

Converting Colors

XYZ(52.0954, 52.4095, 10.3881)

Have a look what the booklet for
XYZ(52.0954, 52.4095, 10.3881)
contains.

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Color

**XYZ(52.1856, 52.5904,
10.4181)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB932
RGB	235, 185, 50
RGB Percent	92%, 73%, 20%
CMY	0.0784, 0.2745, 0.8039
CMYK	0.00, 0.21, 0.79, 0.08
HSL	44°, 82%, 56%
HSV	44°, 79%, 92%
XYZ	52.1856, 52.5904, 10.4181
YIQ	184.5600, 73.1350, -31.3850

Conversions

Conversions Part 2

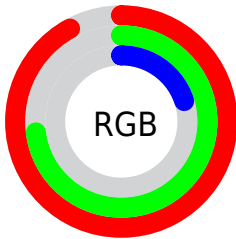
Format	Color
RYB	119, 235, 50
Decimal	15448370
CIELab	77.63, 5.84, 69.96
CIELCh	78, 70.203, 85.231
Yxy	52.5904, 0.4530, 0.4565
Android (android.graphics.Color)	4293638450 (0xFFEBB932)
YUV	184.5600, -66.3381, 44.2359
Hunter-Lab	72.5192, 1.5418, 42.2459

Details

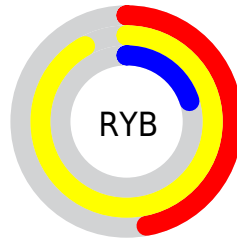
The XYZ color **52.1856, 52.5904, 10.4181** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **20.8679, 15.7903, 80.5445**, and the grayscale version is **46.1993, 48.6052, 52.9311**.

A 20% lighter version of the original color is **75.3491, 85.2321, 26.3900**, and **25.9305, 25.6165, 3.5778** is the 20% darker color. If you saturate the color by 10%, you get **50.5040, 49.8413, 7.9656**, and if you desaturate by 10%, it is **54.1888, 55.5673, 14.2610**.

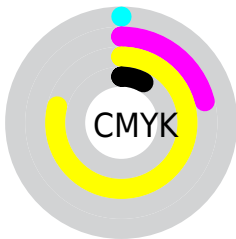
Distribution



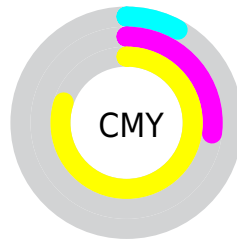
- Red (92%)
- Green (73%)
- Blue (20%)



- Red (47%)
- Yellow (92%)
- Blue (20%)



- Cyan (0%)
- Magenta (21%)
- Yellow (79%)
- Black (8%)





- Cyan (8%)
- Magenta (27%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1856, 52.5904, 10.4181 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 52.1856, 52.5904, 10.4181 by changing the saturation by 10% instead.


 52.1856, 52.5904,
10.4181


 52.1856, 52.5904,
10.4181


385.4649,
396.7117, 204.2227

 37.3779, 37.4759,
5.5678


 92.5775, 94.0014,
27.1990

 25.6752, 25.5762,
2.5196


 118.8924,
121.0666, 39.9667


 16.7122, 16.5068,
0.8505


 149.7738,
152.8842, 56.2107

 10.1236, 9.8835,
0.0000

 185.5870,
189.8386, 76.3494

 5.5439, 5.3218,
0.0000

 226.6973,
232.3142, 100.8014

 2.6078, 2.4373,
0.0000

 273.4702,

 0.9499, 0.8450,

280.6952, 129.9852

0.0000

326.2709,
335.3663, 164.3195

■ 0.0000, 0.0000,
0.0000

■ 52.1856, 52.5904,
10.4181

■ 52.1856, 52.5904,
10.4181

■ 50.5040, 49.8413,
7.9656

■ 54.1888, 55.5673,
14.2610

■ 49.0878, 47.2900,
6.6270


■ 56.5459, 58.7798,
19.6758


■ 48.9169, 46.9745,
6.4888


■ 59.2883, 62.2438,
26.8198


■ 62.4427, 65.9711,
35.8301

■ 66.0333, 69.9725,
46.8301

 70.0822, 74.2580,
59.9324

 74.6097, 78.8368,
75.2414

 79.6350, 83.7176,
92.8543

 84.1110, 88.4826,
107.2535

Harmonies

Analogous

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



66.3849, 52.5904, 15.2070



52.1856, 52.5904, 10.4181



39.6706, 52.5904, 12.7827

Triad

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



52.1856, 52.5904, 10.4181



29.9079, 52.5904, 95.3740



74.6205, 52.5904, 111.3008

Complementary

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



52.1856, 52.5904, 10.4181



20.8679, 15.7903, 80.5445

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.



61.9495, 52.5904, 154.9074



52.1856, 52.5904, 10.4181



36.5373, 52.5904, 143.1600

Square

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



52.1856, 52.5904, 10.4181



28.2371, 52.5904, 51.2734



47.8483, 52.5904, 168.6290



80.7460, 52.5904, 63.6996

Rectangle

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



52.1856, 52.5904, 10.4181



33.6597, 52.5904, 19.1193



47.8483, 52.5904, 168.6290



70.8855, 52.5904, 127.6285

Sweetspot

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



52.1868, 52.5930, 10.4191



81.6642, 86.5641, 63.3256



37.8206, 20.9113, 14.7228



17.1156, 18.1389, 12.3895



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.



52.1868, 52.5930, 10.4191



59.7903, 58.2192, 8.5494



52.7681, 71.2375, 13.9872



15.9877, 16.8984, 15.9378



27.3358, 26.3658, 3.6484



2.2254, 2.2281, 0.3128

Inverse Universe

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



20.8679, 15.7903, 80.5445



21.1262, 13.0726, 96.0175



20.3610, 10.4578, 79.5420



14.5624, 15.2112, 19.0908



9.4409, 5.5288, 44.3125



0.8188, 0.5890, 3.5054

Previews

White Background



This preview shows how the XYZ color 52.1856, 52.5904, 10.4181 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 52.1856, 52.5904, 10.4181 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 52.1856, 52.5904, 10.4181

Background



This preview shows how black text looks on a background with the XYZ color 52.1856, 52.5904, 10.4181.



This preview shows how white text looks on a background with the XYZ color 52.1856, 52.5904,

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

52.1856, 52.5904, 10.4181

Protanopia

48.0087, 52.9868, 10.9460

Deuteranopia

53.6011, 52.3957, 10.4203



Tritanopia

61.1147, 52.6654, 53.3987

Trichromacy



Original Color

52.1856, 52.5904, 10.4181

Protanomaly

49.4424, 52.7539, 10.7086

Deuteranomaly

53.1276, 52.4567, 10.4570

Tritanomaly

56.5131, 51.9512, 30.7159

Monochromacy



Original Color

52.1856, 52.5904, 10.4181

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4215, 49.1720, 30.3370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1856, 52.5904, 10.4181 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(235, 185, 50)` looks like.

```
.text, #text, p{  
    color:rgb(235, 185, 50)  
}
```

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(235, 185, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 185, 50) }
```

Border

The CSS property to change the border of an element to XYZ 52.1856, 52.5904, 10.4181 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(235, 185, 50) }
```


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

```
.border{ border-color:rgb(235, 185, 50) }
```

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

Here you see how a box with a 4 pixel rgb(235, 185, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 185, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 185, 50);  
box-shadow:4px 4px 4px 4px rgb(235, 185,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1856, 52.5904, 10.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 185, 50) }
```

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

```
.background{ background-color: rgb(235,  
185, 50) }
```

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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