

Converting Colors

XYZ(57.9739, 61.5891, 8.8323)

Have a look what the booklet for
XYZ(57.9739, 61.5891, 8.8323)
contains.

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Color

**XYZ(57.9739, 61.5891,
8.8323)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CB00
RGB	242, 203, 0
RGB Percent	95%, 80%, 0%
CMY	0.0510, 0.2039, 0.9999
CMYK	0.00, 0.16, 1.00, 0.05
HSL	50°, 100%, 47%
HSV	50°, 100%, 95%
XYZ	57.9739, 61.5891, 8.8323
YIQ	191.5190, 88.4070, -54.8650

Conversions

Conversions Part 2

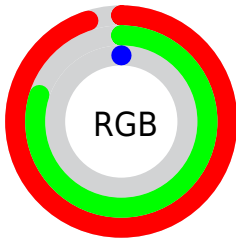
Format	Color
R _Y B	46, 242, 0
Decimal	15911680
CIE Lab	82.69, -1.37, 83.59
CIE LCh	83, 83.597, 90.941
Yxy	61.5891, 0.4515, 0.4797
Android (android.graphics.Color)	4294101760 (0xFFFF2CB00)
YUV	191.5190, -94.4189, 44.2718
Hunter-Lab	78.4787, -5.4760, 48.2624

Details

The XYZ color **57.9739, 61.5891, 8.8323** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **16.7532, 7.8630, 84.6385**, and the grayscale version is **50.3221, 52.9428, 57.6547**.

A 20% lighter version of the original color is **78.6797, 93.4519, 22.6953**, and **29.8035, 31.3186, 4.4743** is the 20% darker color. If you saturate the color by 10%, you get **57.9743, 61.5903, 8.8325**, and if you desaturate by 10%, it is **59.0750, 63.5242, 10.0242**.

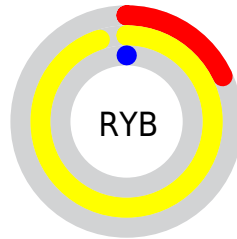
Distribution



Red (95%)

Green (80%)

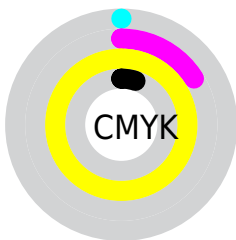
Blue (0%)



Red (18%)

Yellow (95%)

Blue (0%)

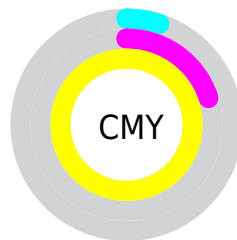


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (20%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9739, 61.5891, 8.8323 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 57.9739, 61.5891, 8.8323 by changing the saturation by 10% instead.


 57.9739, 61.5891,
8.8323

 57.9739, 61.5891,
8.8323


407.0441,
430.4307, 192.2937


 42.0308, 44.7008,
4.5366


 101.0080,
107.1314, 24.1472


 29.3167, 31.2218,
1.9241


 128.8298,
136.5542, 36.0035

 19.4660, 20.7678,
0.5080

 161.3419,
170.9240, 51.2171

 12.1135, 12.9544,
0.0000

 198.9096,
210.6251, 70.2066

 6.8937, 7.3971,
0.0000

 241.8984,
256.0419, 93.3904

 3.4415, 3.7117,
0.0000

 290.6734,

 1.3913, 1.5136,

307.5588, 121.1872

0.0000

345.6002,
365.5603, 154.0154

■ 0.2500, 0.2983,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9739, 61.5891,
8.8323

■ 57.9739, 61.5891,
8.8323

■ 57.9743, 61.5903,
8.8325

■ 59.0750, 63.5242,
10.0242

■ 60.4060, 65.5861,
12.3180

■ 62.0333, 67.8042,
16.0560

■ 63.9957, 70.1941,
21.4419

■ 66.3258, 72.7692,
28.6467

■ 69.0522, 75.5412,
37.8198

■ 72.2004, 78.5206,
49.0952

■ 75.7938, 81.7169,
62.5953

■ 79.8540, 85.1391,
78.4328

Harmonies

Analogous

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



76.9517, 61.5891, 12.4560



57.9739, 61.5891, 8.8323



42.5274, 61.5891, 12.9917

Triad

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



57.9739, 61.5891, 8.8323



33.6476, 61.5891, 131.7926



94.1833, 61.5891, 127.4325

Complementary

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



57.9739, 61.5891, 8.8323



16.7532, 7.8630, 84.6385

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.



78.1353, 61.5891, 192.5685



57.9739, 61.5891, 8.8323



43.3253, 61.5891, 195.8650

Square

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



57.9739, 61.5891, 8.8323



30.3686, 61.5891, 68.6956



59.1069, 61.5891, 222.3731



100.2684, 61.5891, 65.4506

Rectangle

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



57.9739, 61.5891, 8.8323



35.6224, 61.5891, 22.0713



59.1069, 61.5891, 222.3731



89.6327, 61.5891, 150.6078

Sweetspot

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



57.9753, 61.5921, 8.8335



81.2789, 88.3998, 55.1622



37.0070, 19.0332, 3.7624



17.0638, 18.6115, 10.5961



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.



57.9753, 61.5921, 8.8335



65.2634, 69.3068, 9.9378



46.5187, 71.1164, 11.2757



16.8934, 17.9999, 16.7337



31.2294, 33.2569, 4.7733



2.6554, 2.8815, 0.4162

Inverse Universe

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



16.7532, 7.8630, 84.6385



18.8461, 8.8122, 95.3154



19.3933, 8.1466, 84.5541



15.1030, 15.6401, 19.9444



9.0637, 4.3517, 45.4901



0.8144, 0.4827, 3.8045

Previews

White Background



This preview shows how the XYZ color 57.9739, 61.5891, 8.8323 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 57.9739, 61.5891, 8.8323 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 57.9739, 61.5891, 8.8323

Background



This preview shows how black text looks on a background with the XYZ color 57.9739, 61.5891, 8.8323.



This preview shows how white text looks on a background with the XYZ color 57.9739, 61.5891,

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

57.9739, 61.5891, 8.8323

Protanopia

55.6354, 61.7990, 9.2258

Deuteranopia

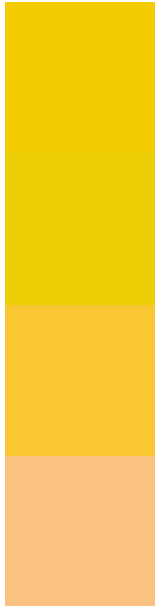
62.5814, 61.7426, 15.8268



Tritanopia

69.4851, 61.5896, 64.7256

Trichromacy



Original Color

57.9739, 61.5891, 8.8323

Protanomaly

56.6908, 61.9864, 9.1202

Deuteranomaly

60.4235, 61.4011, 11.6846

Tritanomaly

62.3212, 60.3083, 29.1249

Monochromacy



Original Color

57.9739, 61.5891, 8.8323

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.8311, 54.5866, 26.3222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9739, 61.5891, 8.8323 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(242, 203, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 203, 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(242, 203, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 203, 0) }
```

Border

The CSS property to change the border of an element to XYZ 57.9739, 61.5891, 8.8323 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(242, 203, 0) }
```


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

```
.border{ border-color:rgb(242, 203, 0) }
```

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

Here you see how a box with a 4 pixel rgb(242, 203, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 203, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 203, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 203,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9739, 61.5891, 8.8323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 203, 0) }
```

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

```
.background{ background-color: rgb(242,  
203, 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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