

Converting Colors

XYZ(57.9923, 56.1950, 11.5004)

Have a look what the booklet for
XYZ(57.9923, 56.1950, 11.5004)
contains.

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Color

**XYZ(57.9085, 56.1502,
11.5273)**

Conversions

Conversions Part 1

Format	Color
Hex	FABB38
RGB	250, 187, 56
RGB Percent	98%, 73%, 22%
CMY	0.0196, 0.2666, 0.7804
CMYK	0.00, 0.25, 0.78, 0.02
HSL	41°, 95%, 60%
HSV	41°, 78%, 98%
XYZ	57.9085, 56.1502, 11.5273
YIQ	190.9030, 79.5990, -27.3850

Conversions

Conversions Part 2

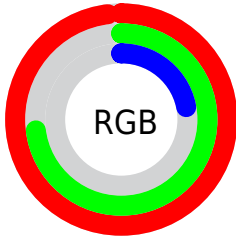
Format	Color
RYB	149, 250, 56
Decimal	16431928
CIELab	79.70, 11.38, 70.39
CIElCh	80, 71.299, 80.817
Yxy	56.1502, 0.4611, 0.4471
Android (android.graphics.Color)	4294622008 (0xFFFABB38)
YUV	190.9030, -66.5072, 51.8281
Hunter-Lab	74.9334, 6.8111, 43.3326

Details

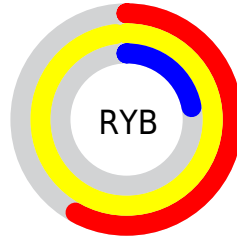
The XYZ color **57.9085, 56.1502, 11.5273** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **25.4828, 20.9358, 93.1398**, and the grayscale version is **49.8077, 52.4015, 57.0653**.

A 20% lighter version of the original color is **76.2152, 86.5310, 28.0144**, and **29.5114, 27.8690, 3.8238** is the 20% darker color. If you saturate the color by 10%, you get **55.7693, 52.6186, 8.5137**, and if you desaturate by 10%, it is **60.4525, 60.0041, 16.1812**.

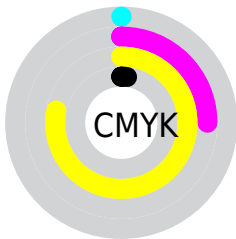
Distribution



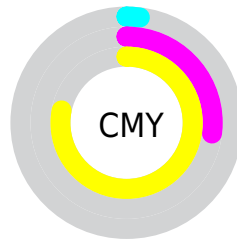
- Red (98%)
- Green (73%)
- Blue (22%)



- Red (58%)
- Yellow (98%)
- Blue (22%)



- Cyan (0%)
- Magenta (25%)
- Yellow (78%)
- Black (2%)



- Cyan (2%)
- Magenta (27%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9085, 56.1502, 11.5273 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 57.9085, 56.1502, 11.5273 by changing the saturation by 10% instead.

57.9085, 56.1502,
11.5273

57.9085, 56.1502,
11.5273

406.8043,
410.2573, 212.1159

41.9781, 40.3234,
6.3041

100.9133, 99.2242,
29.2826

29.2752, 27.7908,
2.9591

128.7184,
127.2401, 42.6518

19.4344, 18.1680,
1.0738

161.2125,
160.0878, 59.5733

12.0904, 11.0707,
0.0000

198.7608,
198.1517, 80.4658

6.8779, 6.1144,
0.0000

241.7288,
241.8162, 105.7478

3.4315, 2.9148,
0.0000

290.4818,

1.3859, 1.0874,

291.4657, 135.8377

0.0000

345.3852,
347.4846, 171.1543

■ 0.2461, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9085, 56.1502,
11.5273

