

HTML PICNIC



Responsive web design. Что это и как использовать

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MARCOTTE**



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Что почитать

- <http://www.abookapart.com/products/responsive-web-design>
- <http://mattkersley.com/responsive/>
- <http://webdesignerwall.com/tutorials/css-elastic-videos>
- <http://csswizardry.com/fluid-grids/>
- <http://mediaqueri.es/>
- <http://www.smashingmagazine.com/2011/07/22/responsive-web-design-techniques-tools-and-design-strategies/>
- <http://css-tricks.com/css-media-queries>



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ЭТО - ДА



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A TAK?



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Что: подход

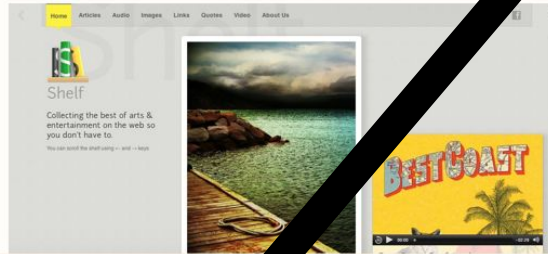
Проектирование и разработка должны отвечать пользовательскому поведению и контексту на основании размера экрана, платформы и ориентации.

Hicksdesign create web sites, user interfaces, branding and icons, as well as designing for print



HICKSDESIGN

SHELF THEME FOR WORDPRESS AND TUMBLR



ABOUT

Hicksdesign is the creative partnership of Jon (new-fangled media projects) & Leigh (print design and handmade crafts) Hicks, set up in 2002. We've built a reputation for being friendly and easy to work with.

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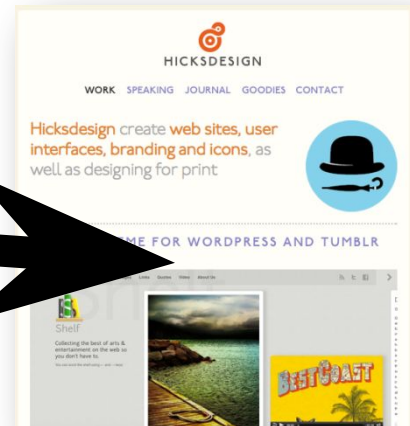
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Как: адаптация

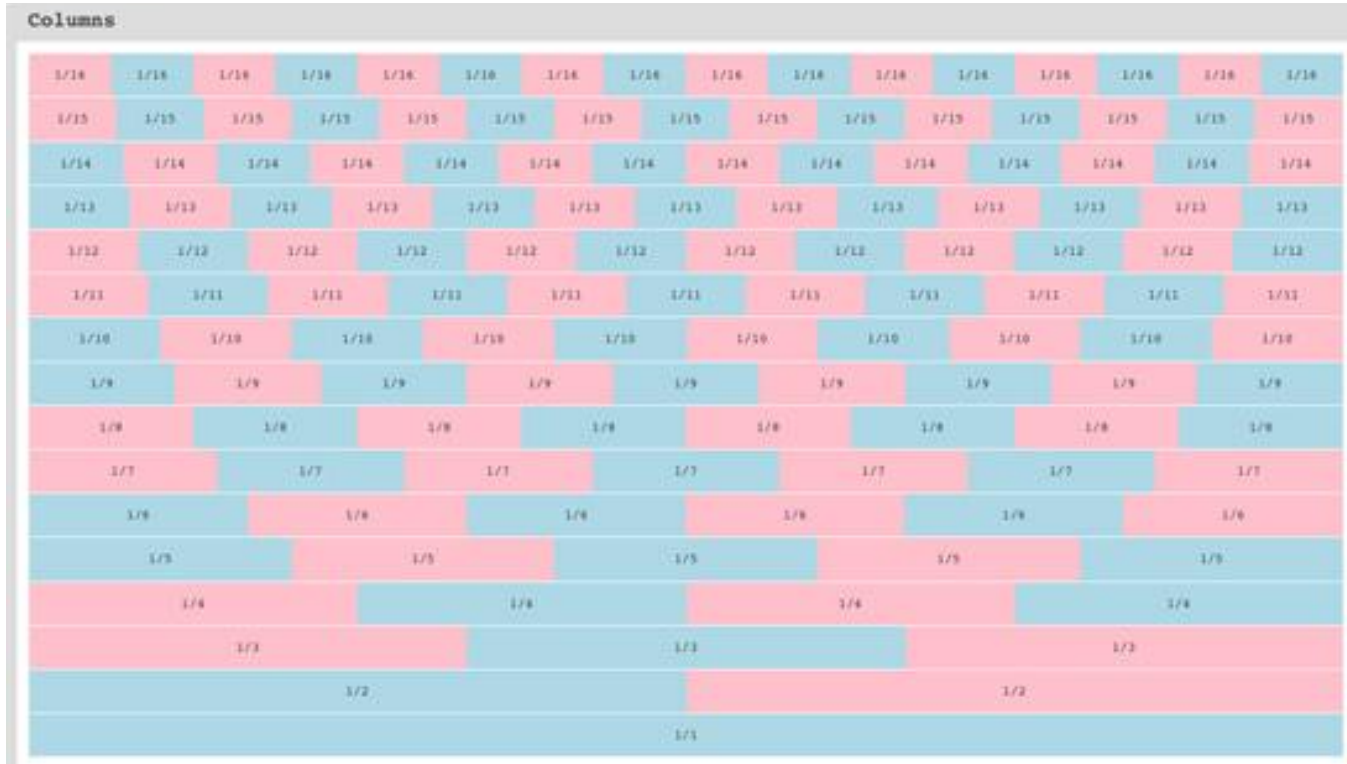
- Гибкая сетка и разметка
- Медиа
- Разумное использование CSS

