

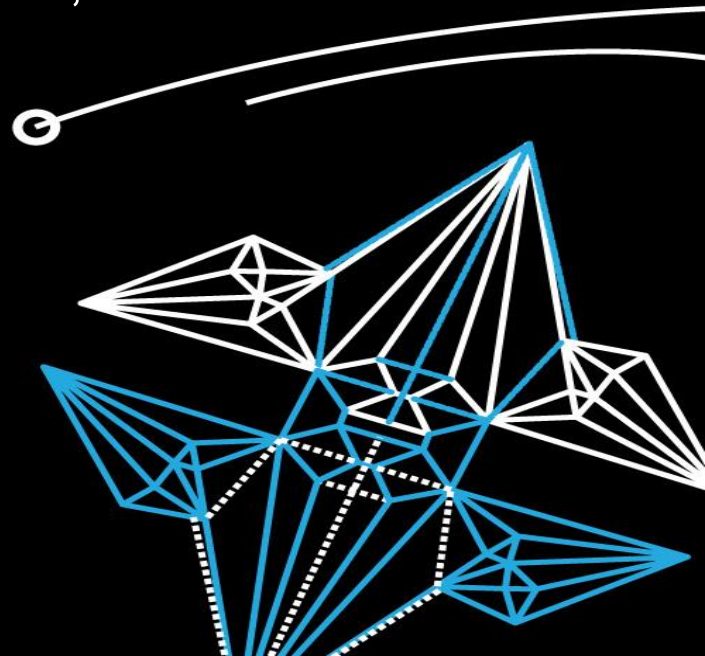
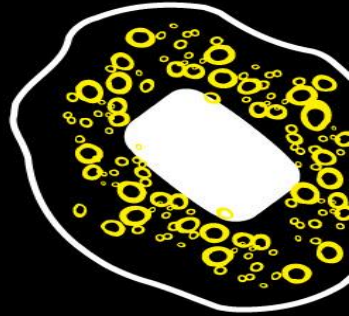
UNIVERSITY OF TWENTE.

WEB TECHNOLOGY

TUTORIAL SESSION #3 FOR “WE CREATE IDENTITY”

INTRODUCTION, EDITORIAL PROCESS, DESIGN GUIDELINES,
ASSIGNMENT

Module 1 - We Create Identity





WEB TECHNOLOGY

CONTENT OF THIS TUTORIAL

Presentations, slides etc @ Canvas

- Last week...
- HTML and CSS (separate presentation)
- Editorial process
- Design Guidelines
- Using and customizing WordPress themes (separate presentation)
- Assignment

Fjodor van Slooten
Horstring W241 (Horst building)
f.vanslooten@utwente.nl



Student assistants:

Marina Stefanova & Jasper Bosschart

CONTENTS OF THIS COURSE

ACTIVITIES OVERVIEW

each week
Online (recorded) presentation + work on your site with help/do assignments

On-campus tutorial sessions in **small groups** on Monday, Tuesday afternoons & Friday mornings: see Timetable!

	Date	Subjects
1	13-17 Sep.	Intro, editorial process, create first webpage
2	20-24 Sep.	Basics of HTML and CSS, editorial process, Blog, introduction to WordPress
3	4-8 Oct.	HTML and CSS, design guidelines, using and customizing WordPress themes
4	11-15 Oct.	Introduction to JavaScript & jQuery, advanced WordPress topics
5	18-22 Oct.	Advanced techniques, jQuery plugins, social media integration
6	25-29 Oct.	Test & evaluation, peer review

ASSIGNMENT #2

HOW DID YOU DO?

Did you see grade & feedback on Canvas?
Please check your student-email regularly!

