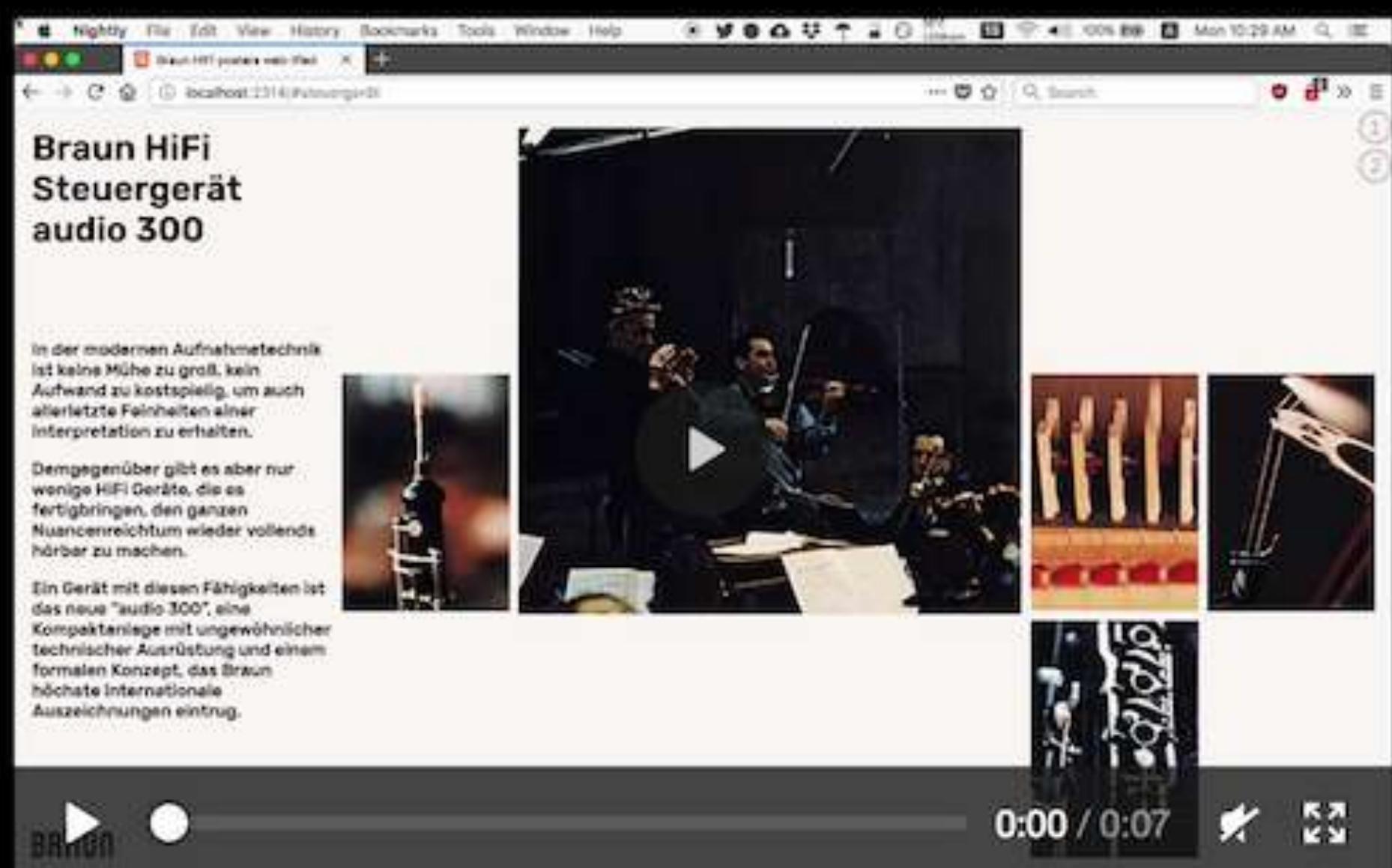
Braun HiFi Steuergerät audio 300

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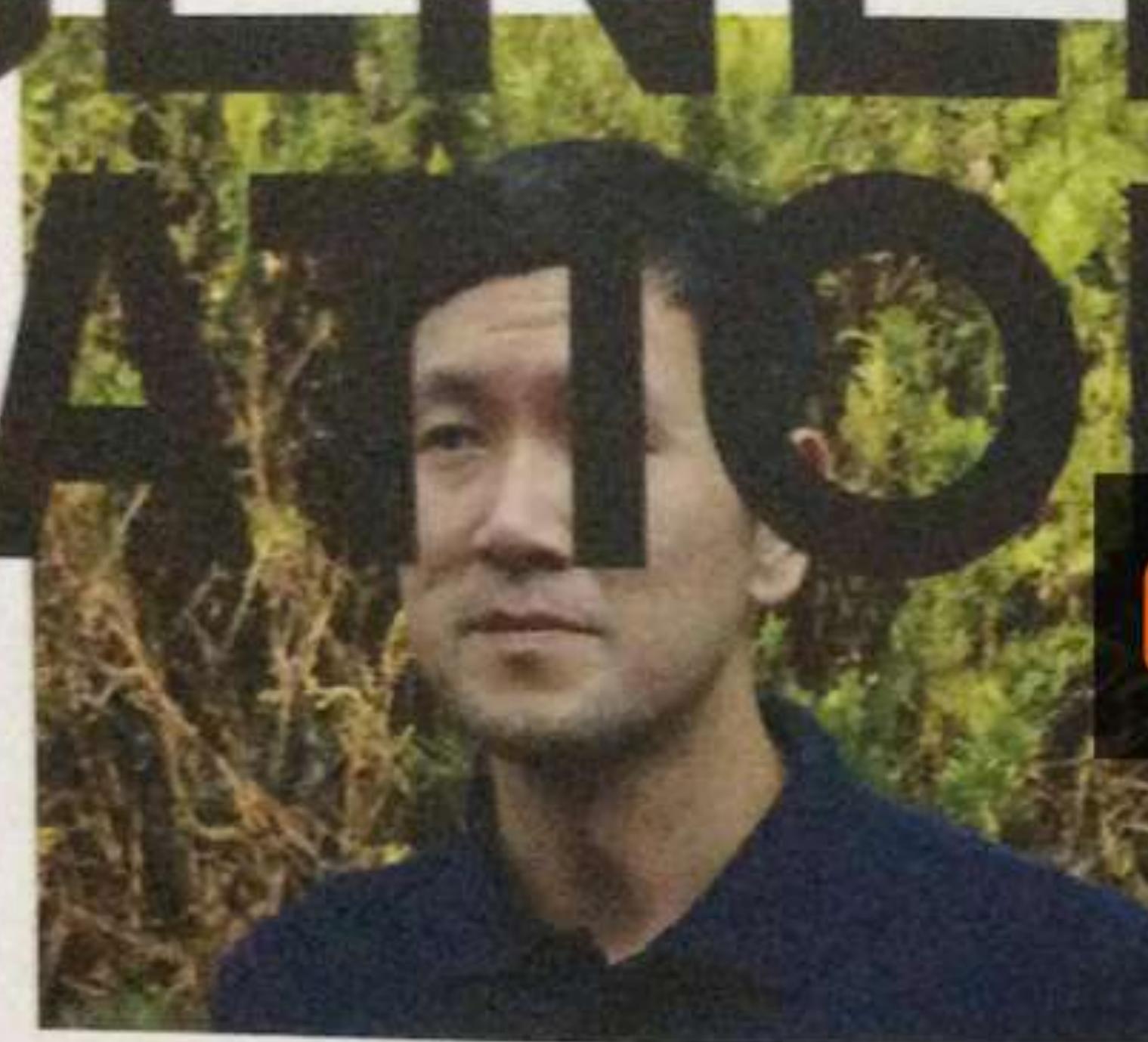




```
.steuergerät {  
    grid-gap: 0.5em;  
    grid-template-columns: 50% 50%;  
    grid-template-areas: "title title"  
                        "text text"  
                        "key key"  
                        "detail1 detail2"  
                        "detail3 detail4";  
}  
  
@media screen and (min-aspect-ratio: 1/1) and (min-width: 320px) {  
    .steuergerät {  
        grid-template-columns: 18.75em 1fr 1fr 1fr;  
        grid-template-rows: calc((100vh - 3em) / 3) calc((100vh - 3em) / 3);  
        grid-template-areas: "title detail1 key key"  
                            "text detail2 key key"  
                            "text detail3 detail4 braun";  
    }  
}  
  
@media screen and (min-aspect-ratio: 8/5) and (min-width: 1024px) {  
    .steuergerät {  
        grid-template-columns: 17.5em 1fr 3fr 1fr 1fr;  
        grid-template-rows: calc((100vh - 3em) / 3) calc((100vh - 3em) / 3);  
        grid-template-areas: "title . key . ."  
                            "text detail1 key detail2"  
                            "text . . detail4 .";  
    }  
}
```



