



RESPONSIVE WEBDESIGN

BY GEORGI GYUROV

THE RISE OF MOBILE WEB

In 2010 the percentage of page views from a mobile device was 2,9%

In 2013 it's 17,4%



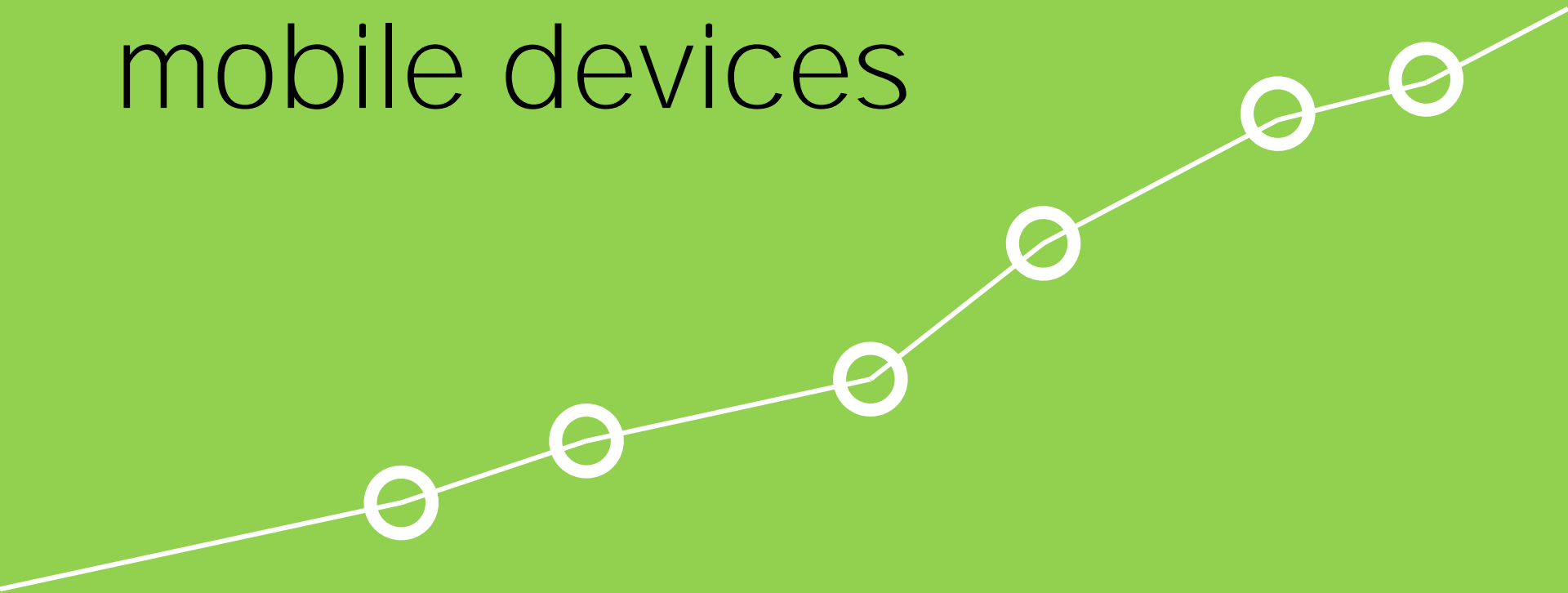
A horizontal bar chart comparing mobile page views in 2010 and 2013. The 2010 bar is blue and the 2013 bar is green. The 2013 bar is significantly longer than the 2010 bar, indicating a substantial increase in mobile page views.

| Year | Percentage of page views from a mobile device |
|------|---|
| 2010 | 2,9% |
| 2013 | 17,4% |