Fluid Grid

<http://alistapart.com/articles/fluidgrids>

target ÷ context = result

max-width: 61.75em; /* 988px / 16px = 61.75em */





Flexible Media

1. `img, embed, object, video` {
`max-width: 100%;`
}
2. `overflow: hidden`
3. JS для загрузки
подходящего контента

@media

<http://w3.org/TR/css3-mediaqueries>

Media queries

- height
- width
- device-height
- device-width
- orientation
- aspect-ratio
- device-aspect-ratio
- color
- color-index
- monochrome
- resolution
- scan
- grid

Процесс

Создание идеальных макетов(рх) делает
тяжелым невозможным рассуждения об
«отзывчивости» интерфейса.



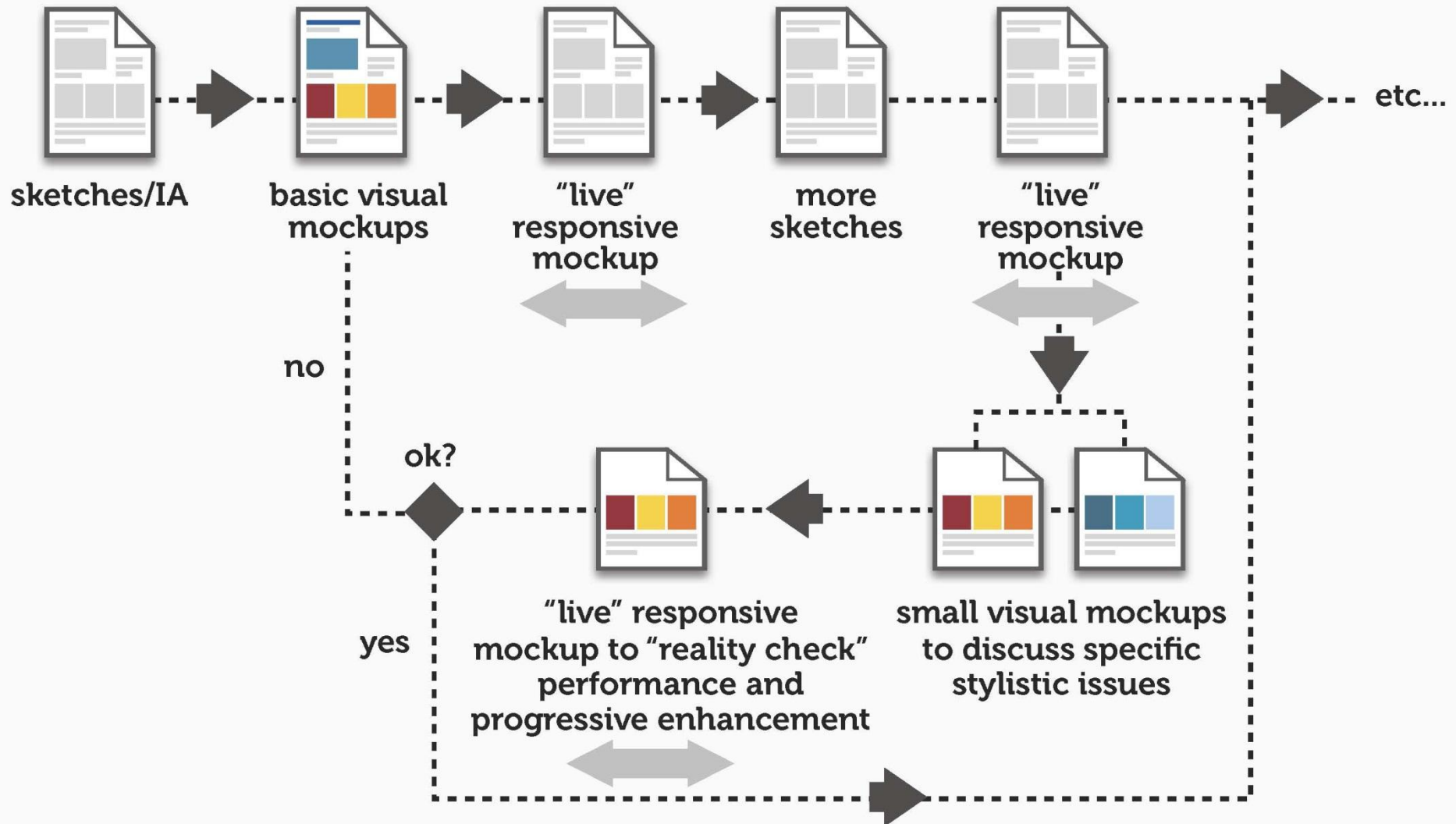
ЕСЛИ НЕТ ПРОЦЕССА

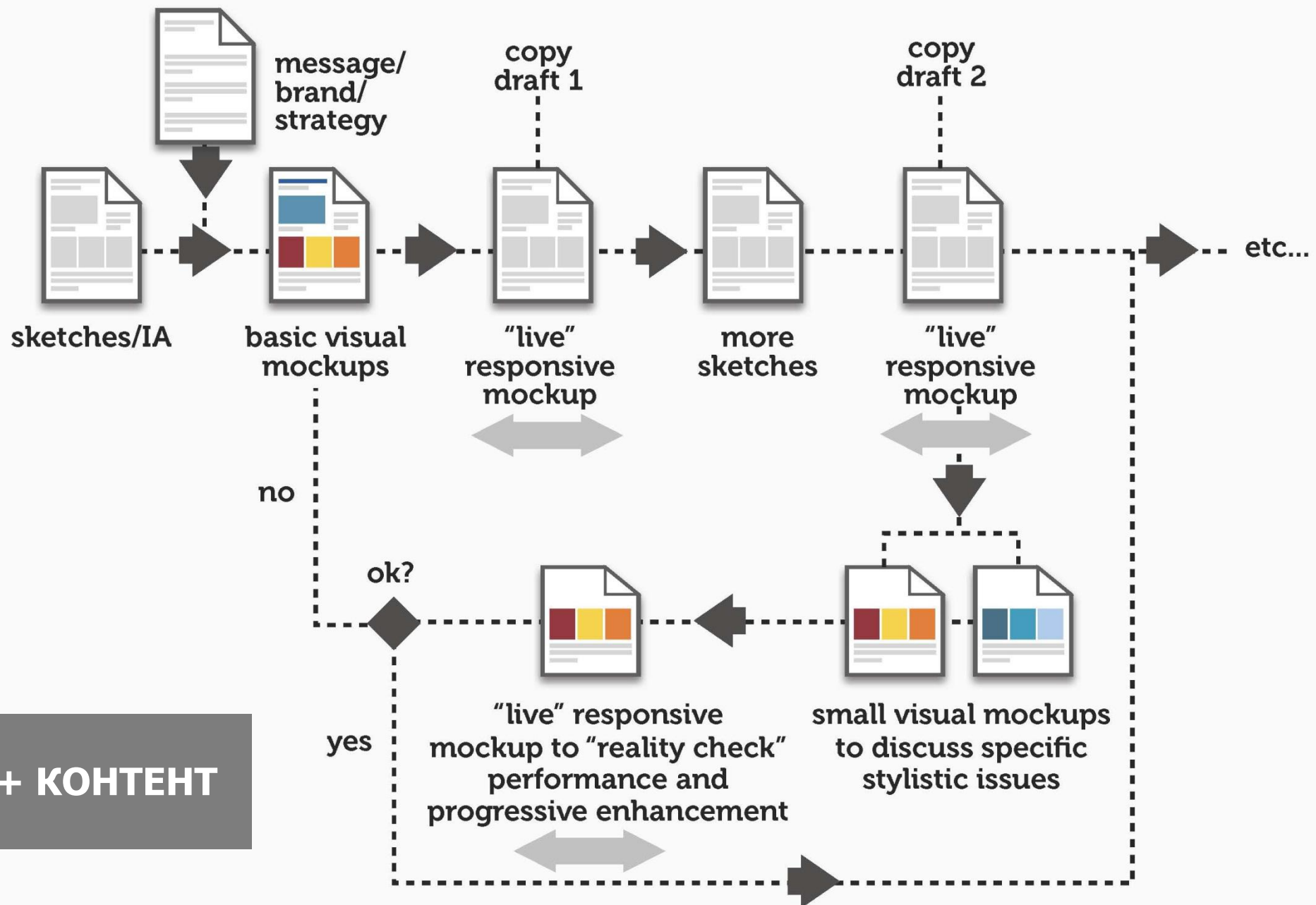
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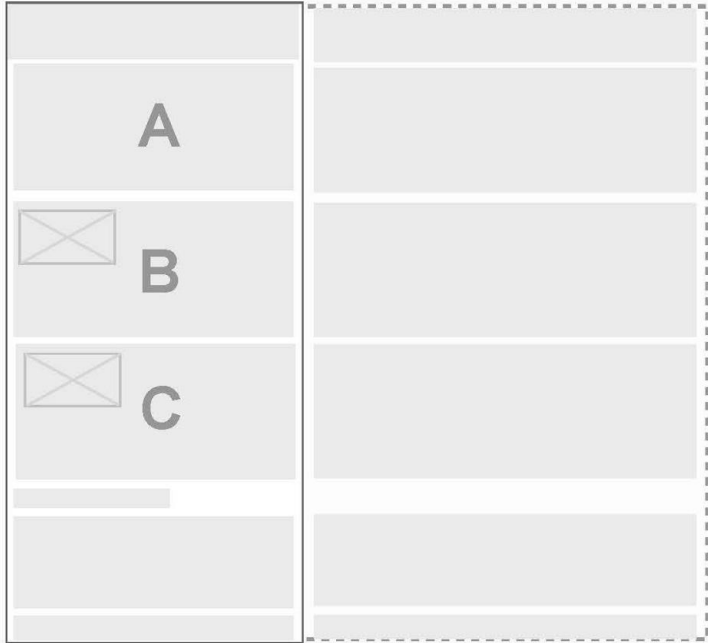