- Most common problem: image does not show properly
- Starting with WordPress:
 - For now, it's OK to have a standard theme
 - Theme: design & develop to make it personal coming weeks
- Move inline style to external stylesheet (style.css)

```
<h1 style="color:blue; margin-left:30px;">My title</h1>
```

```
<head>  
<link rel="stylesheet" type="text/css" href="style.css">  
</head>
```

```
h1 { /* all h1 headings will have this style */  
  color:blue;  
  margin-left:30px;  
}
```

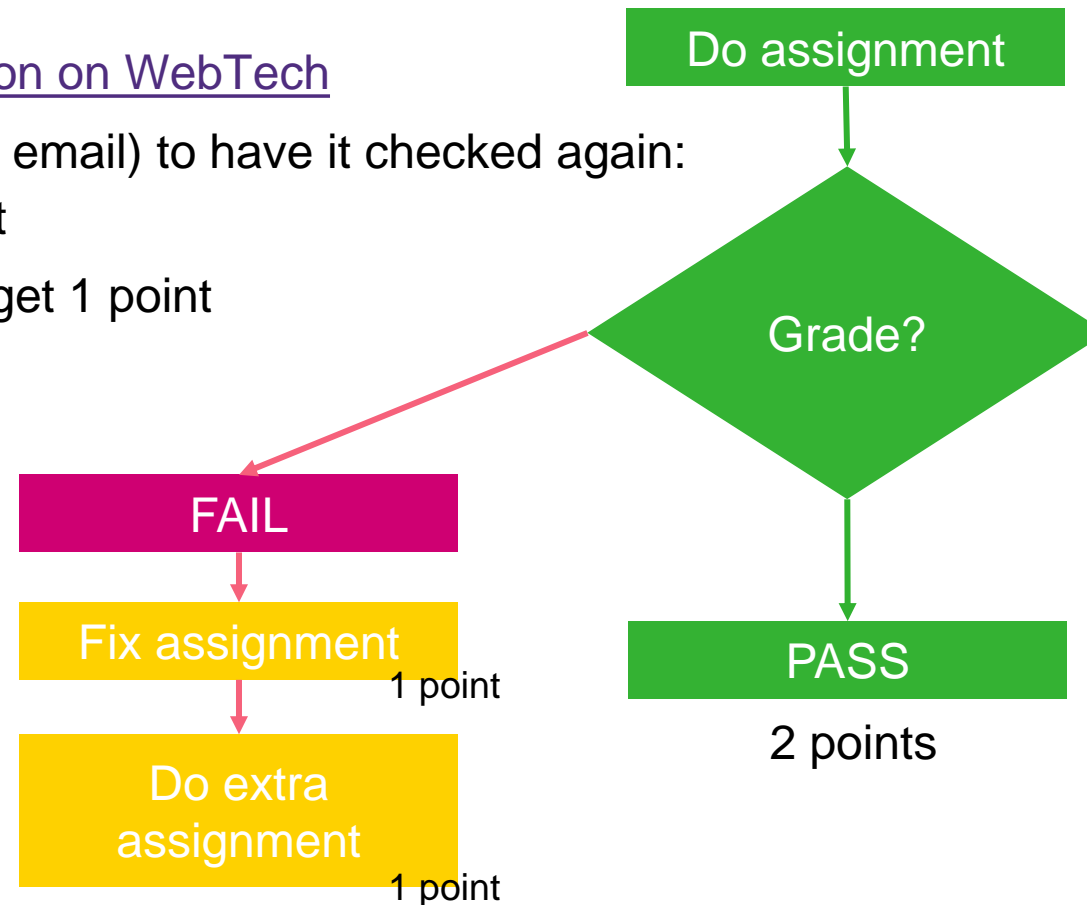
Link stylesheet (in file style.css)
with this HTML document

style.css

WHAT TO DO WHEN YOU GOT A FAIL?

ASSIGNMENT #2


- [Read the grading introduction on WebTech](#)
- Fix the assignment, ask (by email) to have it checked again: if done right, you get 1 point
- Do an extra assignment to get 1 point



OTHER ISSUES

Upload → no change?


- You might have to hard-refresh* the page after uploading it!
- Learn more about this: refreshyourcache.com/en/cache




* hold the **Ctrl** key while clicking the refresh-button of your browser or press **Ctrl + F5**

How to use special characters?