2010

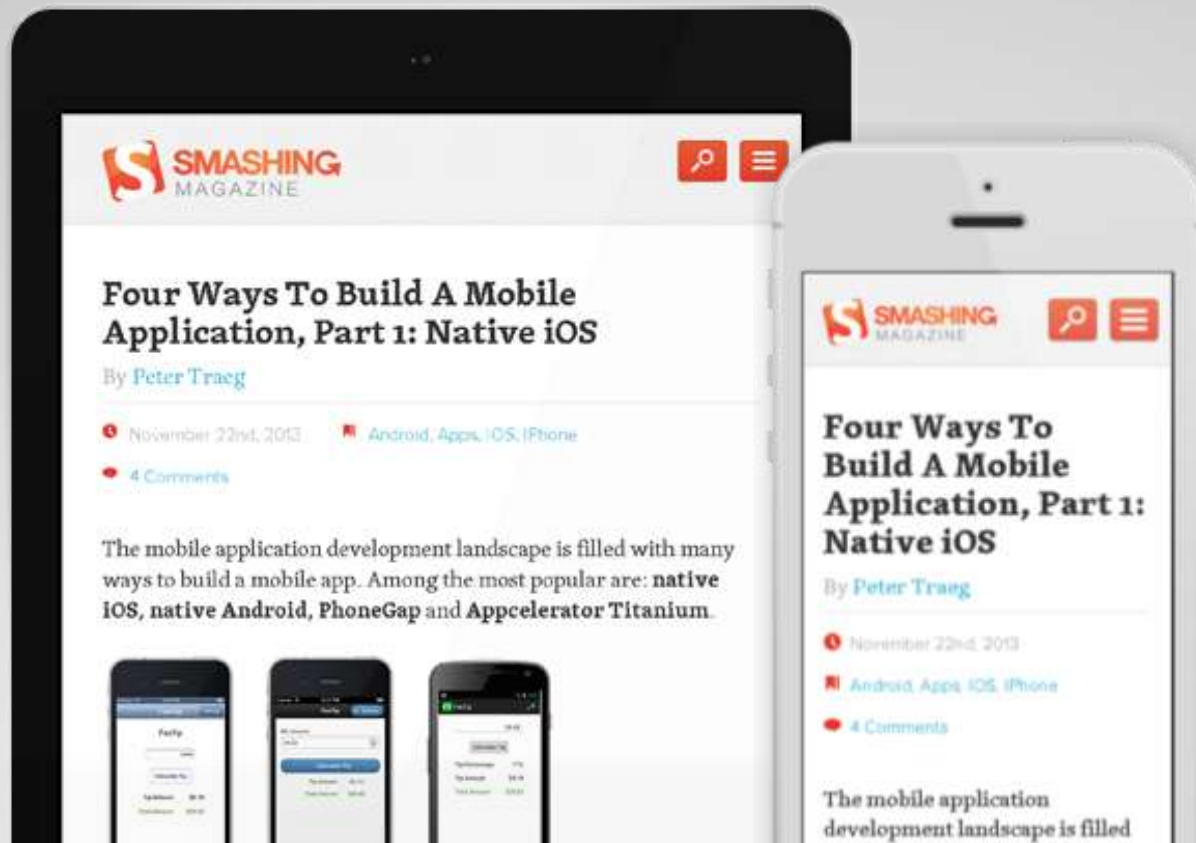
2013

Over 1.2 billion
people access
the web from their
mobile devices

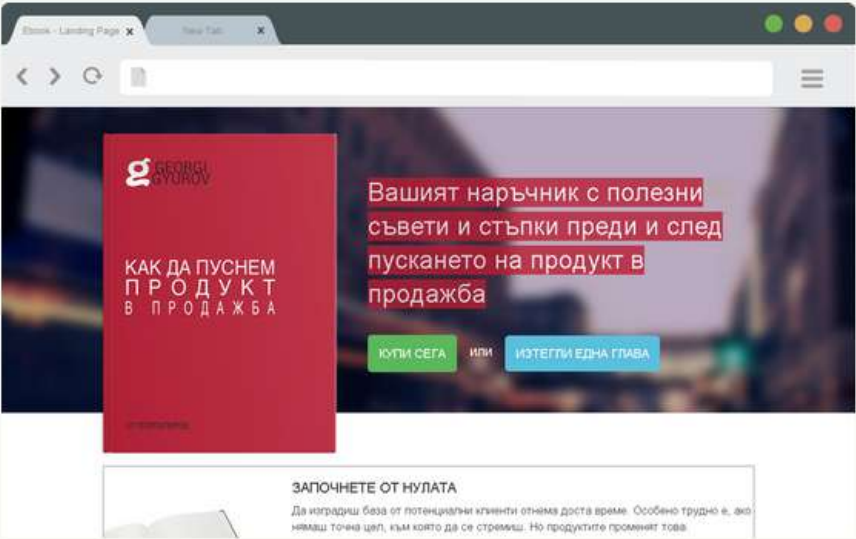


In 2010
Ethan Marcotte
coined the term
'responsive web
design'