GENERATION Overlap



http://www.h55studio.com

Tuesday 10th May
Hanson Ho

With his bold, stripped-back typographic approach, Hanson Ho founded H55 in 1999. It is now one of the most recognised and celebrated graphic design studios in Singapore.

HANSON HO IS VERY BUSY AS WELL AS RUNNING H55, HE IS AN ACTIVE MEMBER OF THE DESIGN SOCIETY AND HANDLES DESIGN AND PRODUCTION OF THEIR BIANNUAL JOURNAL. HOWEVER, WE MANAGE TO ARRANGE AN EARLY MEETING OVER BREAKFAST AT SHIBUYA PRATA SHOP NEAR THE STUDIO. WE OPEN BY SAYING THAT SINGAPORE IS FREQUENTLY MENTIONED AS THE GRAPHICS HUB OF SOUTHEAST ASIA...

HANSON I think Hong Kong is very vibrant compared to Singapore. They've had a very strong identity throughout the years, even in the eighties, I think it has to do with language and less diversity, whereas here, identity is always a problem. Look at Japan and, yeah,

much influenced by European culture and traditions. So I'm quite surprised you say that Hong Kong has a wider creative industry – they have a music industry, places like Taiwan have big stars, movie stars, film makers. Here there is nothing like that, the population is too small.

How you can say change in the time you've been designing now?

Things have changed here a lot in the last ten years. The last generation was kind of traditional, quite hierarchical – studios, consultants, strategists, that kind of thinking from the nineties. Not very progressive. My peers didn't want to be like our predecessors, so we say "Why can't we be like the studios in London?" We actually referenced London a lot, that's the truth. We admired people like Tomasz and the Designers Republic, we read Creative Review and wanted to get into DEAD. Things like that. It was kind of a resonance, if you were there at the right time to witness all of this. And as we started our own small studios with a more independent voice – the studios had their own individualistic representation, rather than consultants, strategists, that's how... So, I think things have changed a lot. It's easier now to set up a new business with new technology; we don't need a studio manager.

So as well as your own studio, you also setup The Design Society here in Singapore. How did things start out?

The Design Society is fairly new, it was set up a few years ago when the designers from my generation were stable and not struggling as much as when we started. We felt we should try to do something together.

What are the objectives of The Design Society?

We are interested in archiving Singapore's design history, to map it, and also to offer a nice yearly conference. We have maybe four or five conferences a year.

THINK GLOBAL GROW LOCAL



FIGTREE NETWORK

www.figtreenetwork.com

Wednesday 27th April
David Brabbins

Already an established consultancy in London and Paris, Figtree Network branched out to Hong Kong in 2010. David Brabbins tells us why.

Marketing "Taiwan Direct Since" for the Bureau of Foreign Trade, Taiwan



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www.taiwantrade.gov.tw

How did Figtree network get started?

We are about seven years old. Orange was the foundation client; I joined shortly after it was incorporated. You need eight good clients for an agency. HTC is our most recent large one and we have a couple more big ones in the UK right now.

