

Converting Colors

XYZ(58.3763, 57.2746, 8.6152)

Have a look what the booklet for
XYZ(58.3763, 57.2746, 8.6152)
contains.

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Color

**XYZ(58.3147, 57.3832,
8.6186)**

Conversions

Conversions Part 1

Format	Color
Hex	FBBE13
RGB	251, 190, 19
RGB Percent	98%, 75%, 7%
CMY	0.0157, 0.2549, 0.9254
CMYK	0.00, 0.24, 0.92, 0.02
HSL	44°, 97%, 53%
HSV	44°, 92%, 98%
XYZ	58.3147, 57.3832, 8.6186
YIQ	188.7450, 91.2470, -40.2490

Conversions

Conversions Part 2

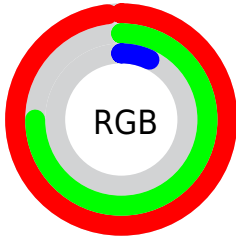
Format	Color
RYB	102, 251, 19
Decimal	16498195
CIELab	80.39, 9.37, 80.32
CIELCh	80, 80.870, 83.347
Yxy	57.3832, 0.4691, 0.4616
Android (android.graphics.Color)	4294688275 (0xFFFBBE13)
YUV	188.7450, -83.6843, 54.5976
Hunter-Lab	75.7517, 4.8463, 46.2805

Details

The XYZ color **58.3147, 57.3832, 8.6186** 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 **20.5503, 12.8416, 92.6617**, and the grayscale version is **48.6528, 51.1866, 55.7422**.

A 20% lighter version of the original color is **76.0412, 87.9097, 22.6333**, and **29.9319, 28.7101, 3.9640** is the 20% darker color. If you saturate the color by 10%, you get **57.1341, 55.2104, 7.6454**, and if you desaturate by 10%, it is **60.1170, 60.4456, 10.8927**.

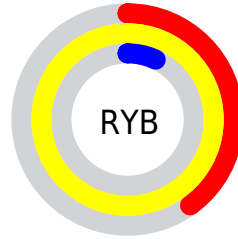
Distribution



Red (98%)

Green (75%)

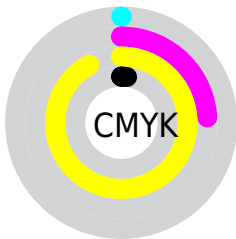
Blue (7%)



Red (40%)

Yellow (98%)

Blue (7%)

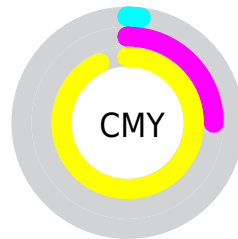


Cyan (0%)

Magenta (24%)

Yellow (92%)

Black (2%)



Cyan (2%)


Magenta (25%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3147, 57.3832, 8.6186 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 58.3147, 57.3832, 8.6186 by changing the saturation by 10% instead.


 58.3147, 57.3832,
8.6186

 58.3147, 57.3832,
8.6186


408.2925,
414.8837, 190.6187


 42.3059, 41.3130,
4.3999


 101.5013,
101.0241, 23.7284

 29.5331, 28.5637,
1.8472


 129.4099,
129.3636, 35.4565


 19.6308, 18.7510,
0.4588


 162.0158,
162.5616, 50.5249

 12.2336, 11.4905,
0.0000

 199.6844,
201.0026, 69.3520

 6.9763, 6.3978,
0.0000

 242.7810,
245.0709, 92.3564

 3.4935, 3.0884,
0.0000

 291.6710,

 1.4198, 1.1781,

295.1509, 119.9566

0.0000

346.7197,
351.6270, 152.5712

■ 0.2703, 0.0437,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3147, 57.3832,
8.6186

■ 58.3147, 57.3832,
8.6186


■ 57.1341, 55.2104,
7.6454


■ 60.1170, 60.4456,
10.8927


■ 62.2686, 63.7502,
14.6880


■ 64.8161, 67.3194,
20.2411


■ 67.7973, 71.1696,
27.7467

 71.2450, 75.3151,
37.3736

 75.1885, 79.7688,
49.2723

 79.6544, 84.5427,
63.5795

 84.6675, 89.6478,
80.4211

 90.2505, 95.0945,
99.9142

Harmonies

Analogous

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



75.8472, 57.3832, 14.1561



58.3147, 57.3832, 8.6186



42.8688, 57.3832, 10.5808

Triad

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



58.3147, 57.3832, 8.6186



30.2156, 57.3832, 106.0427



84.2875, 57.3832, 134.2757

Complementary

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



58.3147, 57.3832, 8.6186



20.5503, 12.8416, 92.6617

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.



68.1601, 57.3832, 189.2006



58.3147, 57.3832, 8.6186



37.6528, 57.3832, 167.9328

Square

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



58.3147, 57.3832, 8.6186



28.6300, 57.3832, 52.4977



50.9337, 57.3832, 203.9107



92.6826, 57.3832, 73.6550

Rectangle

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



58.3147, 57.3832, 8.6186



35.4715, 57.3832, 16.8554



50.9337, 57.3832, 203.9107



79.4514, 57.3832, 155.0455

Sweetspot

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



58.3160, 57.3861, 8.6197



79.9110, 84.8262, 57.2892



41.4970, 21.5675, 9.7360



16.6904, 17.7074, 10.9565



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.



58.3160, 57.3861, 8.6197



59.2141, 57.2081, 7.9214



57.6063, 80.8936, 13.1945



18.3186, 19.3731, 18.2363



30.1573, 29.2713, 4.0605



2.8794, 2.8836, 0.4048

Inverse Universe

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



20.5503, 12.8416, 92.6617



20.0597, 11.2394, 95.7199



20.4041, 8.8532, 91.8996



16.6541, 17.3850, 21.8632



10.2768, 5.9092, 48.5725



1.0343, 0.7123, 4.5262

Previews

White Background



This preview shows how the XYZ color 58.3147, 57.3832, 8.6186 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 58.3147, 57.3832, 8.6186 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 58.3147, 57.3832, 8.6186

Background



This preview shows how black text looks on a background with the XYZ color 58.3147, 57.3832, 8.6186.



This preview shows how white text looks on a background with the XYZ color 58.3147, 57.3832,

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

58.3147, 57.3832, 8.6186

Protanopia

51.8603, 57.3780, 9.1523

Deuteranopia

58.4687, 57.1411, 8.6095



Tritanopia

66.7641, 57.2618, 56.8240

Trichromacy



Original Color

58.3147, 57.3832, 8.6186

Protanomaly

53.8164, 57.0302, 8.9306

Deuteranomaly

58.4687, 57.1411, 8.6095

Tritanomaly

61.7028, 56.4963, 28.0749

Monochromacy



Original Color

58.3147, 57.3832, 8.6186

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.1797, 51.9245, 27.5091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3147, 57.3832, 8.6186 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(251, 190, 19)` looks like.

```
.text, #text, p{  
    color:rgb(251, 190, 19)  
}
```

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(251, 190, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 190, 19) }
```

Border

The CSS property to change the border of an element to XYZ 58.3147, 57.3832, 8.6186 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(251, 190, 19) }
```


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

```
.border{ border-color:rgb(251, 190, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 190, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 190, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 190, 19);  
box-shadow:4px 4px 4px 4px rgb(251, 190,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3147, 57.3832, 8.6186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 190, 19) }
```

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

```
.background{ background-color: rgb(251,  
190, 19) }
```

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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