- Get characters from supplement, e.g. for ã use **ã**
- Use UTF character set (in head):



```
<!DOCTYPE html>
<html>
<meta charset="UTF-8">
<title>Page Title</title>
<body>
<p>São Paulo (city)</p>
```






```
<!DOCTYPE html>
<html>
<meta charset="UTF-8">
<title>Page Title</title>
<body>
<p>S&atilde;o Paulo (city)</p>
```

DESIGN A PORTFOLIO WEBSITE

STEPS 4-6

EDITORIAL PROCESS

-  Choose a base design, find resources, create test pages which contain text and images.
-  Re-group your work, re-consider your design and re-write texts.
-  Create the site, refine design and texts.

4

MAKE A CHOICE, TEST

START FROM SKETCHES MADE EARLIER

- Make a choice from base-designs
 - Choose from sketches made in step 3
- Find (or design) additional resources
- Create test pages which contain text and images
 - Use sketches and design of structure created in steps 2 and 3 to create a first test version of your site

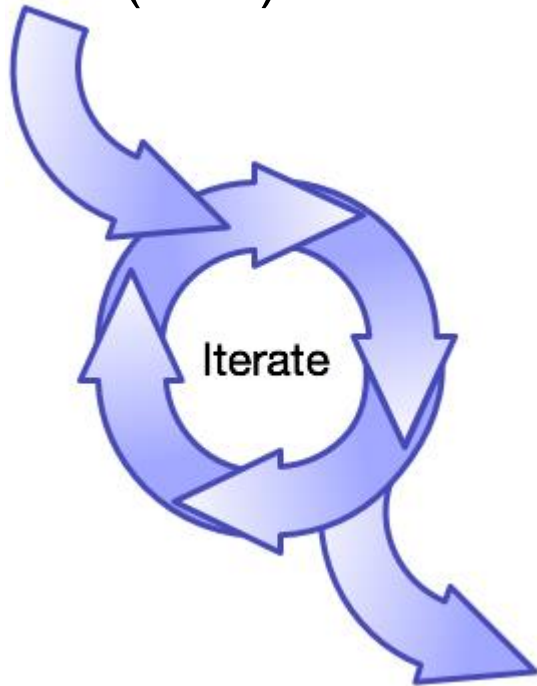


5

ITERATE

RE-GROUP, RE-THINK, RE-WRITE

- Re-group your work, re-consider (evaluate) your design and re-write texts
- Use (ask!) feedback from teachers, friends, family



