

Converting Colors

XYZ(59.4265, 60.3816, 8.5227)

Have a look what the booklet for
XYZ(59.4265, 60.3816, 8.5227)
contains.

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Color

**XYZ(59.3906, 60.2565,
8.5004)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC500
RGB	250, 197, 0
RGB Percent	98%, 77%, 0%
CMY	0.0196, 0.2274, 0.9999
CMYK	0.00, 0.21, 1.00, 0.02
HSL	47°, 100%, 49%
HSV	47°, 100%, 98%
XYZ	59.3906, 60.2565, 8.5004
YIQ	190.3890, 94.8250, -50.0310

Conversions

Conversions Part 2

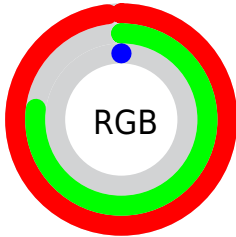
Format	Color
RYB	67, 250, 0
Decimal	16434432
CIELab	81.98, 5.14, 83.45
CIELCh	82, 83.607, 86.472
Yxy	60.2565, 0.4635, 0.4702
Android (android.graphics.Color)	4294624512 (0xFFFA500)
YUV	190.3890, -93.8618, 52.2788
Hunter-Lab	77.6251, 0.7257, 47.8449

Details

The XYZ color **59.3906, 60.2565, 8.5004** 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 **18.5292, 9.4497, 91.2891**, and the grayscale version is **49.6576, 52.2437, 56.8934**.

A 20% lighter version of the original color is **78.0050, 92.1664, 22.2729**, and **30.7123, 30.6379, 4.2950** is the 20% darker color. If you saturate the color by 10%, you get **59.3908, 60.2574, 8.5006**, and if you desaturate by 10%, it is **60.7922, 62.7791, 9.8344**.

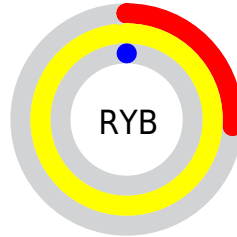
Distribution



Red (98%)

Green (77%)

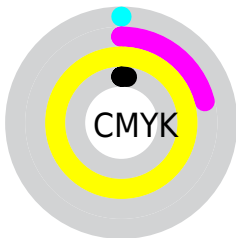
Blue (0%)



Red (26%)

Yellow (98%)

Blue (0%)

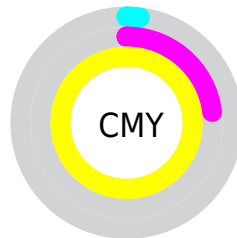


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (23%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3906, 60.2565, 8.5004 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 59.3906, 60.2565, 8.5004 by changing the saturation by 10% instead.


 59.3906, 60.2565,
8.5004


 59.3906, 60.2565,
8.5004


412.2187,
425.5426, 189.6846


 43.1752, 43.6254,
4.3244


 103.0565,
105.2017, 23.4959

 30.2177, 30.3761,
1.8050


 131.2378,
134.2845, 35.1525

 20.1528, 20.1243,
0.4312


 164.1384,
168.2868, 50.1398

 12.6151, 12.4854,
0.0000

 202.1236,
207.5928, 68.8762

 7.2392, 7.0752,
0.0000

 245.5590,
252.5870, 91.7804

 3.6598, 3.5092,
0.0000

 294.8097,

 1.5115, 1.4030,

303.6538, 119.2708

0.0000

350.2411,
361.1775, 151.7661

■ 0.3337, 0.2189,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3906, 60.2565,
8.5004

■ 59.3906, 60.2565,
8.5004

■ 59.3908, 60.2574,
8.5006

■ 60.7922, 62.7791,
9.8344

■ 62.4602, 65.4743,
12.3658

■ 64.4653, 68.3733,
16.4601

■ 66.8501, 71.4938,
22.3383

■ 69.6499, 74.8508,
30.1858

■ 72.8961, 78.4573,
40.1648

■ 76.6166, 82.3250,
52.4204

■ 80.8368, 86.4650,
67.0852

■ 85.5804, 90.8871,
84.2814

Harmonies

Analogous

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



78.1890, 60.2565, 13.2986



59.3906, 60.2565, 8.5004



43.4082, 60.2565, 11.3356

Triad

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



59.3906, 60.2565, 8.5004



31.9009, 60.2565, 119.3182



90.5642, 60.2565, 135.4650

Complementary

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



59.3906, 60.2565, 8.5004



18.5292, 9.4497, 91.2891

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.



73.8119, 60.2565, 197.1492



59.3906, 60.2565, 8.5004



40.4638, 60.2565, 184.9288

Square

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



59.3906, 60.2565, 8.5004



29.5884, 60.2565, 59.7956



55.2044, 60.2565, 218.7800



98.3725, 60.2565, 71.7877

Rectangle

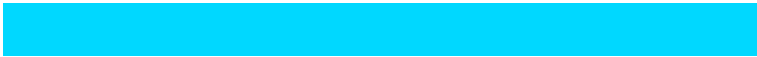
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.3906, 60.2565, 8.5004



35.9805, 60.2565, 18.7887



55.2044, 60.2565, 218.7800



85.6433, 60.2565, 158.1666

Sweetspot

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



59.3919, 60.2595, 8.5016



80.1292, 86.1004, 54.7790



40.0944, 20.5924, 5.3742



16.7862, 18.0563, 10.5036



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.



59.3919, 60.2595, 8.5016



62.1134, 63.0067, 8.8878



52.8157, 77.9750, 12.2676



18.3968, 19.5294, 18.2623



31.6116, 32.1799, 4.5452



3.0030, 3.1309, 0.4461

Inverse Universe

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



18.5292, 9.4497, 91.2891



19.3718, 9.8636, 95.4906



19.8429, 8.2364, 90.9857



16.5812, 17.2392, 21.8389



9.9116, 5.1788, 48.4508



0.9913, 0.6263, 4.5118

Previews

White Background



This preview shows how the XYZ color 59.3906, 60.2565, 8.5004 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 59.3906, 60.2565, 8.5004 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 59.3906, 60.2565, 8.5004

Background



This preview shows how black text looks on a background with the XYZ color 59.3906, 60.2565, 8.5004.



This preview shows how white text looks on a background with the XYZ color 59.3906, 60.2565,

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

59.3906, 60.2565, 8.5004

Protanopia

54.5308, 60.5122, 9.1538

Deuteranopia

61.3474, 60.1698, 12.6555



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

59.3906, 60.2565, 8.5004

Protanomaly

56.0894, 60.2631, 8.9054

Deuteranomaly

60.3730, 60.0528, 10.2431

Tritanomaly

62.4715, 58.7842, 27.7925

Monochromacy



Original Color

59.3906, 60.2565, 8.5004

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.6725, 53.5175, 25.8010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3906, 60.2565, 8.5004 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(250, 197, 0)` looks like.

```
.text, #text, p{  
    color:rgb(250, 197, 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(250, 197, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 197, 0) }
```

Border

The CSS property to change the border of an element to XYZ 59.3906, 60.2565, 8.5004 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(250, 197, 0) }
```


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

```
.border{ border-color:rgb(250, 197, 0) }
```

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

Here you see how a box with a 4 pixel rgb(250, 197, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 197, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 197, 0);  
box-shadow:4px 4px 4px 4px rgb(250, 197,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3906, 60.2565, 8.5004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 197, 0) }
```

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

```
.background{ background-color: rgb(250,  
197, 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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