+ KOHTEHT

“

*The absence of a media query
is in fact,
the first media query.*

Bryan Rieger, Rethinking the Mobile Web

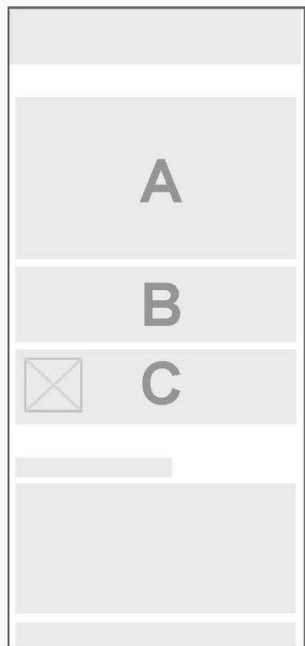


БЕЗ MEDIA QUERY

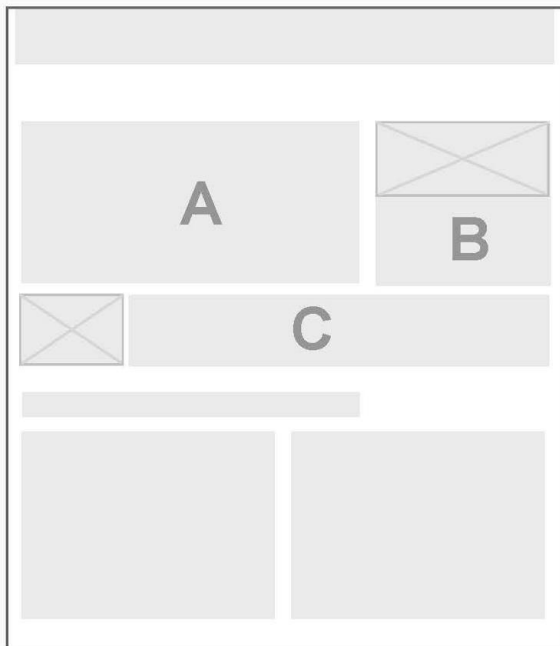
breakpoint

breakpoint

style sheet 1



< **xx** px wide

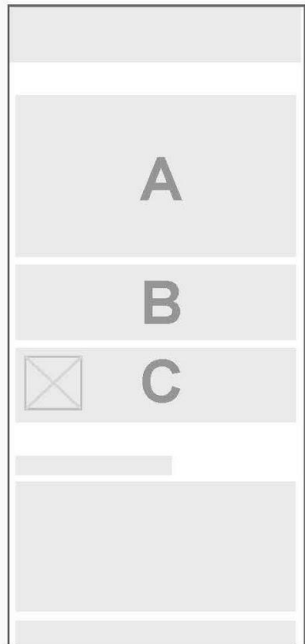


xx px to **xxx** px

ДОПОЛНЯЕМ

breakpoint