“One website,
multiple layouts”



Project:

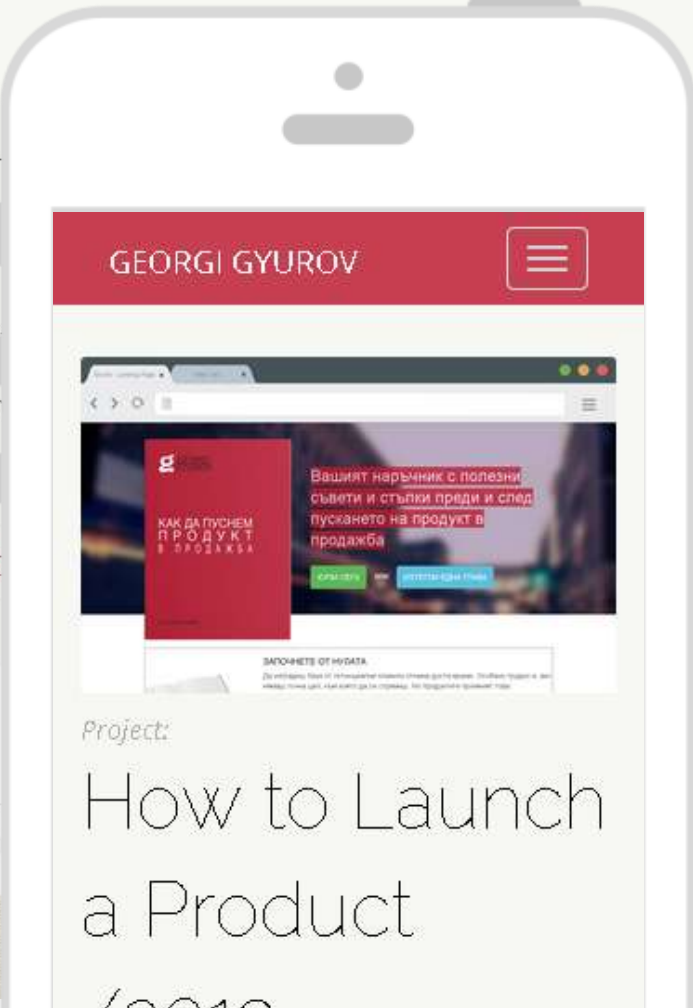
How to Launch a Product /2013

Description:
Landing page for my e-book
Responsible for:
Front-end Development
Client:

[View Project](#)

Two Ten Photography /2013

Project:
Description:
WordPress website for a family photographer.



Project:

How to Launch a Product /2013

DevOps 101: Best Practices for Optimizing and Automating Your Infrastructure



Whether you're coming across the term for the first time, or you've been listing it on your LinkedIn profile for a couple of years now, it's likely that you are still faced with the question: What exactly do we mean by DevOps?

DevOps 101: Best Practices for Optimizing and Automating Your Infrastructure





New Tab



ARTICLES

COLUMNS

BLOG

TOPICS

WRITE FOR US



A LIST APART



NEW! DEC 04, 2013

Surveying the Big Sc

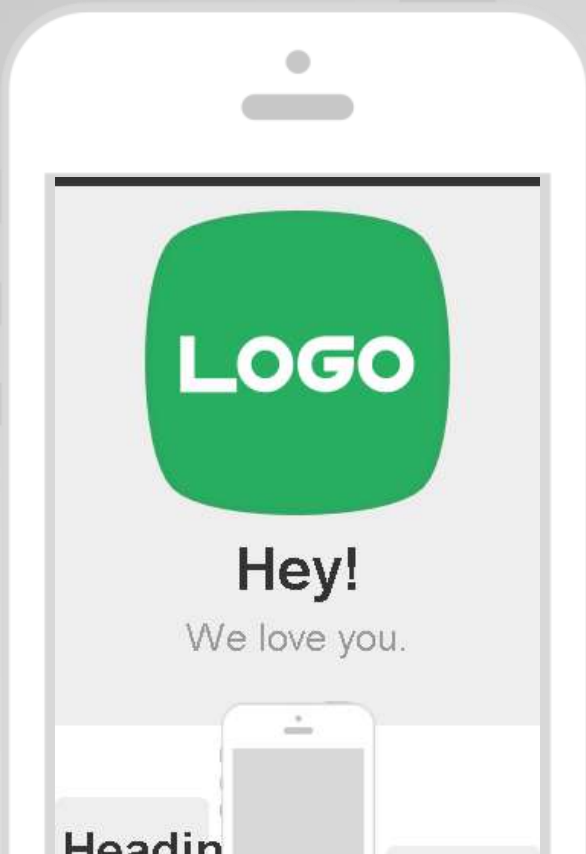
by **MIKE PICK** · 15 Comments

We've been designing responsively for more than three years, screen pattern libraries and portfolios to prove it. But what al

