



CSCI-UA-4-005

# **Intro to Web Design + Computer Principles**

## **CSS – Day 2**

Professor Emily Zhao



## Agenda

- Assignment #3 (CSS)
- CSS Review Poll
- **NYC Website Demo:** CSS Day 02
  - Incorporating Background Images, Box Model + Flexbox
- Advanced CSS Selectors (CSS Diner)
- Flexbox Practice
  - Programming Challenge
  - Flexbox Froggy

# Assignment #3

# Today's Attendance

(via PollEverywhere)

[pollev.com/emilyzhao](https://pollev.com/emilyzhao)

→ CSS Review quiz



# NYC Site: CSS Day 02

Incorporating Background Images, Box Model + Flexbox

New York City

- [Manhattan](#)
- [Brooklyn](#)
- [Queens](#)
- [Staten Island](#)
- [Bronx](#)

Introduction

New York is the [most populous city](#) in the United States and the center of the New York Metropolitan Area, one of the most populous urban agglomerations in the world. The city is referred to as New York City or the City of New York to distinguish it from the State of New York, of which it is a part. A global power city, New York exerts a significant impact upon commerce, finance, media, art, fashion, research, technology, education, and entertainment. The home of the United Nations Headquarters, New York is an important center for international diplomacy and has been described as the cultural capital of the world.

About

Located on one of the world's largest natural harbors, New York City consists of five boroughs, each of which is a county of New York State. The five boroughs—[The Bronx](#), [Brooklyn](#), [Manhattan](#), [Queens](#), and [Staten Island](#)—were consolidated into a single city in 1898. With a census-estimated 2012 population of 8,336,697 distributed over a land area of just 302.64 square miles, New York is the most densely populated major city in the United States. As many as 800 languages are spoken in New York, making it the most linguistically diverse city in the world. The New York Metropolitan Area's population is the United States' largest, with 18.9 million people distributed over 6,720 square miles, and is also part of the most populous combined statistical area in the United States, containing 22.2 million people as of 2011.

History

New York traces its roots to its 1624 founding as a trading post by colonists of the Dutch Republic and was named New Amsterdam in 1626. The city and its surroundings came under English control in 1664 and were renamed New York after King Charles II of England granted the lands to his brother, the Duke of York. New York served as the capital of the United States from 1785 until 1790. It has been the country's largest city since 1790. The Statue of Liberty greeted millions of immigrants as they came to America by ship in the late 19th and early 20th centuries and is a globally recognized symbol of the United States and its democracy.

Population

Borough	Population	Land Area
Manhattan	1,619,090	23 sq miles
Brooklyn	2,565,635	71 sq miles
Queens	2,272,771	109 sq. miles
The Bronx	1,408,473	42 sq. miles
Staten Island	470,728	58 sq. miles

Introduction to Web Design

New York City



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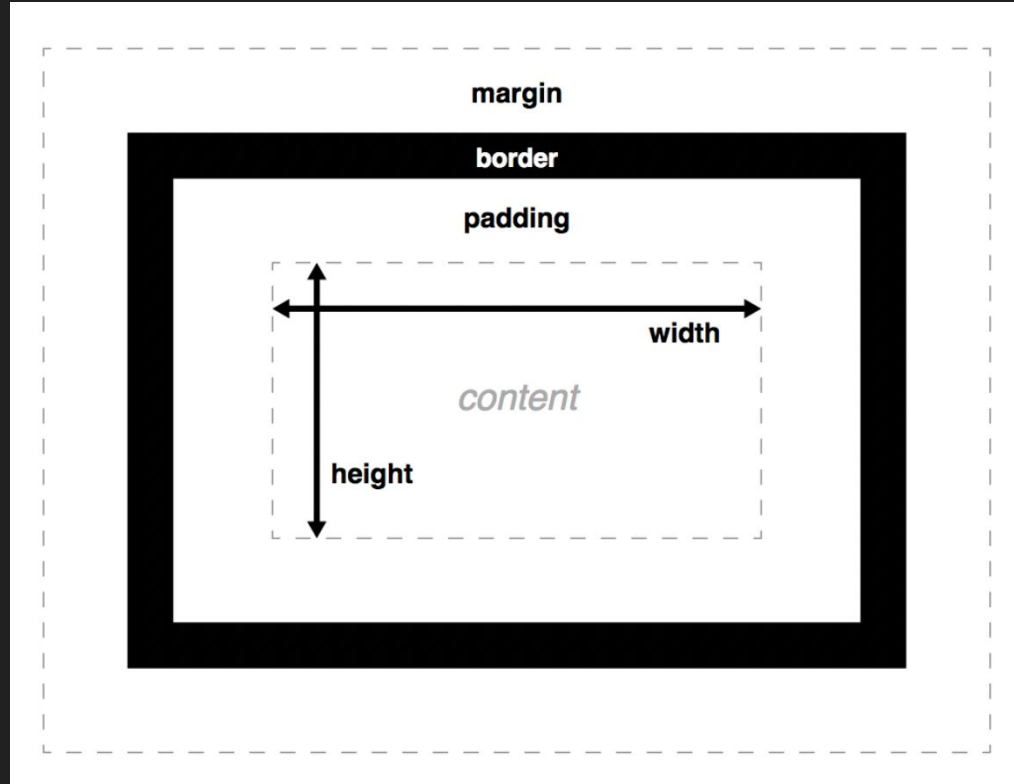
Introduction to Web Design

## CSS Background Image

Use the `background-image` property to specify the URL of the image.

```
body {  
  background-image: url('path/to/image.png');  
  background-repeat: no-repeat;  
  background-attachment: fixed;  
  background-position: center;  
}
```

# Box Model





## CSS Diner

an interactive game to  
practice CSS selectors

Select the apple on the plate



CSS Editor

style.css

HTML Viewer

table.html

```
1 Type in a CSS selector
2 {
3 /* Styles would go here. */
4 }
```

```
1 <div class="table">
2   <bento></bento>
3   <plate>
4     <apple/>
```

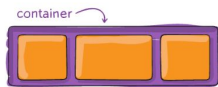
# CSS Flexbox

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## A Complete Guide to Flexbox

Our comprehensive guide to CSS flexbox layout. This complete guide explains everything about flexbox, focusing on all the different possible properties for the parent element (the flex container) and the child elements (the flex items). It also includes history, demos, patterns, and a browser support chart.

### ▼ Flexbox properties



#### Properties for the Parent (flex container)

##### display

This defines a flex container; inline or block depending on the given value. It enables a flex context for all its direct children.

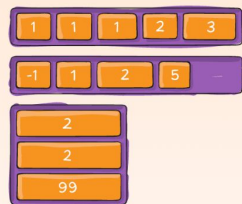
```
.container {  
  display: flex; /* or inline-flex */  
}
```

Note that CSS columns have no effect on a flex



#### Properties for the Children (flex items)

##### order



## Box Model + Flex Practice

The two paragraphs below should be centered in the page. Column 1 should have a right margin of 30px. All font on the page should be Helvetica.

### Column 1

This is a paragraph should be:

- 200px wide
- 300px tall
- with a 5px dotted palevioletred border
- and padding of 10px

### Column 2

This is a paragraph should be:

- 400px wide
- 400px tall
- with a background color of aquamarine
- and padding of 30px

## Flexbox Froggy