■ 57.9085, 56.1502,
11.5273

■ 55.7693, 52.6186,
8.5137

■ 60.4525, 60.0041,
16.1812


■ 53.9767, 49.3765,
6.8582


■ 63.4390, 64.1910,
22.6833


■ 53.5789, 48.6335,
6.5633


■ 66.9049, 68.7304,
31.2142


■ 70.8816, 73.6371,
41.9318

 75.3973, 78.9248,
54.9784

 80.4781, 84.6063,
70.4840

 86.1483, 90.6934,
88.5693

 92.2685, 97.1326,
108.4931

 93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



72.8325, 56.1502, 17.9836



57.9085, 56.1502, 11.5273



44.1259, 56.1502, 12.9493

Triad

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



57.9085, 56.1502, 11.5273



31.4557, 56.1502, 93.8515



77.8226, 56.1502, 126.1274

Complementary

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



57.9085, 56.1502, 11.5273



25.4828, 20.9358, 93.1398

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.



63.8206, 56.1502, 169.1725



57.9085, 56.1502, 11.5273



37.7245, 56.1502, 145.4473

Square

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



57.9085, 56.1502, 11.5273



30.4460, 56.1502, 49.3418



49.0733, 56.1502, 177.5010



85.6153, 56.1502, 74.6788

Rectangle

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



57.9085, 56.1502, 11.5273



37.2468, 56.1502, 18.6338



49.0733, 56.1502, 177.5010



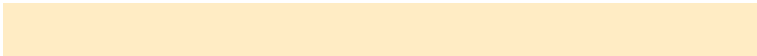
73.5789, 56.1502, 142.8736

Sweetspot

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



57.9098, 56.1530, 11.5284



81.2264, 85.2269, 64.6030



44.2694, 24.5250, 20.3836



16.9849, 17.7893, 12.6179



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.



57.9098, 56.1530, 11.5284



57.2673, 53.1418, 7.8049



63.7132, 83.5104, 16.5030



18.2245, 19.1849, 18.2049



28.5565, 26.0697, 3.5269



2.7411, 2.6071, 0.3587

Inverse Universe

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



25.4828, 20.9358, 93.1398



22.3758, 15.5055, 96.4213



22.7261, 11.8220, 91.5260



16.7432, 17.5633, 21.8929



10.8361, 7.0278, 48.7589



1.0956, 0.8349, 4.5466

Previews

White Background



This preview shows how the XYZ color 57.9085, 56.1502, 11.5273 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 57.9085, 56.1502, 11.5273 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 57.9085, 56.1502, 11.5273

Background



This preview shows how black text looks on a background with the XYZ color 57.9085, 56.1502, 11.5273.



This preview shows how white text looks on a background with the XYZ color 57.9085, 56.1502,

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

57.9085, 56.1502, 11.5273

Protanopia

51.1077, 56.2335, 12.2982

Deuteranopia

57.4084, 56.2084, 11.5649



Tritanopia

65.9506, 55.9848, 55.4743

Trichromacy



Original Color

57.9085, 56.1502, 11.5273

Protanomaly

53.3342, 56.0449, 12.0097

Deuteranomaly

57.7640, 56.3917, 11.5816

Tritanomaly

61.6370, 55.4483, 32.6533

Monochromacy



Original Color

57.9085, 56.1502, 11.5273

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.4473, 52.7770, 33.1193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9085, 56.1502, 11.5273 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(250, 187, 56)` looks like.

```
.text, #text, p{  
    color:rgb(250, 187, 56)  
}
```

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(250, 187, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 187, 56) }
```

Border

The CSS property to change the border of an element to XYZ 57.9085, 56.1502, 11.5273 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(250, 187, 56) }
```


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

```
.border{ border-color:rgb(250, 187, 56) }
```

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

Here you see how a box with a 4 pixel rgb(250, 187, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 187, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 187, 56);  
box-shadow:4px 4px 4px 4px rgb(250, 187,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9085, 56.1502, 11.5273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 187, 56) }
```

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

```
.background{ background-color: rgb(250,  
187, 56) }
```

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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