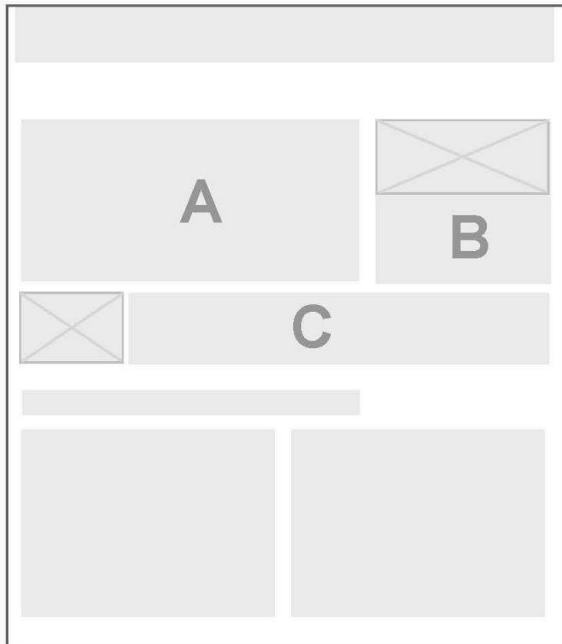
style sheet 1



< **xx** px wide

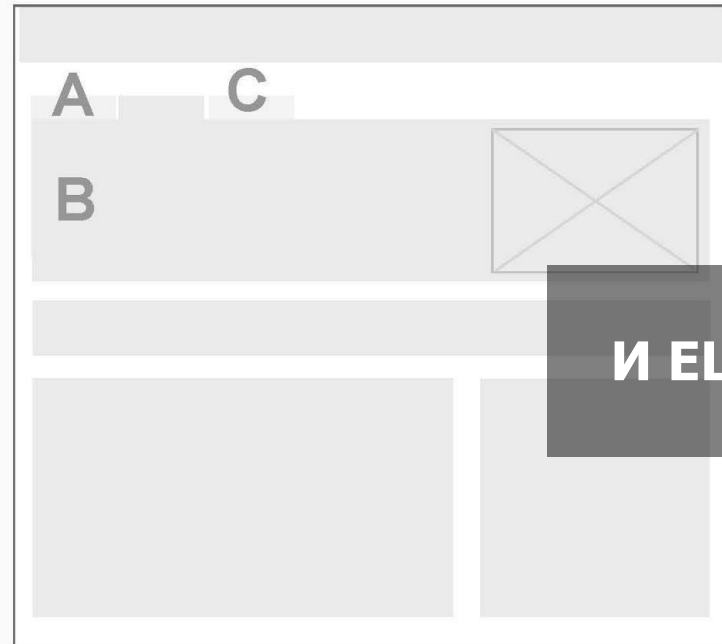
breakpoint

style sheet 2



xx px to **xxx** px

breakpoint



>**xxx** px wide

И ЕЩЕ РАЗ

**УСТРОЙСТВА
ПРОДОЛЖАЮТ
ГРУЗИТЬ ЛИШНЕЕ**



styles.css



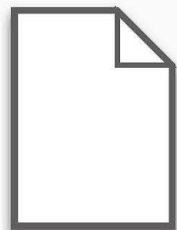
```
@media {  
(min-width: 320px)  
}
```

```
@media {  
(min-width: 480px)  
}
```

```
