

Converting Colors

XYZ(59.3029, 57.1394, 8.7117)

Have a look what the booklet for
XYZ(59.3029, 57.1394, 8.7117)
contains.

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Color

**XYZ(59.3779, 57.2883,
8.7388)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBC17
RGB	255, 188, 23
RGB Percent	100%, 74%, 9%
CMY	0.0000, 0.2627, 0.9098
CMYK	0.00, 0.26, 0.91, 0.00
HSL	43°, 100%, 55%
HSV	43°, 91%, 100%
XYZ	59.3779, 57.2883, 8.7388
YIQ	189.2230, 92.8970, -37.1110

Conversions

Conversions Part 2

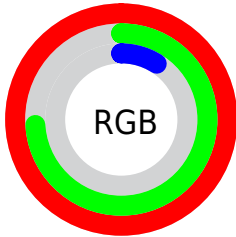
Format	Color
R_{YB}	117, 255, 23
Decimal	16759831
CIE _{Lab}	80.34, 12.17, 79.84
CIE _{LCh}	80, 80.757, 81.336
Yxy	57.2883, 0.4735, 0.4568
Android (android.graphics.Color)	4294949911 (0xFFFFBC17)
YUV	189.2230, -81.9479, 57.6864
Hunter-Lab	75.6890, 7.5771, 46.1369

Details

The XYZ color **59.3779, 57.2883, 8.7388** 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 **22.0600, 14.7152, 96.2847**, and the grayscale version is **48.9171, 51.4646, 56.0449**.

A 20% lighter version of the original color is **75.4790, 86.7167, 22.6574**, and **30.6563, 28.6654, 3.9172** is the 20% darker color. If you saturate the color by 10%, you get **57.8373, 54.4549, 7.4625**, and if you desaturate by 10%, it is **61.3821, 60.6740, 11.3280**.

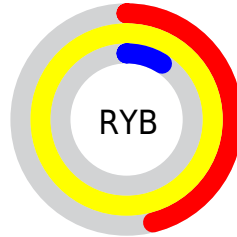
Distribution



Red (100%)

Green (74%)

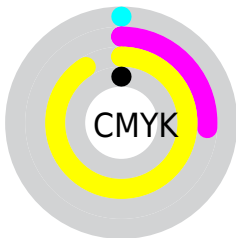
Blue (9%)



Red (46%)

Yellow (100%)

Blue (9%)

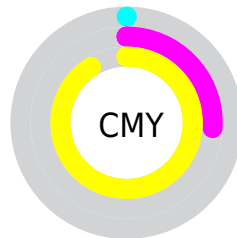


Cyan (0%)

Magenta (26%)

Yellow (91%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3779, 57.2883, 8.7388 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 59.3779, 57.2883, 8.7388 by changing the saturation by 10% instead.


 59.3779, 57.2883,
8.7388


 59.3779, 57.2883,
8.7388


412.1725,
414.5287, 191.5630


 43.1649, 41.2368,
4.4767


 103.0382,
100.8857, 23.9642

 30.2096, 28.5041,
1.8904


 131.2162,
129.2004, 35.7646


 20.1466, 18.7060,
0.4866


 164.1134,
162.3716, 50.9149

 12.6106, 11.4581,
0.0000

 202.0949,
200.7836, 69.8335

 7.2361, 6.3758,
0.0000

 245.5262,
244.8210, 92.9391

 3.6578, 3.0749,
0.0000

 294.7727,

 1.5104, 1.1710,

294.8680, 120.6502

0.0000

350.1997,
351.3091, 153.3853

■ 0.3329, 0.0378,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3779, 57.2883,
8.7388

■ 59.3779, 57.2883,
8.7388

■ 57.8373, 54.4549,
7.4625

■ 61.3821, 60.6740,
11.3280

■ 63.7694, 64.3410,
15.5386

■ 66.5872, 68.3122,
21.6090

■ 69.8742, 72.6050,
29.7372

73.6641, 77.2346,
40.0956

77.9872, 82.2148,
52.8386

82.8712, 87.5584,
68.1066

88.3417, 93.2772,
86.0290

94.4224, 99.3824,
106.7265

Harmonies

Analogous

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



76.8067, 57.2883, 14.8936



59.3779, 57.2883, 8.7388



43.6912, 57.2883, 10.2170

Triad

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



59.3779, 57.2883, 8.7388



29.8970, 57.2883, 101.6793



83.2127, 57.2883, 138.2299

Complementary

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



59.3779, 57.2883, 8.7388



22.0600, 14.7152, 96.2847

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.



66.8460, 57.2883, 191.2919



59.3779, 57.2883, 8.7388



36.9176, 57.2883, 163.7964

Square

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



59.3779, 57.2883, 8.7388



28.6966, 57.2883, 49.6511



49.8041, 57.2883, 202.4731



92.2804, 57.2883, 77.1109

Rectangle

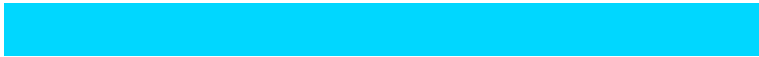
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.3779, 57.2883, 8.7388



36.0488, 57.2883, 15.9679



49.8041, 57.2883, 202.4731



78.2426, 57.2883, 158.6611

Sweetspot

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



59.3792, 57.2912, 8.7399



79.8610, 84.2957, 58.5996



43.5048, 22.6565, 12.3452



16.7481, 17.6596, 11.4786



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.



59.3792, 57.2912, 8.7399



57.8377, 54.4553, 7.4626



62.0964, 85.0787, 13.9602



19.0921, 20.1523, 19.0279



30.3560, 28.7233, 3.9442



3.0496, 2.9845, 0.4153

Inverse Universe

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



22.0600, 14.7152, 96.2847



20.4747, 12.0693, 95.8582



20.8399, 9.1134, 95.2677



17.4303, 18.2321, 22.8504



10.8086, 6.5267, 50.1247



1.1413, 0.8133, 4.9101

Previews

White Background



This preview shows how the XYZ color 59.3779, 57.2883, 8.7388 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 59.3779, 57.2883, 8.7388 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 59.3779, 57.2883, 8.7388

Background



This preview shows how black text looks on a background with the XYZ color 59.3779, 57.2883, 8.7388.



This preview shows how white text looks on a background with the XYZ color 59.3779, 57.2883,

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

59.3779, 57.2883, 8.7388

Protanopia

51.9034, 57.3952, 9.3797

Deuteranopia

58.4873, 57.1486, 8.7072



Tritanopia

66.6544, 57.2179, 56.2463

Trichromacy



Original Color

59.3779, 57.2883, 8.7388

Protanomaly

54.5185, 57.3873, 9.1807

Deuteranomaly

58.8504, 57.3358, 8.7242

Tritanomaly

61.9304, 56.3009, 28.3719

Monochromacy



Original Color

59.3779, 57.2883, 8.7388

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.6006, 52.1263, 28.2160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3779, 57.2883, 8.7388 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(255, 188, 23)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 23)  
}
```

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(255, 188, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 23) }
```

Border

The CSS property to change the border of an element to XYZ 59.3779, 57.2883, 8.7388 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(255, 188, 23) }
```


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

```
.border{ border-color:rgb(255, 188, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 23);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3779, 57.2883, 8.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 23) }
```

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

```
.background{ background-color: rgb(255,  
188, 23) }
```

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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