

Converting Colors

XYZ(52.1793, 57.5056, 10.8322)

Have a look what the booklet for
XYZ(52.1793, 57.5056, 10.8322)
contains.

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Color

**XYZ(52.1793, 57.5056,
10.8322)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C82D
RGB	225, 200, 45
RGB Percent	88%, 78%, 18%
CMY	0.1176, 0.2157, 0.8235
CMYK	0.00, 0.11, 0.80, 0.12
HSL	52°, 75%, 53%
HSV	52°, 80%, 88%
XYZ	52.1793, 57.5056, 10.8322
YIQ	189.8050, 64.6550, -42.9050

Conversions

Conversions Part 2

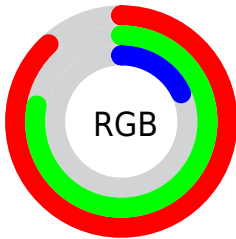
Format	Color
RYB	74, 225, 45
Decimal	14796845
CIELab	80.46, -6.38, 73.64
CIELCh	80, 73.920, 94.952
Yxy	57.5056, 0.4330, 0.4772
Android (android.graphics.Color)	4292986925 (0xFFE1C82D)
YUV	189.8050, -71.3889, 30.8660
Hunter-Lab	75.8324, -9.8833, 44.6135

Details

The XYZ color **52.1793, 57.5056, 10.8322** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **16.8632, 10.3746, 72.3474**, and the grayscale version is **49.2048, 51.7673, 56.3746**.

A 20% lighter version of the original color is **79.5498, 93.7999, 27.2771**, and **25.9508, 28.8668, 4.2041** is the 20% darker color. If you saturate the color by 10%, you get **51.1403, 55.9462, 8.8883**, and if you desaturate by 10%, it is **53.4663, 59.1923, 13.9976**.

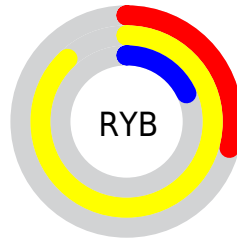
Distribution



Red (88%)

Green (78%)

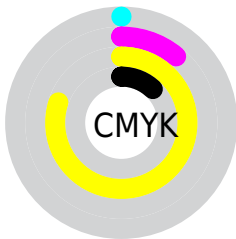
Blue (18%)



Red (29%)

Yellow (88%)

Blue (18%)

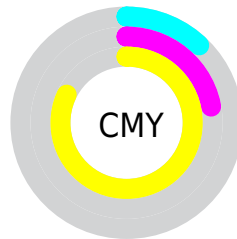


Cyan (0%)

Magenta (11%)

Yellow (80%)

Black (12%)



Cyan (12%)


Magenta (22%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1793, 57.5056, 10.8322 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 52.1793, 57.5056, 10.8322 by changing the saturation by 10% instead.


 52.1793, 57.5056,
10.8322

 52.1793, 57.5056,
10.8322


385.4410,
415.3412, 207.2086


 37.3729, 41.4113,
5.8414


 92.5683, 101.2025,
27.9813

 25.6713, 28.6406,
2.6816


 118.8815,
129.5740, 40.9767


 16.7093, 18.8091,
0.9342


 149.7611,
162.8066, 57.4774

 10.1215, 11.5324,
0.0000

 185.5723,
201.2848, 77.9019

 5.5424, 6.4262,
0.0000

 226.6806,
245.3930, 102.6687

 2.6069, 3.1059,
0.0000

 273.4512,

 0.9495, 1.1873,

295.5155, 132.1964

0.0000

326.2496,
352.0367, 166.9035

■ 0.0000, 0.0513,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1793, 57.5056,
10.8322