@media {  
(min-width: 640px)  
}
```

```
@media {  
(min-width: 768px)  
}
```

**ГЛАВНОЕ
РАЗБИЕНИЕ**



basic.css



mobile.css



desktop.css



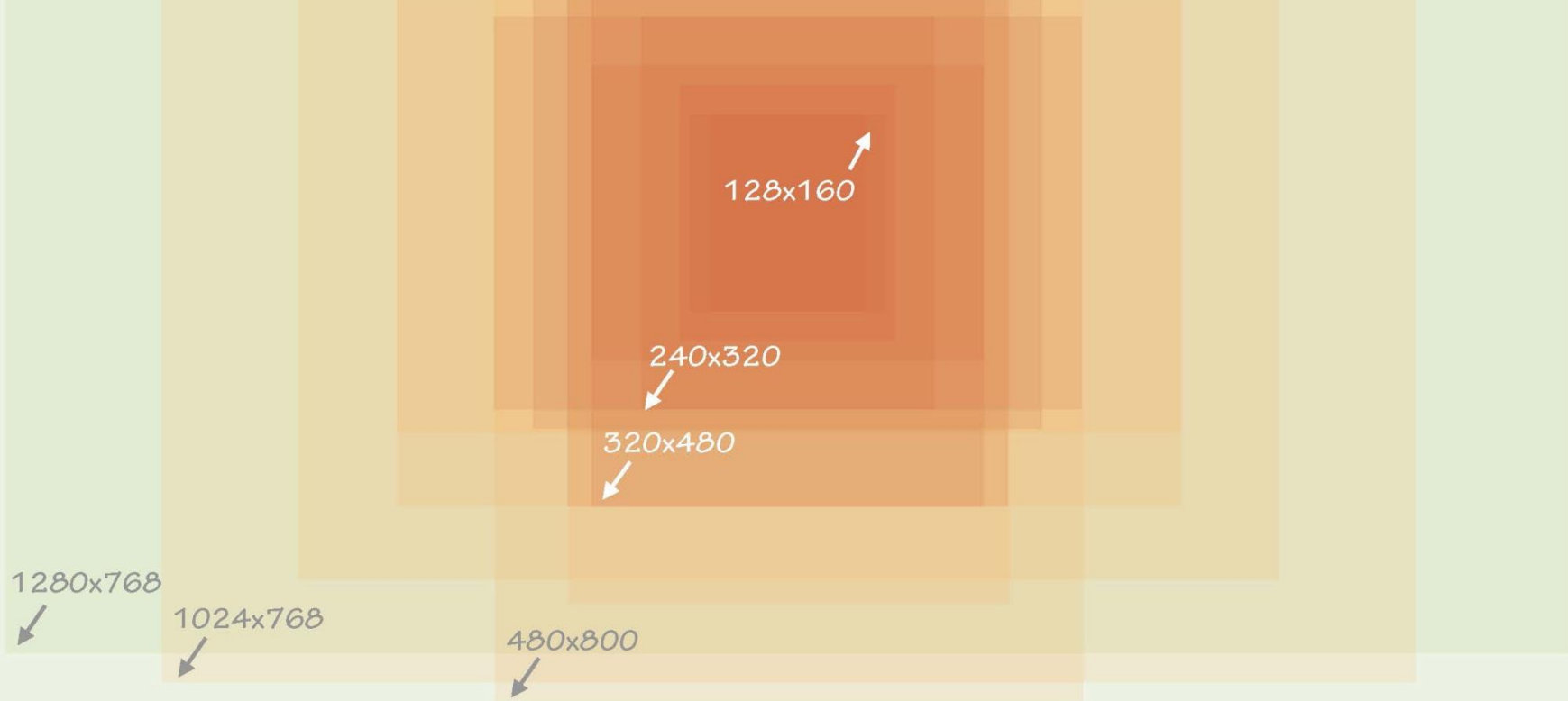
**ВТОРОСТЕПЕННОЕ
РАЗБИЕНИЕ**

```
@media {  
  (min-width: 480px)  
}
```

```
@media {  
  (min-width: 640px)  
}
```

```
@media {  
  (min-width: 768px)  
}
```

Как правильно определить?