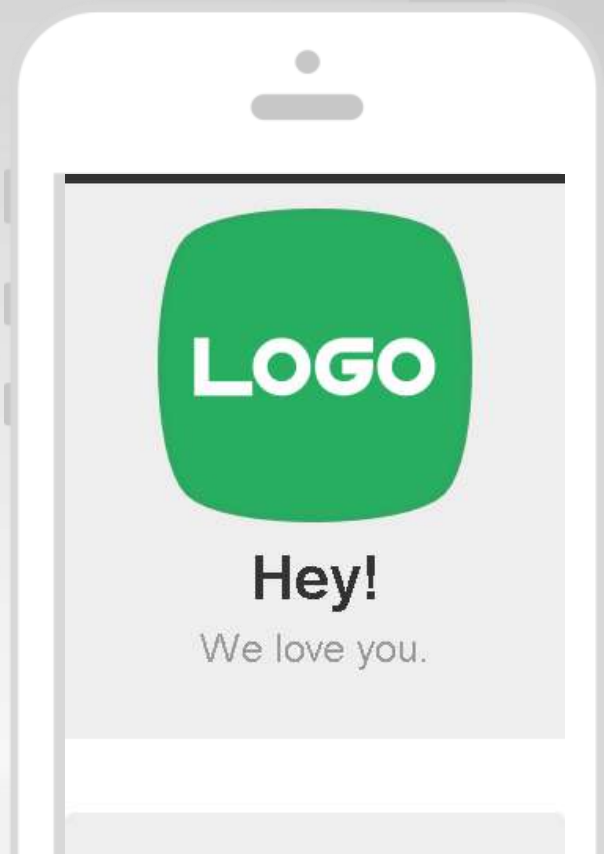


HOW RESPONSIVE DESIGN

WORKS



Non-responsive



Responsive



Ethan Marcotte
defines RWD
with 3 main criteria

1

A Flexible, Grid-based Layout

This allows your layout to reflow to the screen size of any device

2

Flexible Images and Media (Videos, etc.)

