

Converting Colors

XYZ(58.3425, 57.0906, 7.9446)

Have a look what the booklet for
XYZ(58.3425, 57.0906, 7.9446)
contains.

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Color

**XYZ(58.3425, 57.0906,
7.9446)**

Conversions

Conversions Part 1

Format	Color
Hex	FCBD00
RGB	252, 189, 0
RGB Percent	99%, 74%, 0%
CMY	0.0118, 0.2588, 0.9999
CMYK	0.00, 0.25, 1.00, 0.01
HSL	45°, 100%, 49%
HSV	45°, 100%, 99%
XYZ	58.3425, 57.0906, 7.9446
YIQ	186.2910, 98.2170, -45.4230

Conversions

Conversions Part 2

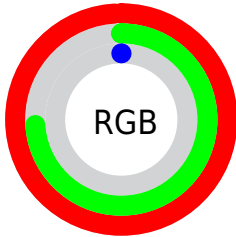
Format	Color
R _Y B	84, 252, 0
Decimal	16563456
CIE Lab	80.23, 10.14, 82.34
CIE LCh	80, 82.964, 82.976
Yxy	57.0906, 0.4729, 0.4627
Android (android.graphics.Color)	4294753536 (0xFFFCBD00)
YUV	186.2910, -91.8415, 57.6268
Hunter-Lab	75.5583, 5.6020, 46.6568

Details

The XYZ color **58.3425, 57.0906, 7.9446** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle saturated orange. A complement of this color would be **19.3491, 10.5849, 93.1181**, and the grayscale version is **47.2990, 49.7622, 54.1910**.

A 20% lighter version of the original color is **75.4926, 87.2049, 21.2408**, and **30.0394, 28.5555, 3.9285** is the 20% darker color. If you saturate the color by 10%, you get **58.3425, 57.0911, 7.9447**, and if you desaturate by 10%, it is **59.9063, 59.9342, 9.3433**.

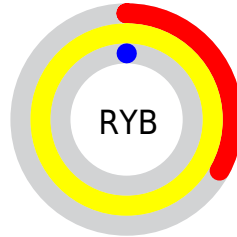
Distribution



Red (99%)

Green (74%)

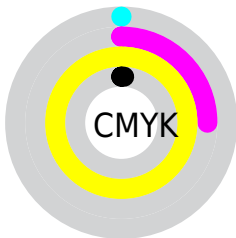
Blue (0%)



Red (33%)

Yellow (99%)

Blue (0%)

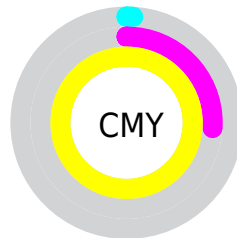


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (1%)



Cyan (1%)


Magenta (26%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3425, 57.0906, 7.9446 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 58.3425, 57.0906, 7.9446 by changing the saturation by 10% instead.


 58.3425, 57.0906,
7.9446

 58.3425, 57.0906,
7.9446


408.3943,
413.7887, 185.2152


 42.3284, 41.0780,
3.9723


 101.5416,
100.5974, 22.3941

 29.5507, 28.3800,
1.6101


 129.4572,
128.8603, 33.7084

 19.6442, 18.6123,
0.2980


 162.0707,
161.9755, 48.3071

 12.2434, 11.3905,
0.0000

 199.7475,
200.3273, 66.6087

 6.9831, 6.3301,
0.0000

 242.8529,
244.3001, 89.0318

 3.4978, 3.0468,
0.0000

 291.7523,

 1.4221, 1.1562,

294.2784, 115.9948

0.0000

346.8109,
350.6464, 147.9165

■ 0.2719, 0.0255,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3425, 57.0906,
7.9446

■ 58.3425, 57.0906,
7.9446

■ 58.3425, 57.0911,
7.9447

■ 59.9063, 59.9342,
9.3433

■ 61.7577, 62.9858,
11.9679

■ 63.9689, 66.2778,
16.1899

■ 66.5835, 69.8288,
22.2349

■ 69.6379, 73.6544,
30.2920

■ 73.1643, 77.7686,
40.5268

■ 77.1915, 82.1840,
53.0874

■ 81.7456, 86.9120,
68.1090

■ 86.8510, 91.9635,
85.7163

Harmonies

Analogous

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



76.3250, 57.0906, 13.4790



58.3425, 57.0906, 7.9446



42.5194, 57.0906, 9.7682

Triad

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



58.3425, 57.0906, 7.9446



29.4671, 57.0906, 106.1298



84.6309, 57.0906, 136.9156

Complementary

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



58.3425, 57.0906, 7.9446



19.3491, 10.5849, 93.1181

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.



67.9911, 57.0906, 193.6035



58.3425, 57.0906, 7.9446



36.9234, 57.0906, 170.2896

Square

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



58.3425, 57.0906, 7.9446



27.9376, 57.0906, 51.4424



50.3781, 57.0906, 208.2429



93.4186, 57.0906, 74.2759

Rectangle

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



58.3425, 57.0906, 7.9446



34.9555, 57.0906, 15.8528



50.3781, 57.0906, 208.2429



79.6232, 57.0906, 158.3910

Sweetspot

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



58.3438, 57.0935, 7.9457



79.2858, 84.4138, 54.4979



41.0425, 21.0548, 6.6057



16.5832, 17.6503, 10.4359



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.



58.3438, 57.0935, 7.9457



59.9258, 58.6317, 8.1586



55.7977, 80.4398, 12.5862



18.3384, 19.4127, 18.2429



30.5146, 29.9859, 4.1796



2.9099, 2.9447, 0.4150

Inverse Universe

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



19.3491, 10.5849, 93.1181



19.8692, 10.8584, 95.6564



19.6217, 8.0860, 92.6214



16.6355, 17.3479, 21.8570



10.1762, 5.7080, 48.5390



1.0228, 0.6893, 4.5223

Previews

White Background



This preview shows how the XYZ color 58.3425, 57.0906, 7.9446 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 58.3425, 57.0906, 7.9446 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 58.3425, 57.0906, 7.9446

Background



This preview shows how black text looks on a background with the XYZ color 58.3425, 57.0906, 7.9446.



This preview shows how white text looks on a background with the XYZ color 58.3425, 57.0906,

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

58.3425, 57.0906, 7.9446

Protanopia

51.7849, 57.3478, 8.7553

Deuteranopia

58.3534, 57.0950, 8.0023



Tritanopia

66.6544, 57.2179, 56.2463

Trichromacy



Original Color

58.3425, 57.0906, 7.9446

Protanomaly

54.0502, 57.1617, 8.4430

Deuteranomaly

58.3480, 57.0928, 7.9735

Tritanomaly

61.2577, 56.3183, 25.7310

Monochromacy



Original Color

58.3425, 57.0906, 7.9446

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.6187, 50.5503, 24.3869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3425, 57.0906, 7.9446 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(252, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 189, 0)  
}
```

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(252, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 189, 0) }
```

Border

The CSS property to change the border of an element to XYZ 58.3425, 57.0906, 7.9446 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(252, 189, 0) }
```


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

```
.border{ border-color:rgb(252, 189, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 189, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 189,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3425, 57.0906, 7.9446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 189, 0) }
```

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

```
.background{ background-color: rgb(252,  
189, 0) }
```

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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