OK, so how many offices does Figtree have?

Three. We've got London – which is our HQ – there are about forty people there. About three or four work in Paris, then eight of us here in Hong Kong.

Did you initially work in the London branch?

Yeah. Back in the days when we were three guys in a garage, just like Google!

What brought you to Hong Kong?

Opportunity and change of scene. I was getting a bit bored with London; the weather (not the heat), high tax, low growth... I found that I kept staying over at Hong Kong when I was on my way to Taiwan to meet with HTC. I used to come here before flying back to London to catch up with some mates. I gradually fell in love with the place, so I thought "Well, what we do could work here," so here we are.

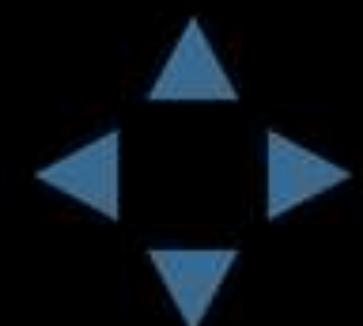


Before we leave, did you travel with the HTC design team?

@hj_chen



```
.container {  
    display: grid;  
    grid-template-columns: repeat(9, 1.  
    grid-template-rows: repeat(6, 1.25e  
}  
  
h2 {  
    grid-row: 3 / 5;  
    grid-column: 1 / 10;  
}  
  
.container::before {  
    grid-row: 1 / 7;  
    grid-column: 1 / 7;  
}  
  
.container::after {  
    grid-row: 1 / 7;  
    grid-column: 4 / 10;  
}
```