This allows your images and videos to reflow with the layout

3

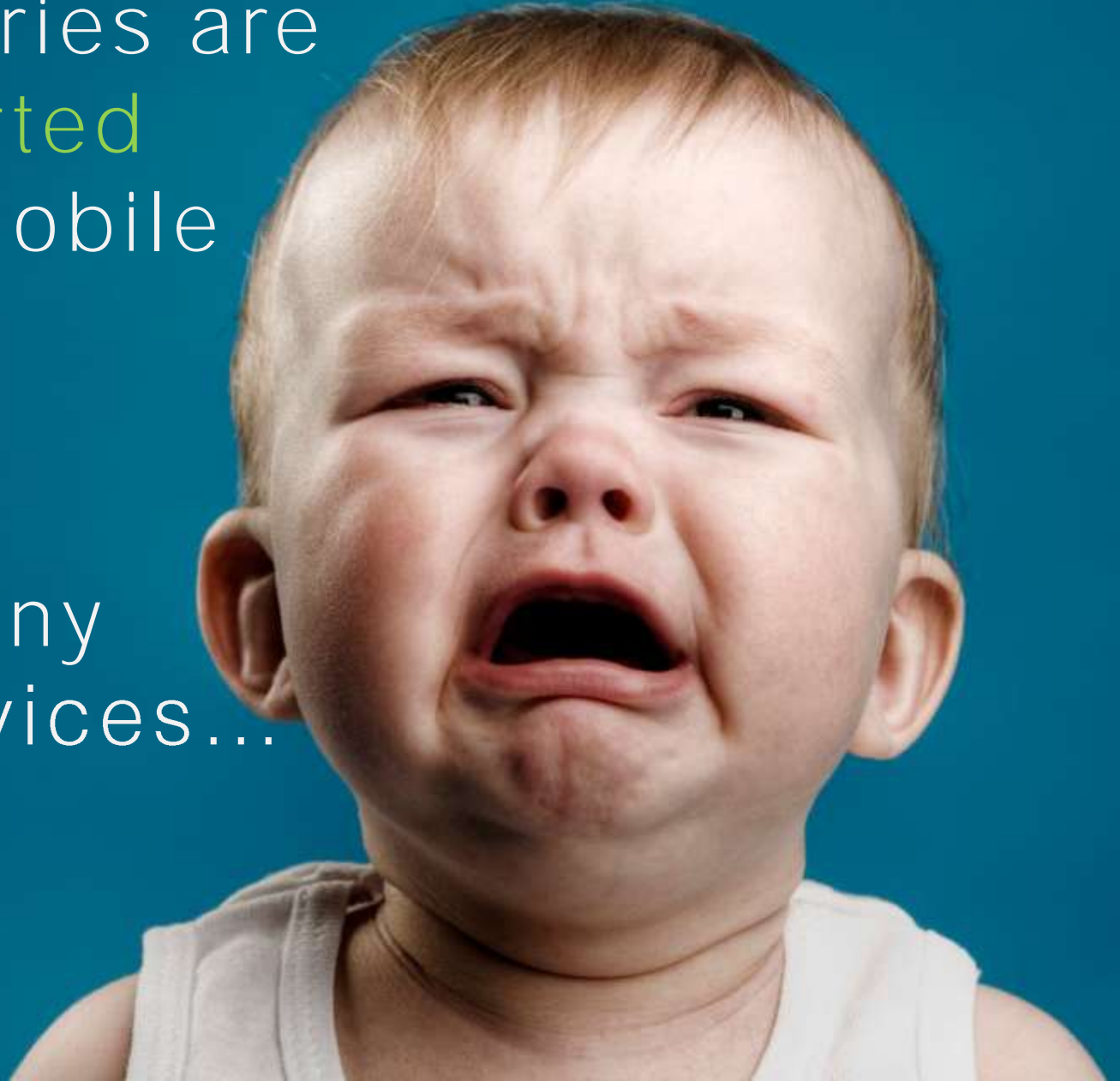
CSS3 Media Queries

This allows you to control each layout so that content is displayed optimally

PROBLEM #1

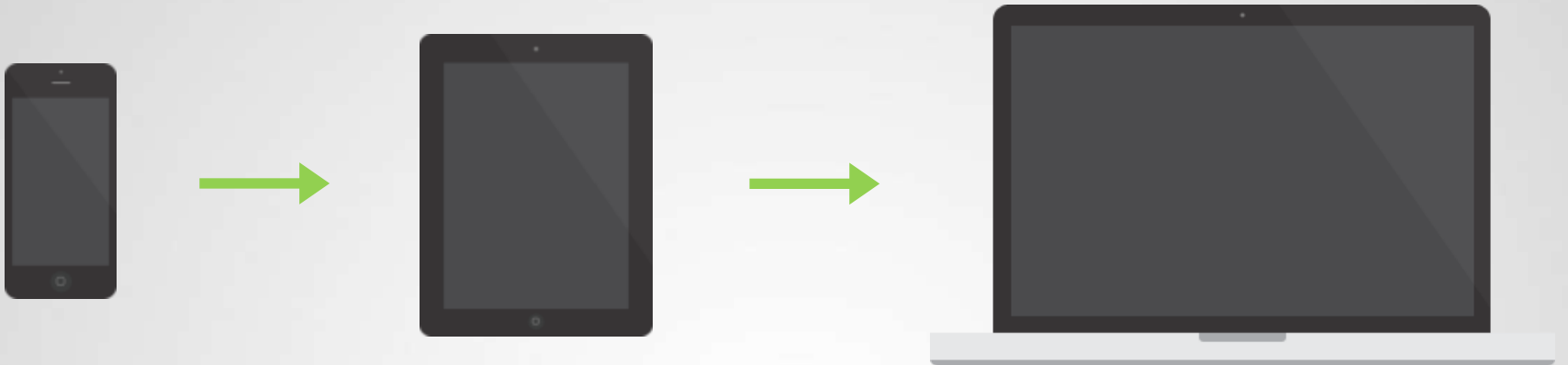
Media queries are
not supported
by some mobile
devices...

In fact, many
mobile devices...



WHAT'S THE
SOLUTION?