en.wikipedia.org/wiki/Iteration

DESIGN GUIDELINES

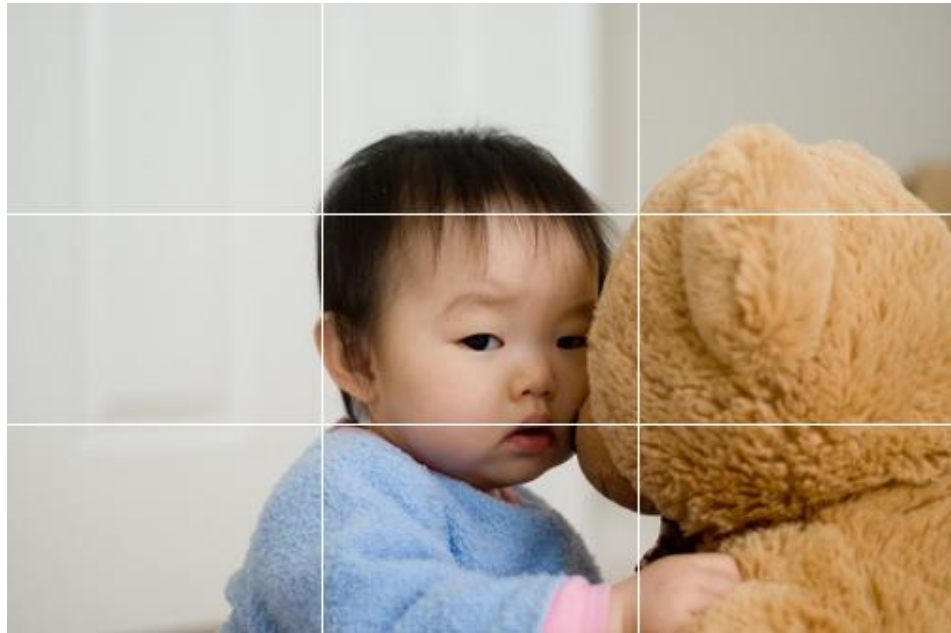


- Content [readable, clear, to-the-point]
- Texts: quick-scan & in-depth [texts should be *very* short, but if necessary, provide more info]
- Navigation [easy to navigate, can we find what we want... and expect?]
- Dimensions (...layout), graphics, colors...
- Technical aspects: valid HTML, multiple browsers...: test!

Recommended to read:

[Lifewire: web design basics](#)

[4 key principles of web design](#)



GRAPHICAL DESIGN GUIDELINES

COMPOSITION AND PLACEMENT

- Follow “Rule of thirds” or “Divine proportion” (1.62)
- Applies also to layout of a webpage!

Pinterest examples

Understanding the *rule of thirds* in web design

Design rules you should never break



COLORS

- See [colors tutorial](#), use palette of matching sets of colors

Home

HTML

CSS

JAVASCRIPT

SQL

PYTHON

PHP

BOOTSTRAP

HOW TO

W3.CSS

JQUERY

XML

MORE

Colors Tutorial

Colors HOME

Color Names

Color Values

Color Groups

Color Shades

Color Picker

Color Mixer

Color Converter

Color RGB

Color HEX

Color HSL

Color HWB

Color CMYK

Color NCol

Color Gradient

Color Theory

Color Wheels

Color Hues

Color Schemes

Color Palettes

Color Brands

Color W3.CSS

Color Metro UI

Color Win8

Color Flat UI

Color Psychology

Colors of the Year

2018 Palettes

HEX: #a2b9bc

HEX: #b2ad7f

HEX: #878f99

HEX: #6b5b95

Try It Yourself »

HEX: #6b5b95

HEX: #feb236

HEX: #d64161

HEX: #ff7b25

Try It Yourself »

2017 Palettes

HEX: #d6cbd3

HEX: #eca1a6

HEX: #bdcebe

HEX: #ada397

Try It Yourself »

HEX: #d5e1df

HEX: #e3eaa7

HEX: #b5e7a0

HEX: #86af49

Try It Yourself »