Building a grid layout

ARTIST SPOTLIGHT

STREAM SINGLE

Tycho

9.24.16 PHILADELPHIA
THE ELECTRIC FACTORY

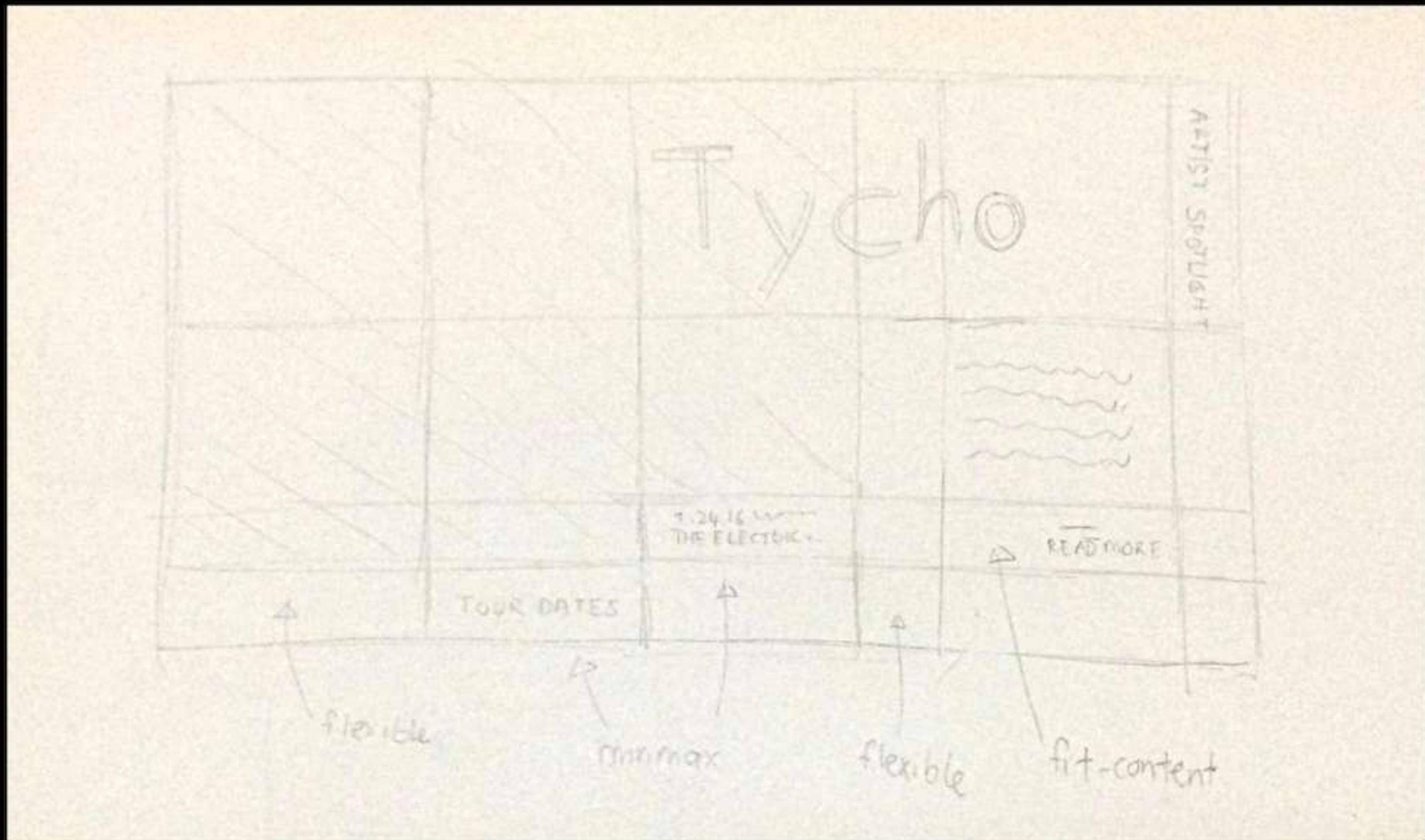
TOUR DATES

READ MORE

Design credit: Drew Sullivan



@hj_chen



Good ol' pencil and paper



Tycho

Artist Spotlight

Tycho is an American ambient music project led by Scott Hansen as primary composer, songwriter and producer. Hailing from San Francisco, California, he is known as ISO50 for his photographic and design works. His music is a combination of downtempo vintage-style synthesizers and ambient melodies.

[Read more](#)



10.2.2010 Toronto
The Drake Hotel

[Tour dates](#)

Markup without any CSS

Tycho

ARTIST SPOTLIGHT

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[READ MORE](#)



10.2.2010 TORONTO
THE DRAKE HOTEL
[TOUR DATES](#)

Basic styles



@hj_chen

**“Websites do NOT have to look the
same in every browser.”**



Tycho

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[READ MORE](#)



10.2.2010 TORONTO
THE DRAKE HOTEL

[TOUR DATES](#)

Fallback layout

```
: -ms-input-placeholder, :root main {
    display: block;
}

h1 {
    margin-bottom: 0.25em;
}

h2 {
    margin-bottom: 1em;
}

.about {
    margin-bottom: 1em;
}

a {
    margin-bottom: 2em;
}

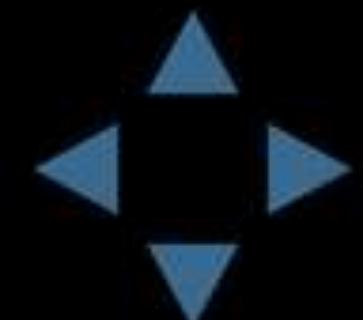
button {
    padding: 1em 2em;
    position: absolute;
    right: 1em;
    bottom: 1em;
}
```





CSS grid in action

```
@supports (display:grid) {  
  @media (min-width: 42em) and (min-height: 250px) {  
    main {  
      max-width: none;  
      padding: 0;  
      display: grid;  
      grid-template-columns: 2fr minmax(10em, 1fr);  
      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;  
      grid-column: 6 / 7;  
      writing-mode: vertical-rl;  
      margin-bottom: initial;  
      color: $text;  
    }  
  }  
}  
h2 {  
  grid-column: 6 / 7;  
  grid-row: 1 / -1;  
  writing-mode: vertical-rl;  
  margin-bottom: initial;  
  color: $text;  
}
```