MOBILE FIRST



PROBLEM #2

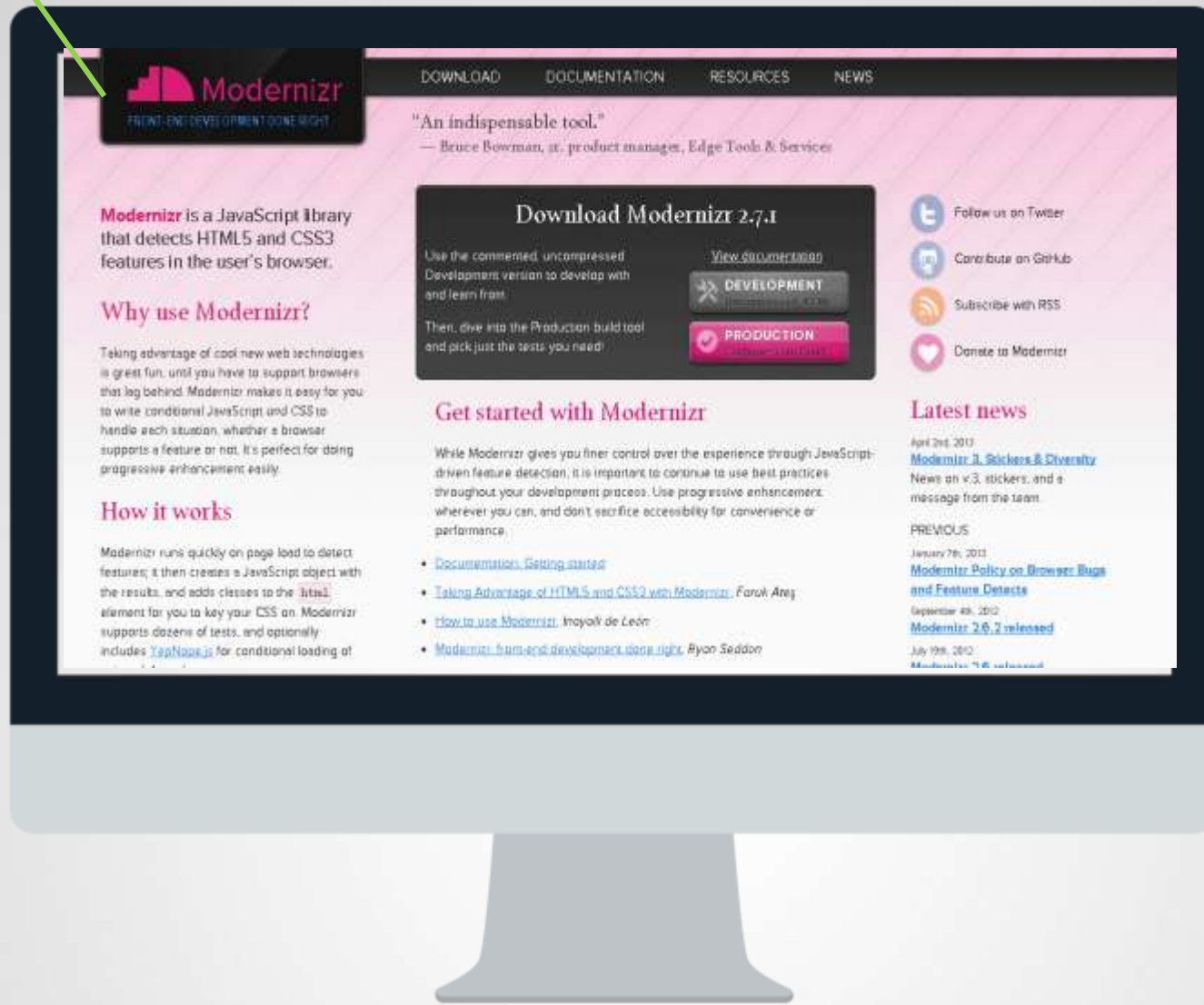
Media queries are
not supported
by older versions
of Internet Explorer(6-8)



Luckily, there are
different solutions...

Modernizr.js

A Feature Detection Library for HTML5 & CSS3



CREATING FLUID IMAGES & VIDEOS

○ Creating fluid images is easy

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

We can do the same with
fluid videos, but...

HTML:

```
<video width="100%"> </video>
```

CSS:

```
video {  
    width: 100% !important;  
    height: 100% !important;  
}
```

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