

Converting Colors

XYZ(59.4297, 59.7890, 8.4484)

Have a look what the booklet for
XYZ(59.4297, 59.7890, 8.4484)
contains.

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Color

**XYZ(59.5291, 59.9913,
8.4707)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC401
RGB	251, 196, 1
RGB Percent	98%, 77%, 0%
CMY	0.0157, 0.2313, 0.9960
CMYK	0.00, 0.22, 1.00, 0.02
HSL	47°, 99%, 49%
HSV	47°, 100%, 98%
XYZ	59.5291, 59.9913, 8.4707
YIQ	190.2150, 95.3750, -48.9850

Conversions

Conversions Part 2

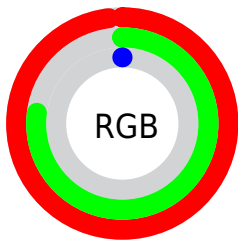
Format	Color
RYB	72, 251, 1
Decimal	16499713
CIELab	81.83, 6.10, 83.30
CIElCh	82, 83.522, 85.814
Yxy	59.9913, 0.4651, 0.4687
Android (android.graphics.Color)	4294689793 (0xFFFB401)
YUV	190.2150, -93.2830, 53.3084
Hunter-Lab	77.4541, 1.6457, 47.7336

Details

The XYZ color **59.5291, 59.9913, 8.4707** 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 **18.8402, 9.8015, 92.1650**, and the grayscale version is **49.5533, 52.1340, 56.7739**.

A 20% lighter version of the original color is **77.6901, 91.5367, 22.1680**, and **30.8087, 30.4637, 4.2563** is the 20% darker color. If you saturate the color by 10%, you get **59.4741, 59.8905, 8.4254**, and if you desaturate by 10%, it is **60.9813, 62.6044, 9.8543**.

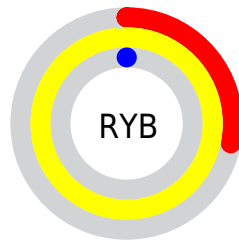
Distribution



Red (98%)

Green (77%)

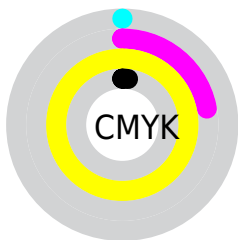
Blue (0%)



Red (28%)

Yellow (98%)

Blue (0%)

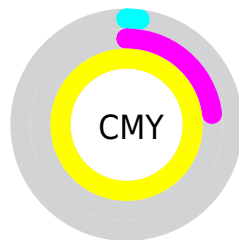


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (23%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5291, 59.9913, 8.4707 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 59.5291, 59.9913, 8.4707 by changing the saturation by 10% instead.


 59.5291, 59.9913,
8.4707


 59.5291, 59.9913,
8.4707


412.7225,
424.5657, 189.4490


 43.2872, 43.4116,
4.3055


 103.2565,
104.8170, 23.4374

 30.3060, 30.2082,
1.7944


 131.4727,
133.8319, 35.0760


 20.2202, 19.9967,
0.4243


 164.4111,
167.7606, 50.0428

 12.6644, 12.3926,
0.0000

 202.4369,
206.9876, 68.7564

 7.2733, 7.0117,
0.0000

 245.9156,
251.8972, 91.6352

 3.6814, 3.4694,
0.0000

 295.2126,

 1.5235, 1.3814,

302.8738, 119.0979

0.0000

350.6931,
360.3018, 151.5630

■ 0.3418, 0.2030,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5291, 59.9913,
8.4707

■ 59.5291, 59.9913,
8.4707

■ 59.4741, 59.8905,
8.4254

■ 60.9813, 62.6044,
9.8543

■ 62.7109, 65.4001,
12.4762

■ 64.7859, 68.4089,
16.6863

■ 67.2489, 71.6485,
22.7061

70.1356, 75.1339,
30.7220

73.4774, 78.8784,
40.8966

77.3024, 82.8940,
53.3763

81.6365, 87.1917,
68.2944

86.5032, 91.7816,
85.7738

Harmonies

Analogous

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



78.2541, 59.9913, 13.4426



59.5291, 59.9913, 8.4707



43.5025, 59.9913, 11.1217

Triad

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



59.5291, 59.9913, 8.4707



31.6350, 59.9913, 117.3375



89.8892, 59.9913, 136.4165

Complementary

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



59.5291, 59.9913, 8.4707



18.8402, 9.8015, 92.1650

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.



