

Responsive Web Design with Dreamweaver CS6

Alessandro (San) Perroud
Polvo Digital Arts - polvo.com.au

About Pe... who?

Alessandro (San) Perroud

- 👁 Hand-illustration, Vector
- 👁 Graphic Design
- 👁 Web Design
- 👁 Video editing and motion graphics
- 👁 3D animation
- 👁 3D real-time
- 👁 ... Oz in 2005 ...
- 👁 Polvo Digital Arts - polvo.com.au



What's responsive design?

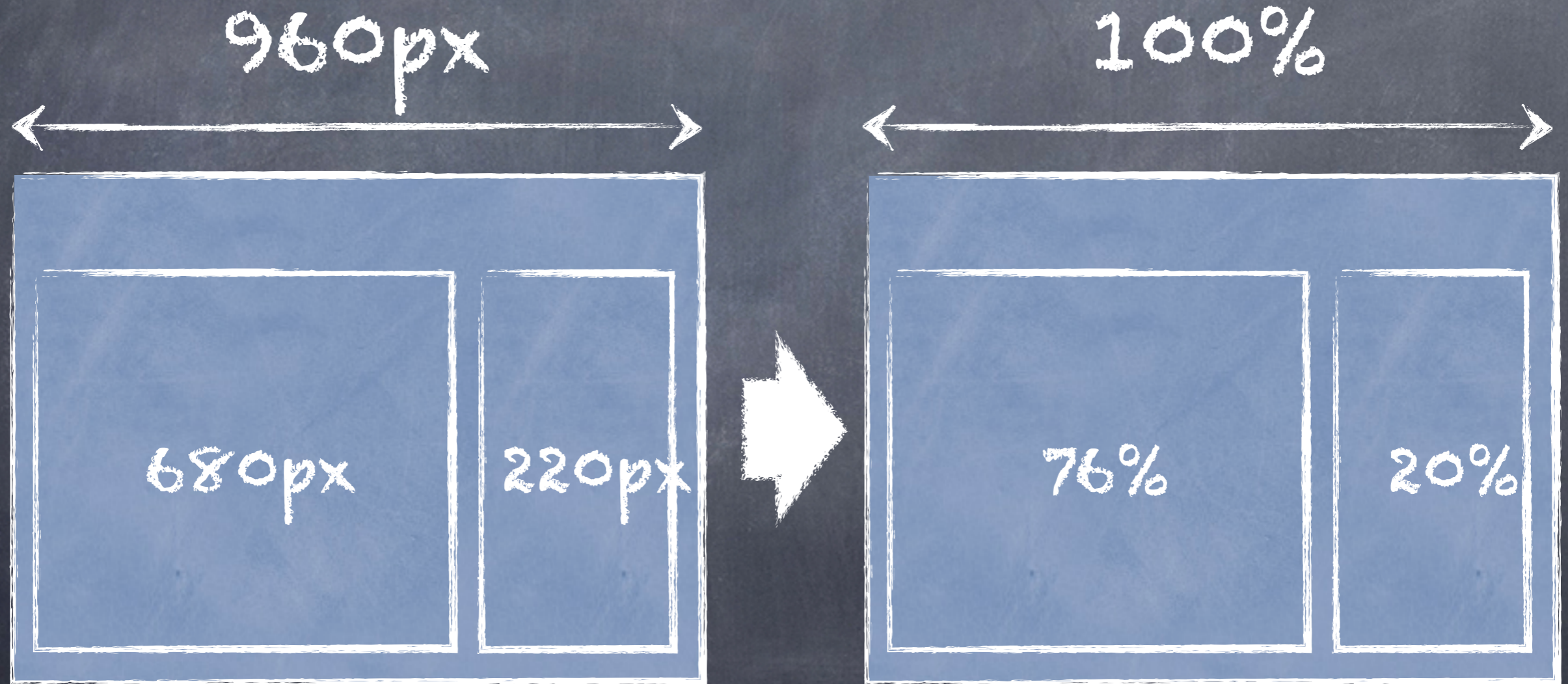
3 core components

- Flexible, grid-based layout
- Flexible images and media
- Media queries (CSS3)