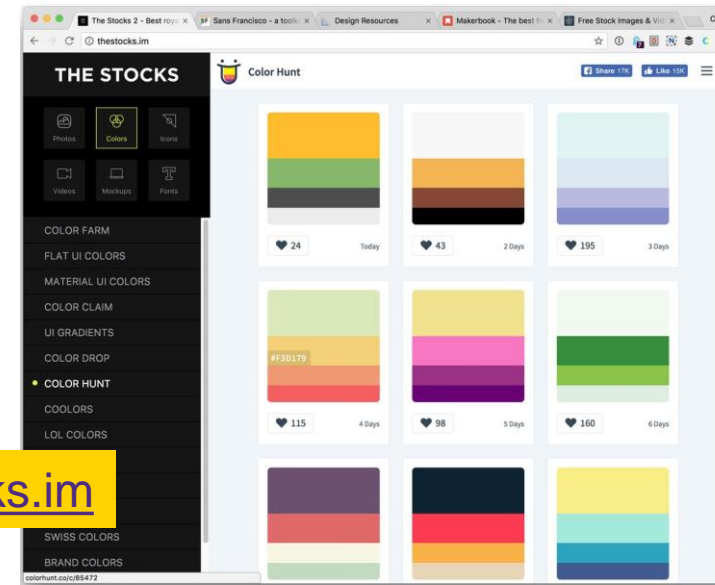
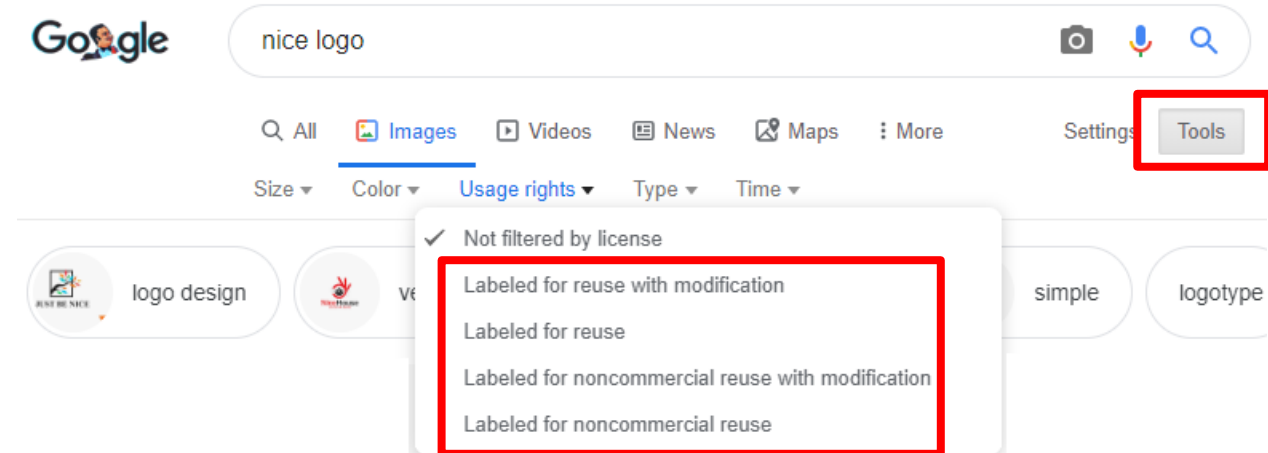
Colors Analogous



DESIGN RESOURCES

- css-tricks.com/design-resource-sites
- **Respect rights of owners of media***
- Copyrights/license/terms of use of (stock) media*

* “Media”: texts, quotes, templates, scripts, plugins, fonts, photos, images, icons, pictures, animations, video’s....



thestocks.im

Google Fonts

ASSIGNMENT "CREATE PORTFOLIO" [full text on Canvas!]

INTEGRATE BLOG & PORTFOLIO

- Create (first) page for Showcase Portfolio and display a first piece of work at that page
- Add navigation (links/menu/...)
- At least a Blog and a (start of a) Showcase Portfolio should be there and accessible from the main page (homepage)

Add 2 posts to your Blog:

1. Review of a (random) website, include a link, describe its purpose and name 5 strong and 5 weak points of that site.
2. An update on your progress for the Video Project of **We Create Identity**

RECOMMENDED READING

How to write good and clean code:

- [8 best practices to write clean html](#)
- [12 principles for keeping your code clean](#)

Design guidelines:

- [Lifewire: web design basics](#)
- [4 key principles of web design](#)

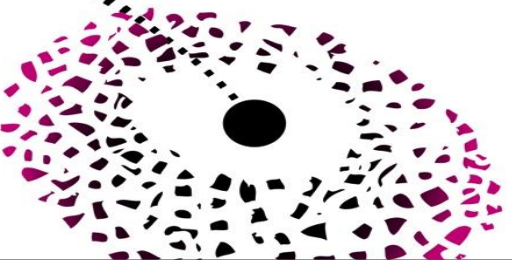


NEXT WEEK

PRESENT RESULT OF ASSIGNMENT #3

MORE ON WORDPRESS, INTRO TO JAVASCRIPT & JQUERY

FINAL STEP EDITORIAL PROCESS



Fjodor van Slooten
Horstring W241 (Horst building)
f.vanslooten@utwente.nl



Student assistants:

Marina Stefanova & Jasper Bosschart

