

# Converting Colors

XYZ(40.8917, 30.4203, 21.3848)

Have a look what the booklet for  
XYZ(40.8917, 30.4203, 21.3848)  
contains.

|  |    |
|--|----|
| <b>XYZ(41.0383, 30.5573, 21.5045)</b> .....    | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 12 |
| <b><i>Previews</i></b> .....                   | 24 |
| <b><i>Color Blindness Simulation</i></b> ..... | 28 |
| <b><i>CSS Examples</i></b> .....               | 31 |

# Color

**XYZ(41.0383, 30.5573,  
21.5045)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E17778                     |
| RGB         | 225, 119, 120              |
| RGB Percent | 88%, 47%, 47%              |
| CMY         | 0.1176, 0.5333, 0.5294     |
| CMYK        | 0.00, 0.47, 0.47, 0.12     |
| HSL         | 359°, 64%, 67%             |
| HSV         | 359°, 47%, 88%             |
| XYZ         | 41.0383, 30.5573, 21.5045  |
| YIQ         | 150.8080, 62.8550, 22.7830 |

# Conversions

## Conversions Part 2

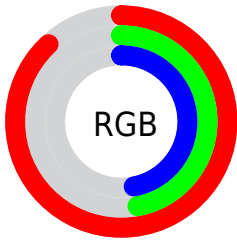
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 225, 119, 120                  |
| Decimal                             | 14776184                       |
| CIE <sub>Lab</sub>                  | 62.13, 41.13, 18.24            |
| CIE <sub>LCh</sub>                  | 62, 44.995, 23.914             |
| Yxy                                 | 30.5573, 0.4408,<br>0.3282     |
| Android<br>(android.graphics.Color) | 4292966264<br>(0xFFE17778)     |
| YUV                                 | 150.8080, -15.1883,<br>65.0664 |
| Hunter-Lab                          | 55.2787, 35.7789,<br>15.6301   |

# Details

The XYZ color **41.0383, 30.5573, 21.5045** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **47.9891, 63.1547, 80.1857**, and the grayscale version is **29.3783, 30.9082, 33.6591**.

A 20% lighter version of the original color is **63.6300, 54.1257, 46.1234**, and **18.9027, 12.5892, 7.5646** is the 20% darker color. If you saturate the color by 10%, you get **37.4715, 25.3425, 14.4007**, and if you desaturate by 10%, it is **45.5553, 37.1688, 30.4787**.

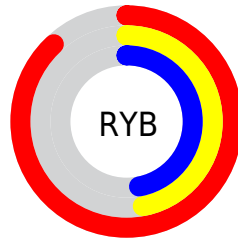
# Distribution



Red (88%)

Green (47%)

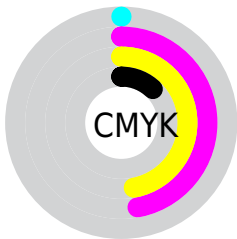
Blue (47%)



Red (88%)

Yellow (47%)

Blue (47%)

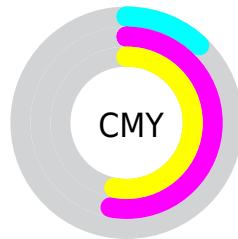


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (12%)



Cyan (12%)

Magenta (53%)


Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0383, 30.5573, 21.5045 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 41.0383, 30.5573, 21.5045 by changing the saturation by 10% instead.