- 1) Статистика
- 2) Контент

БРАУЗЕРЫ ПРИТВОРЯЮТСЯ

480PX



320PX

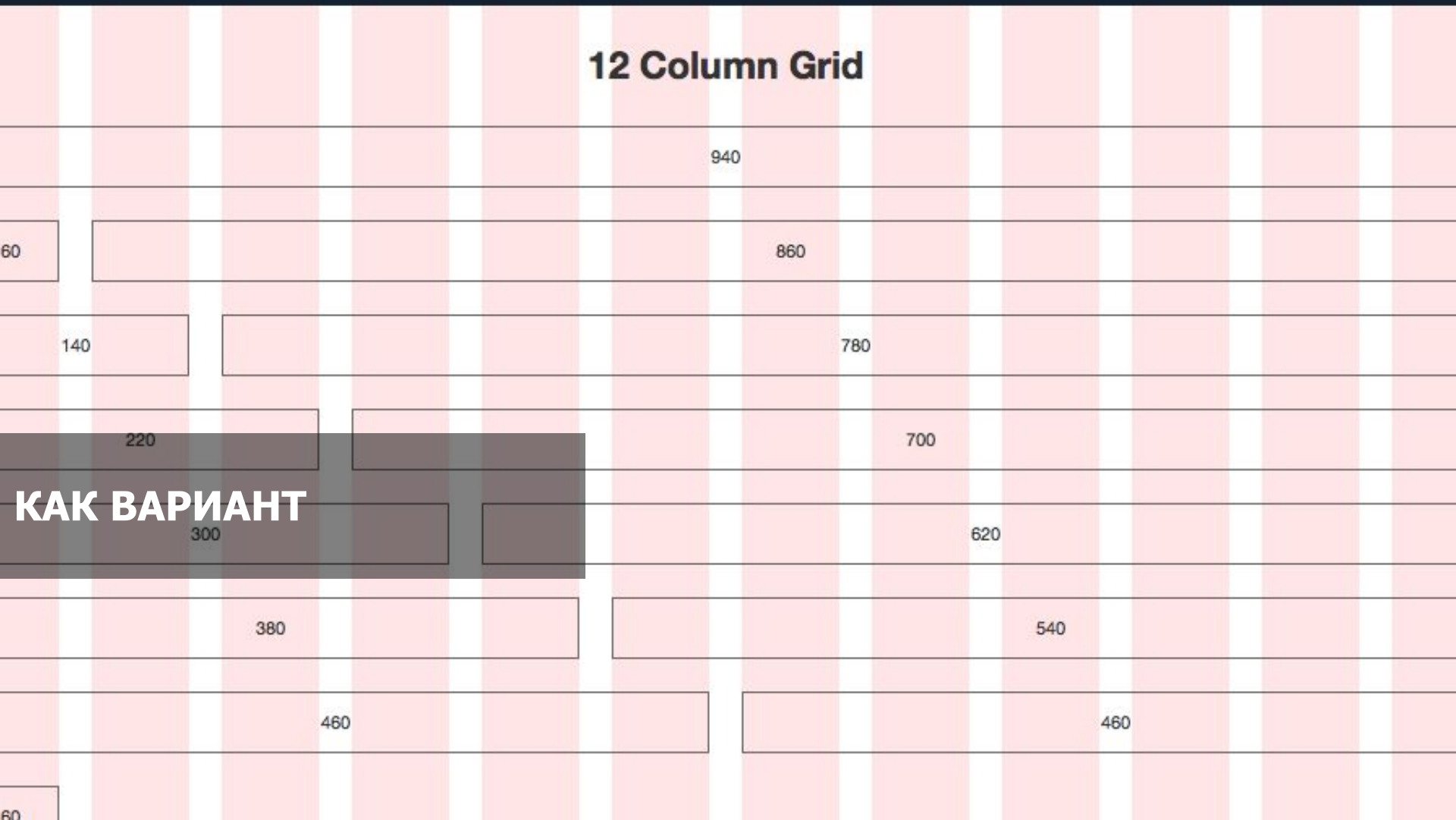
Фиксируем viewport

```
<meta name="viewport"  
content="width=device-width,  
initial-scale=1.0" />
```