■ 52.1793, 57.5056,
10.8322

■ 51.1403, 55.9462,
8.8883

■ 53.4663, 59.1923,
13.9976

■ 50.2890, 54.4832,
7.8660

■ 55.0296, 61.0111,
18.5504

■ 50.2888, 54.4827,
7.8657

■ 56.8976, 62.9757,
24.6343

■ 59.0943, 65.0959,
32.3743

■ 61.6408, 67.3802,
41.8825

■ 64.5568, 69.8366,
53.2609

■ 67.8603, 72.4725,
66.6041

■ 71.5679, 75.2946,
82.0001

■ 75.6956, 78.3095,
99.5317

Harmonies

Analogous

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



67.9515, 57.5056, 13.3458



52.1793, 57.5056, 10.8322



39.6000, 57.5056, 16.0862

Triad

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



52.1793, 57.5056, 10.8322



34.0767, 57.5056, 123.6549



85.5490, 57.5056, 105.0282

Complementary

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



52.1793, 57.5056, 10.8322



16.8632, 10.3746, 72.3474

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.



73.1165, 57.5056, 158.9966



52.1793, 57.5056, 10.8322



43.2211, 57.5056, 172.7916

Square

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



52.1793, 57.5056, 10.8322



30.4552, 57.5056, 70.1009



57.2126, 57.5056, 188.0544



89.1473, 57.5056, 55.6798

Rectangle

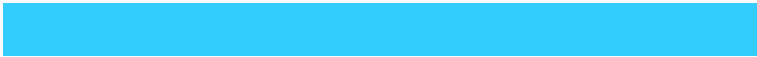
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.1793, 57.5056, 10.8322



34.0970, 57.5056, 25.8663



57.2126, 57.5056, 188.0544



82.1646, 57.5056, 123.8346

Sweetspot

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



52.1806, 57.5084, 10.8333



84.0638, 91.3634, 64.1255



33.1597, 18.3527, 7.9266



17.6995, 19.3067, 12.5841



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.



52.1806, 57.5084, 10.8333



67.1544, 72.9994, 10.8438



42.2995, 61.7212, 12.1673



14.7010, 15.6880, 14.5600



29.0434, 31.5246, 4.5541



2.0584, 2.2757, 0.3308

Inverse Universe

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



16.8632, 10.3746, 72.3474



19.0855, 9.1015, 95.3586



20.7140, 10.5019, 72.1690



13.1048, 13.5487, 17.3121



8.1671, 3.8038, 41.3521



0.6159, 0.3632, 2.8829

Previews

White Background



This preview shows how the XYZ color 52.1793, 57.5056, 10.8322 looks on a white background.

Color Contrast Check

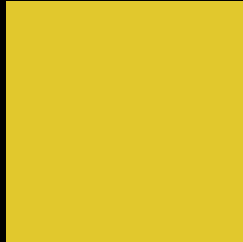
Large Text (above 18pt) WCAG AA × Fail

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 52.1793, 57.5056, 10.8322 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 52.1793, 57.5056, 10.8322

Background



This preview shows how black text looks on a background with the XYZ color 52.1793, 57.5056, 10.8322.



This preview shows how white text looks on a background with the XYZ color 52.1793, 57.5056,

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

52.1793, 57.5056, 10.8322

Protanopia

52.1793, 57.5056, 10.8322

Deuteranopia

58.5570, 57.1347, 10.9594



Tritanopia

62.6936, 57.1677, 62.9885

Trichromacy



Original Color

52.1793, 57.5056, 10.8322

Protanomaly

52.1793, 57.5056, 10.8322

Deuteranomaly

56.2214, 57.2306, 10.8797

Tritanomaly

56.9436, 56.4310, 34.2766

Monochromacy



Original Color

52.1793, 57.5056, 10.8322

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.4357, 53.0862, 31.3607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1793, 57.5056, 10.8322 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, 200, 45)` looks like.

```
.text, #text, p{  
    color:rgb(225, 200, 45)  
}
```

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, 200, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 200, 45) }
```

Border

The CSS property to change the border of an element to XYZ 52.1793, 57.5056, 10.8322 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, 200, 45) }
```


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

```
.border{ border-color:rgb(225, 200, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 200, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 200, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 200, 45);  
box-shadow:4px 4px 4px 4px rgb(225, 200,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1793, 57.5056, 10.8322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 200, 45) }
```

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

```
.background{ background-color: rgb(225,  
200, 45) }
```

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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