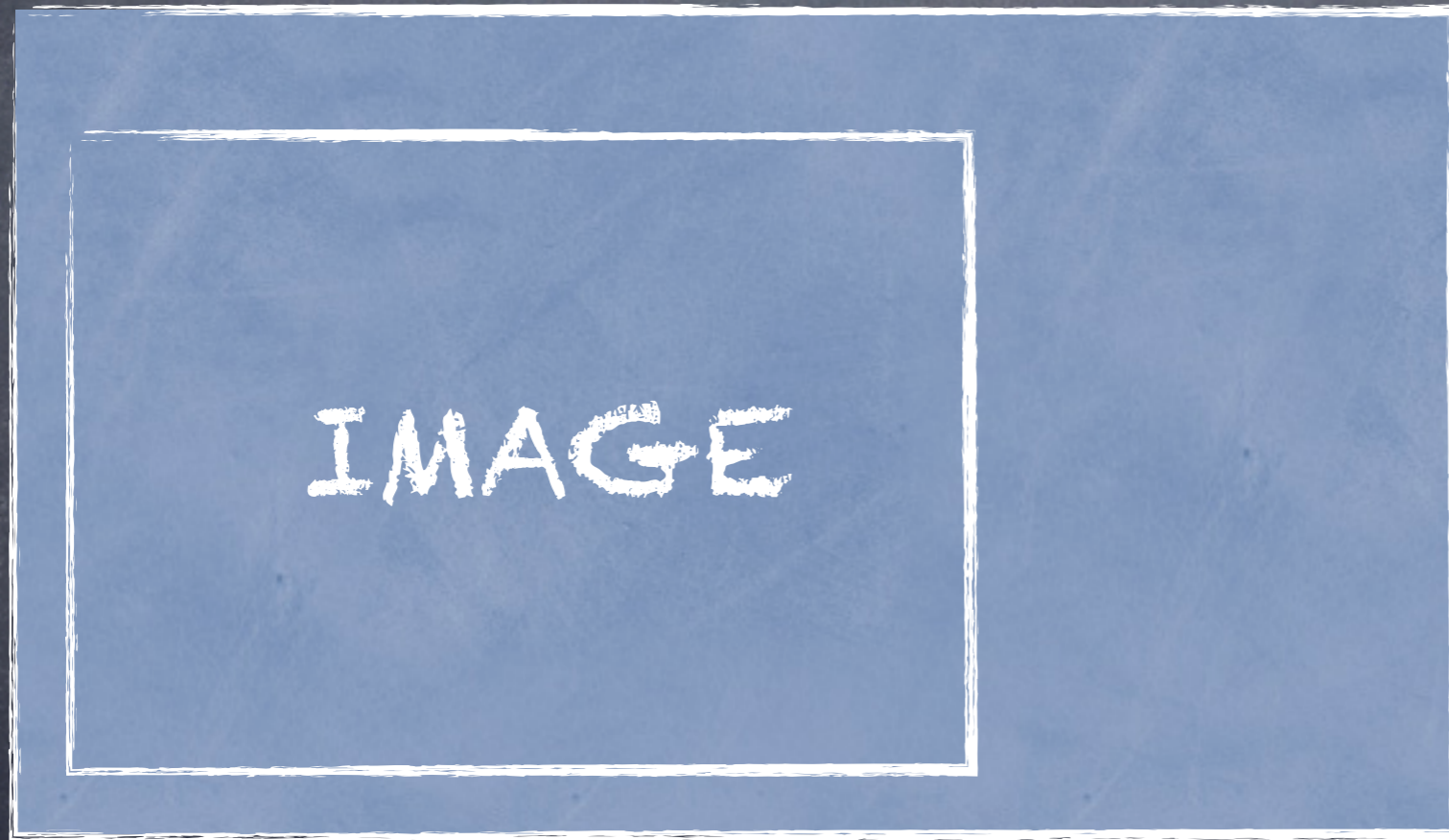
Fluid (or Liquid) grids

- Based on percentages and will adapt to virtually any screen size.
- Fluid div tags calls for page element sizing to be in relative units like percentages or EMs, rather than absolute units like pixels or points.