73.0822, 59.9913, 197.3906



59.5291, 59.9913, 8.4707



40.0229, 59.9913, 182.9525

Square

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



59.5291, 59.9913, 8.4707



29.4649, 59.9913, 58.4901



54.5823, 59.9913, 217.7500



97.9245, 59.9913, 72.6626

Rectangle

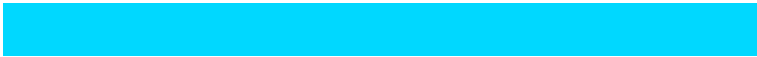
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.5291, 59.9913, 8.4707



36.0120, 59.9913, 18.3455



54.5823, 59.9913, 217.7500



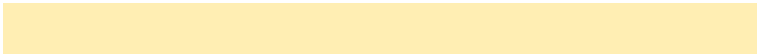
84.9289, 59.9913, 158.9765

Sweetspot

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



59.5304, 59.9943, 8.4719



79.9505, 85.7430, 54.7194



40.5930, 20.8507, 6.0707



16.7431, 17.9702, 10.4892



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.



59.5304, 59.9943, 8.4719



61.6410, 62.0619, 8.7303



54.3510, 79.2283, 12.4574



18.3845, 19.5048, 18.2582



31.3749, 31.7064, 4.4663



2.9830, 3.0909, 0.4394

Inverse Universe

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



18.8402, 9.8015, 92.1650



19.4689, 10.0578, 95.5230



19.7855, 8.2048, 91.8070



16.5926, 17.2621, 21.8427



9.9635, 5.2826, 48.4681



0.9976, 0.6389, 4.5139

Previews

White Background



This preview shows how the XYZ color 59.5291, 59.9913, 8.4707 looks on a white background.

Color Contrast Check

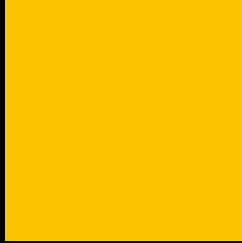
Large Text (above 18pt) WCAG AA × Fail

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 59.5291, 59.9913, 8.4707 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 59.5291, 59.9913, 8.4707

Background



This preview shows how black text looks on a background with the XYZ color 59.5291, 59.9913, 8.4707.



This preview shows how white text looks on a background with the XYZ color 59.5291, 59.9913,

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

59.5291, 59.9913, 8.4707

Protanopia

54.2924, 60.0353, 9.0743

Deuteranopia

61.2214, 60.1194, 11.9919



Tritanopia

68.6670, 59.9891, 60.7832

Trichromacy



Original Color

59.5291, 59.9913, 8.4707

Protanomaly

56.1904, 59.9680, 8.8432

Deuteranomaly

60.6915, 60.2224, 10.0154

Tritanomaly

62.8365, 58.9724, 27.8096

Monochromacy



Original Color

59.5291, 59.9913, 8.4707

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.4522, 53.0768, 25.7276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5291, 59.9913, 8.4707 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, 196, 1)` looks like.

```
.text, #text, p{  
    color:rgb(251, 196, 1)  
}
```

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, 196, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 196, 1) }
```

Border

The CSS property to change the border of an element to XYZ 59.5291, 59.9913, 8.4707 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, 196, 1) }
```


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

```
.border{ border-color:rgb(251, 196, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 196, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 196, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 196, 1);  
box-shadow:4px 4px 4px 4px rgb(251, 196,  
1) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5291, 59.9913, 8.4707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 196, 1) }
```

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

```
.background{ background-color: rgb(251,  
196, 1) }
```

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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