Tycho

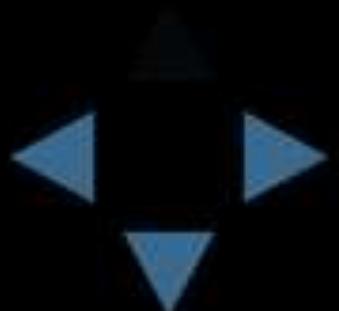
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READ MORE



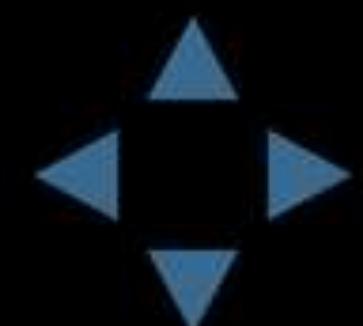
Fallback with feature queries

A conditional group rule whose condition tests whether the user agent supports CSS property:value pairs.





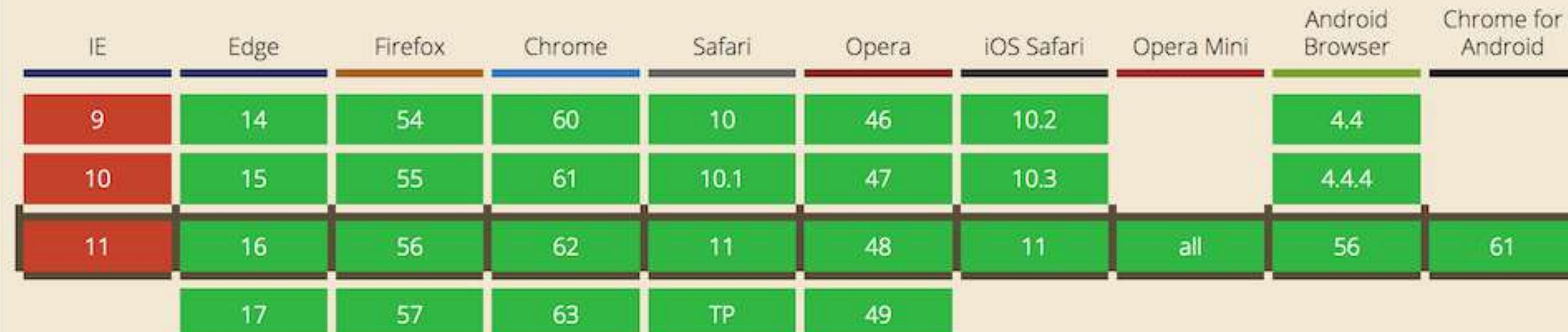
```
main {  
    display: flex;  
    flex-wrap: wrap;  
    justify-content: space-between;  
}  
  
.title {  
    width: 100%;  
}  
  
.card {  
    flex: auto;  
    min-width: 12em;  
    height: 12em;  
}
```



Browser support for @supports

CSS Feature Queries

CSS Feature Queries allow authors to condition rules based on whether particular property declarations are supported in CSS using the @supports at rule.



  Partial Support

Global: 92.59% + 0% = 92.59%

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





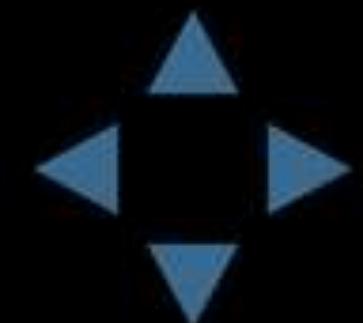
```
@supports (display:grid) {
  main {
    display: grid;
    grid-template-columns: repeat(2, 1fr);
    grid-auto-rows: 8em;
  }

  .title {
    width: initial;
  }

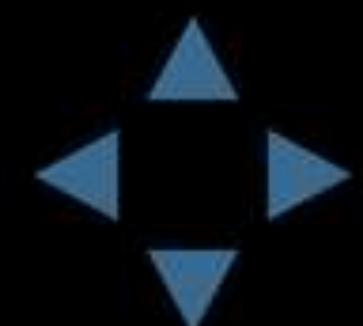
  .card {
    min-width: initial;
    height: initial;
  }

  @media screen and (max-width: 380px) {
    main {
      grid-template-rows: 3em repeat(2, 1fr);
    }
  }

  @media screen and (min-aspect-ratio: 16/9) {
    main {
      grid-template-columns: repeat(2, 1fr);
      grid-template-rows: repeat(2, 1fr);
      grid-template-areas: "a b" "c d";
    }
  }
}
```