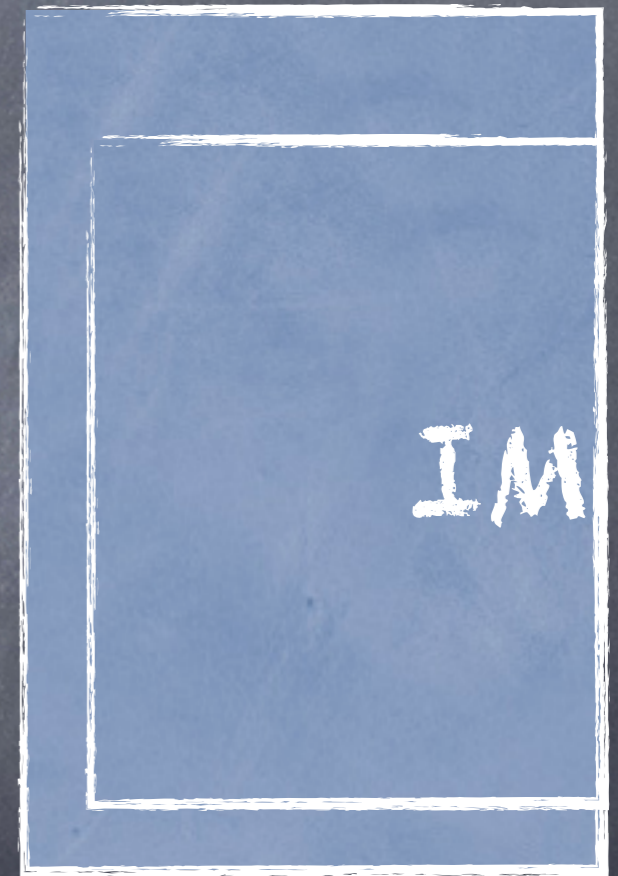
Fluid (or Liquid) grids



Flexible images and media

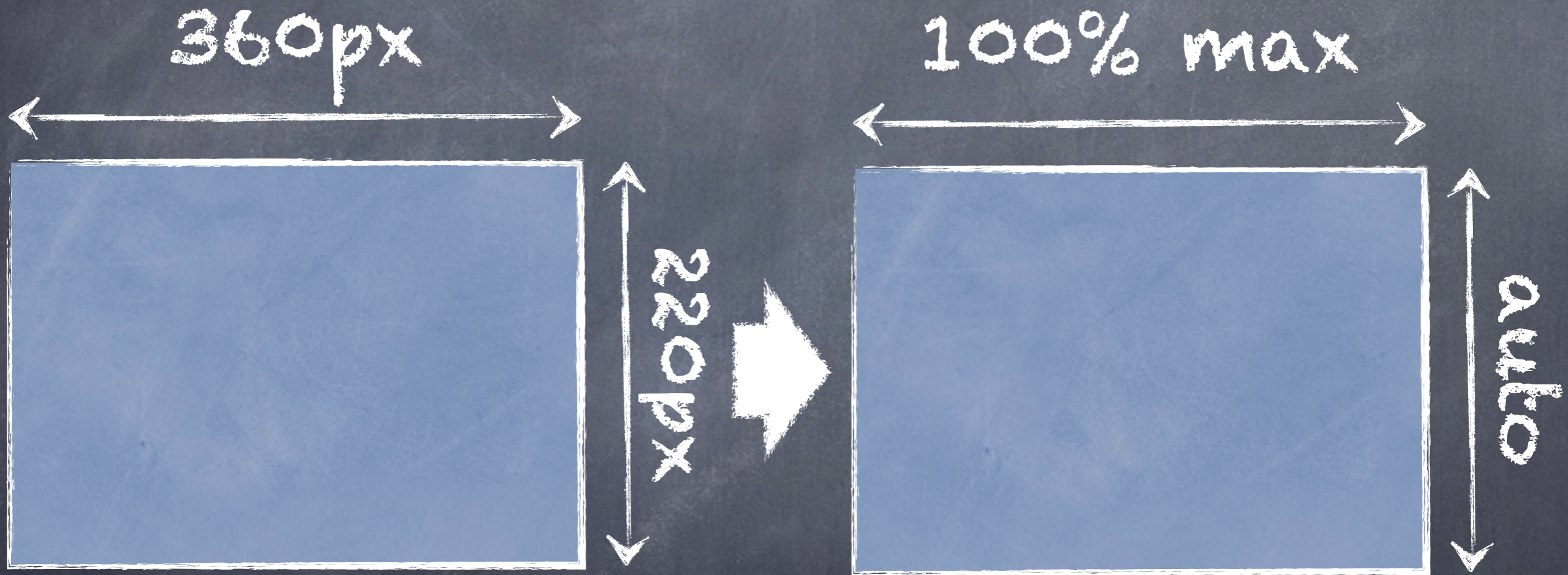


Desktop



Mobile

Flexible images and media



```
img { max-width: 100% }
```

Media Queries (CSS3)

- Since CSS 2.1, style sheets have enjoyed some measure of device awareness through media types.

```
<link rel="stylesheet" type="text/  
css" href="core.css"  
media="screen" />
```

Media Queries (CSS3)

- Allows content rendering to adapt to conditions such as screen resolution
- W3C recommended standard since June 2012

Media Queries (CSS3)

since CSS2.1

breakpoint



```
@media screen and (min-width:480px) {  
  .class { property }  
}
```