Пару инструментов

960 Grid System

12 Column Grid





ПРИМЕРЫ САЙТОВ
[HTTP://MEDIAQUERY.ES](http://mediaquery.es)

Expositio

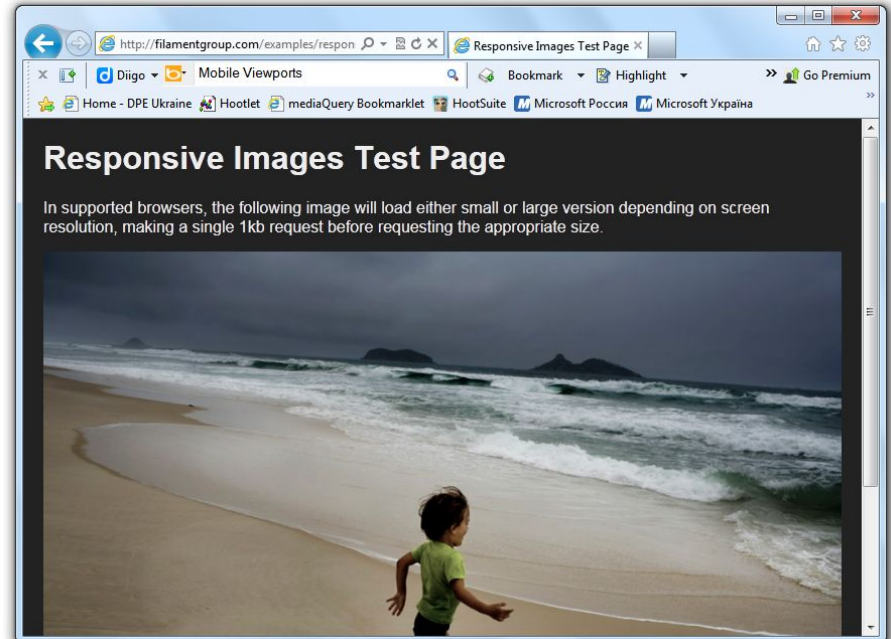
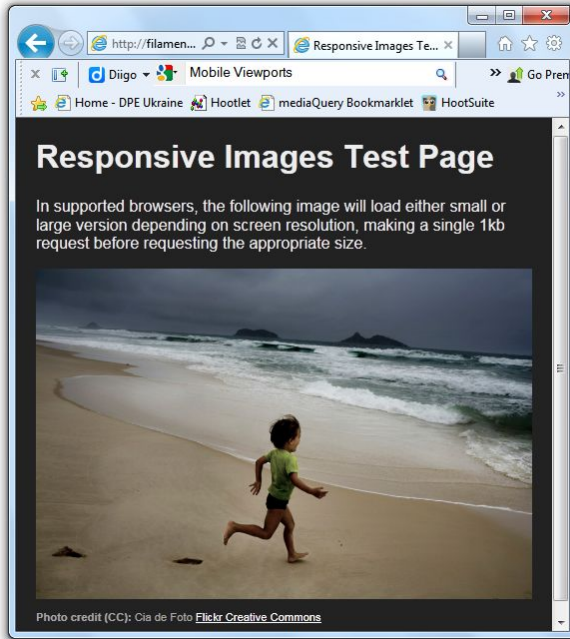


JS, flexible images

<http://filamentgroup.com/examples/responsive-images/>

```

```





A Fluid Grid Calculator

[HTTP://CSSWIZARDRY.COM/FLUID-GRIDS/](http://csswizardry.com/fluid-grids/)

It's a numbers game...

Total number of columns

Width of one column px

Width of the gutters px

[Get the grid!](#)

This service and all code is provided **without** guarantee.

Поддержка старых браузеров

css3-mediaqueries.js или
respond.js



Вопросы?

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