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



The world is more connected than ever before, resulting in an economy and a business environment that is increasingly volatile and uncertain. Innovation has been touted as the cure-all to surviving in such a risky climate, but often, organizations that try to implement innovation initiatives fail to see tangible results. And there can be a myriad of reasons for failure, from unrealistic expectations with regards to resources and time required, to excessive emphasis on idea generation over execution.

We believe that innovation is a collaborative process whereby organizations transform ideas into new/improved products, service or processes in order to advance, compete and differentiate themselves successfully in their market. The most important thing for organizations is to maximize the value of their innovation processes. Wismut Labs has proven expertise in helping organizations develop their own competitive edge through the adoption of modern and/or emerging technologies.

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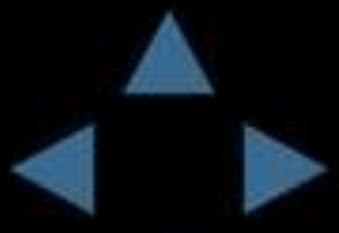
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<https://www.wismutlabs.com>



“CSS isn't a programming language.
It's a stylesheet language. We
shouldn't expect it to behave like a
programming language. It has its own
unique landscape and structures,
ones that people with programming
language mental maps might not
expect.”

—Danielle Huntrrods



Shape the web we use and build for

- CSS specifications are all on GitHub
- Raising browser bugs can and does make a difference
- Write and talk about CSS features
- Browser developers are people too, provide feedback and be nice about it.



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The CSS Layout Workshop

Learn CSS layout with straightforward and practical examples. A course designed to remove layout confusion for good!

Does this sound familiar?

- " I love designing a site, but then find I have to compromise the design when it comes to building it with CSS.
- " My approach to building layouts is to try things, reload and see what happens.
- " I use a framework to do my layouts. I'd love to know what it is really doing under the hood.
- " Once I get my CSS working I'm afraid to make changes in case it all falls apart again!
- " I've never really understood why margins collapse.

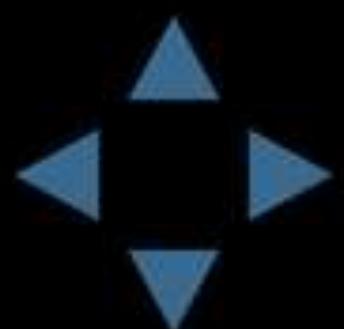
Study of Writing Modes

Return of the 1990s

Other Experiments

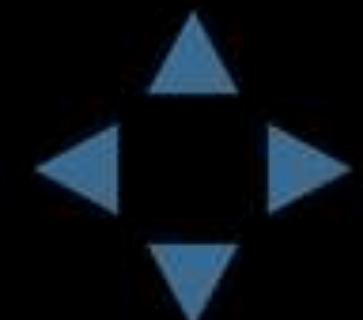
<https://thecssworkshop.com/>

<http://labs.jensimmons.com/>



Demos and examples

- Space Jam website
- Regular grids
- Braun HiFi print posters
- Simple overlap
- Tycho artist profile
- Fallback with feature queries
- Wismut Labs website
- Demos source code on GitHub



Useful resources

- CSS Grid Layout Module Level 1
- Codrops CSS Grid reference
- Grid by Example
- Learn CSS Grid
- Grid Auto-Placement Is Ready
- Automatizing the Grid
- Deep Dive into Grid Layout Placement
- CSS Grid Layout and positioned items
- The Story of CSS Grid, from Its Creators
- CSS Grid Layout is Here to Stay
- The New Layout Standard For The Web: CSS Grid, Flexbox And Box Alignment



Thank you!



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