styles

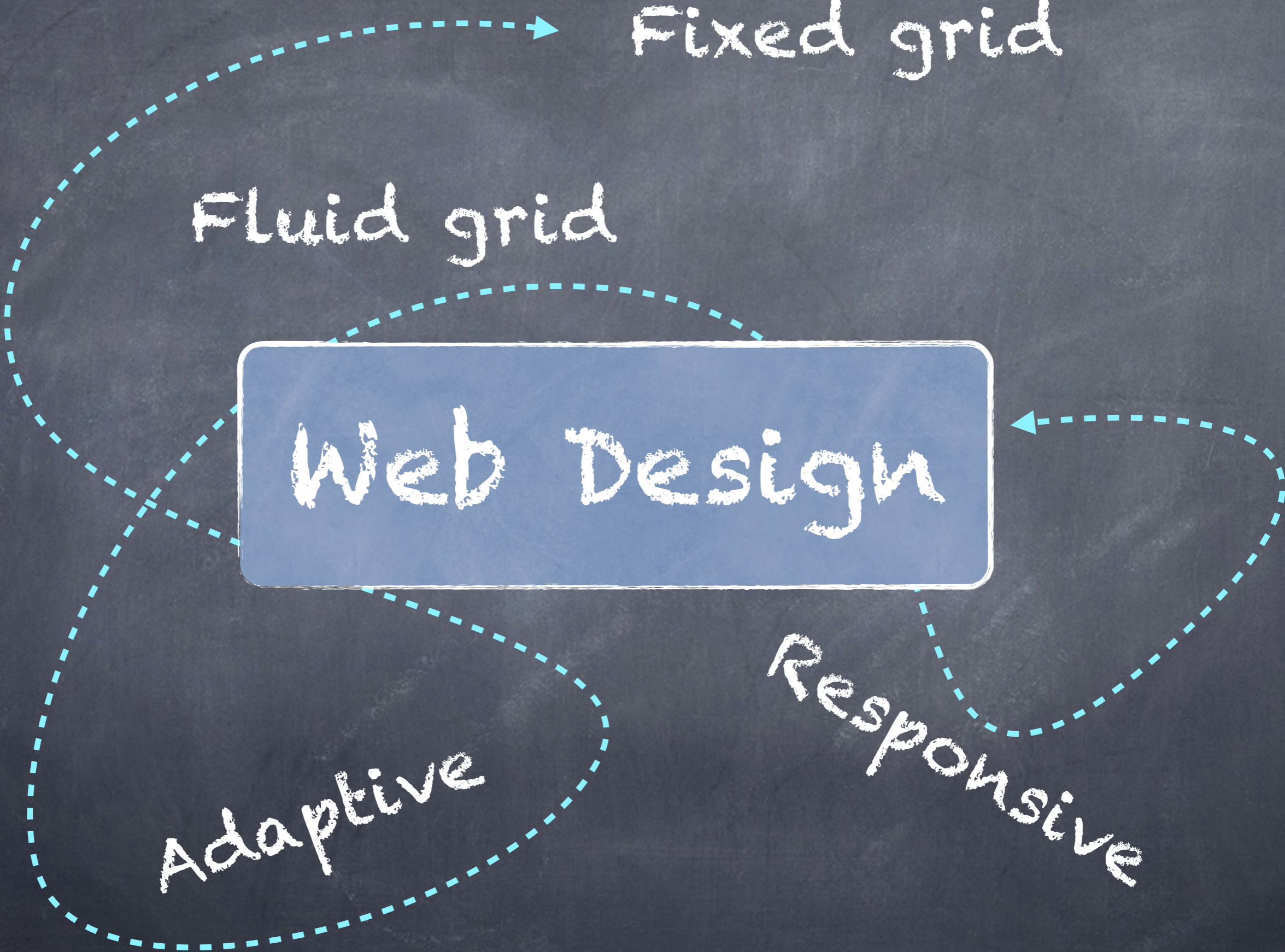
Web Design

Fixed grid

Fluid grid

Adaptive

Responsive



Responsive vs Adaptive

- It's not a matter of one being better than the other. Often, you will find a combination of the two might be a better solution.

Adaptive design

- Adaptive design adapts to its surroundings.
- Not only does the content adapt to the size of the screen but it takes into account the capabilities of the device as well.

Adaptive design

- Twitter Bootstrap - <http://twitter.github.com/bootstrap/>
- <http://bradfrostweb.com/demo/mobile-first/>
- <http://purencool.com/>

Responsive design

- It revolves around how content is represented on the screen - the content has been thought out and coded to display gracefully using a combination of percentages AND media-queries.
- (Wikipedia) A site that uses media queries to adapt the layout to the viewing environment - along with fluid proportion-based grids and flexible images.

Responsive design

- 👁️ smashingmagazine.com
- 👁️ bostonglobe.com
- 👁️ css-tricks.com
- 👁️ www.starbucks.com
- 👁️ www.mandoca.com

HTML/CSS skills does help

- 👁️ jQuery.com
- 👁️ jQueryUI.com
- 👁️ [jQuery UI ThemeRoller - jqueryui.com/themeroller/](http://jQueryUI.com/themeroller/)

Going mobile?

- 👁️ jQueryMobile.com
- 👁️ Sencha.com
- 👁️ Phonegap.com

Grid / Frameworks

- Boilerplate - <http://html5boilerplate.com/>
- Skeleton - <http://www.getskeleton.com/>
- Twitter Bootstrap - <http://twitter.github.com/bootstrap/>
- Zurb Foundation - <http://foundation.zurb.com/>

Resources

What if I'm not a coder?

If coding is not your thing, fear not. There are production ready solutions out there available from little to no cost.

- 👁️ Templatemonster.com
- 👁️ Themeforest.net
- 👁️ <http://www.tribevita.com/> (BC templates)

Thank you



Alessandro Perroud

<http://polvo.com.au>