 41.0383, 30.5573,  
21.5045


 41.0383, 30.5573,  
21.5045


341.5405,  
304.4936, 272.8162


 28.5368, 20.2620,  
13.2984


 76.0164, 60.5424,  
46.8173

 18.8732, 12.5856,  
7.5012

 99.2237, 81.0010,  
64.7611

 11.6822, 7.1438,  
3.6943


 126.7303,  
105.6161, 86.7880

 6.5983, 3.5522,  
1.4592

158.9016,  
134.7721, 113.3164

 3.2563, 1.4264,  
0.1873

196.1029,  
168.8535, 144.7648

 1.2907, 0.2360,  
0.0000

238.6996,

 0.1762, 0.0000,

208.2446, 181.5519

0.0000

287.0570,  
253.3299, 224.0962

■ 0.0000, 0.0000,  
0.0000

■ 41.0383, 30.5573,  
21.5045

■ 41.0383, 30.5573,  
21.5045

■ 37.4715, 25.3425,  
14.4007

■ 45.5553, 37.1688,  
30.4787

■ 34.7850, 21.4198,  
9.0338

■ 51.0811, 45.2622,  
41.4409

■ 32.9030, 18.6780,  
5.2554


■ 57.6726, 54.9214,  
54.5008


■ 31.7360, 16.9847,  
2.8913


■ 65.3814, 66.2230,  
69.7597

■ 31.1687, 16.1675,  
1.7236

■ 74.2560, 79.2381,  
87.3125

 31.0628, 16.0121,  
1.5140

 84.3420, 94.0341,  
107.2484

 84.8612, 94.7475,  
108.4232

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.2252, 30.5573, 36.9333



41.0383, 30.5573, 21.5045



36.4542, 30.5573, 12.9473

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.0383, 30.5573, 21.5045



20.6154, 30.5573, 17.2446



27.8269, 30.5573, 78.6526

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.0383, 30.5573, 21.5045



47.9891, 63.1547, 80.1857

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



22.7125, 30.5573, 68.1410



41.0383, 30.5573, 21.5045



18.9380, 30.5573, 29.8605

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.0383, 30.5573, 21.5045



24.5759, 30.5573, 11.1531



19.6488, 30.5573, 48.6985



34.0228, 30.5573, 74.0022



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.0383, 30.5573, 21.5045



32.3903, 30.5573, 10.4187



19.6488, 30.5573, 48.6985



25.9361, 30.5573, 76.6862

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.0391, 30.5589, 21.5051



79.5198, 77.2277, 78.1721



50.6915, 34.3565, 75.1936



16.5661, 15.8637, 15.8323



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.0391, 30.5589, 21.5051



49.6482, 33.4845, 18.8891



48.8005, 46.1778, 23.7961



13.7125, 13.7026, 14.2560



17.9022, 9.2279, 0.8850



1.2427, 0.6404, 0.0712



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.0391, 30.5589, 21.5051



49.6482, 33.4845, 18.8891



36.2909, 39.5419, 76.9535



13.7125, 13.7026, 14.2560



17.9022, 9.2279, 0.8850



1.2427, 0.6404, 0.0712



# Previews

## White Background



This preview shows how the XYZ color 41.0383, 30.5573, 21.5045 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 41.0383, 30.5573, 21.5045 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 41.0383, 30.5573, 21.5045**

## **Background**



This preview shows how black text looks on a background with the XYZ color 41.0383, 30.5573, 21.5045.



This preview shows how white text looks on a background with the XYZ color 41.0383, 30.5573,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

41.0383, 30.5573, 21.5045

### Protanopia

29.1841, 30.7301, 27.3150

### Deuteranopia

31.4092, 30.8589, 20.8239



## Tritanopia

41.2957, 30.4708, 23.4436

# Trichromacy



## Original Color

41.0383, 30.5573, 21.5045

## Protanomaly

32.5533, 30.0220, 25.1982

## Deuteranomaly

34.2632, 30.3620, 20.8842

## Tritanomaly

41.1679, 30.4197, 22.7706

# Monochromacy



## Original Color

41.0383, 30.5573, 21.5045

## Achromatopsia

29.4150, 30.9469, 33.7012

## Achromatomaly

32.3263, 29.8237, 28.8637

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 41.0383, 30.5573, 21.5045 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(225, 119, 120)` looks like.

```
.text, #text, p{  
    color:rgb(225, 119, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 119, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 119, 120) }
```

## Border

The CSS property to change the border of an element to XYZ 41.0383, 30.5573, 21.5045 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 119, 120) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(225, 119, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(225, 119, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 119, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 119, 120);  
box-shadow:4px 4px 4px 4px rgb(225, 119,  
120) }
```

# Background

The CSS property to change the background color of an element to XYZ 41.0383, 30.5573, 21.5045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 119, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225,  
119, 120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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