

Converting Colors

XYZ(55.9124, 58.4622, 8.3949)

Have a look what the booklet for
XYZ(55.9124, 58.4622, 8.3949)
contains.

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Color

**XYZ(55.9124, 58.4622,
8.3949)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F0C502 |
| RGB | 240, 197, 2 |
| RGB Percent | 94%, 77%, 1% |
| CMY | 0.0588, 0.2274, 0.9921 |
| CMYK | 0.00, 0.18, 0.99, 0.06 |
| HSL | 49°, 98%, 47% |
| HSV | 49°, 99%, 94% |
| XYZ | 55.9124, 58.4622, 8.3949 |
| YIQ | 187.6270, 88.2230, -51.5290 |

Conversions

Conversions Part 2

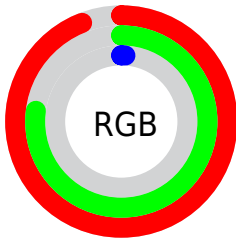
| Format | Color |
|-------------------------------------|---|
| RYB | 54, 240, 2 |
| Decimal | 15779074 |
| CIELab | 81.00, 0.87, 82.11 |
| CIELCh | 81, 82.114, 89.396 |
| Yxy | 58.4622, 0.4554, 0.4762 |
| Android (android.graphics.Color) | 4293969154 (0xFFFF0C502) |
| YUV | 187.6270, -91.5141, 45.9311 |
| Hunter-Lab | 76.4606, -3.2765, 47.0127 |

Details

The XYZ color **55.9124, 58.4622, 8.3949** 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 **16.6924, 8.1823, 83.1369**, and the grayscale version is **48.0589, 50.5617, 55.0617**.

A 20% lighter version of the original color is **78.0050, 92.1664, 22.2729**, and **28.5637, 29.5302, 4.1944** is the 20% darker color. If you saturate the color by 10%, you get **55.8197, 58.2947, 8.3100**, and if you desaturate by 10%, it is **57.0882, 60.5329, 9.6539**.

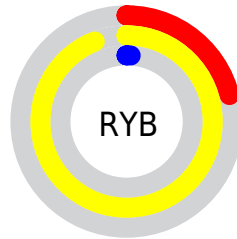
Distribution



Red (94%)

Green (77%)

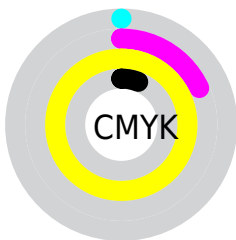
Blue (1%)



Red (21%)

Yellow (94%)

Blue (1%)

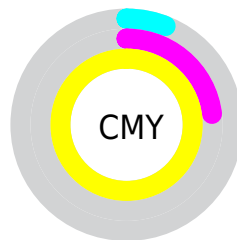


Cyan (0%)

Magenta (18%)

Yellow (99%)

Black (6%)



Cyan (6%)

Magenta (23%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9124, 58.4622, 8.3949 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 55.9124, 58.4622, 8.3949 by changing the saturation by 10% instead.

■ 55.9124, 58.4622,
8.3949

■ 55.9124, 58.4622,
8.3949

399.4417,
418.9060, 188.8462

■ 40.3694, 42.1803,
4.2573

■ 98.0170, 102.5956,
23.2879

■ 28.0122, 29.2425,
1.7675

■ 125.3094,
131.2160, 34.8803

■ 18.4753, 19.2644,
0.4064

■ 157.2489,
164.7180, 49.7947

■ 11.3935, 11.8615,
0.0000

■ 194.2010,
203.4860, 68.4498

■ 6.4014, 6.6494,
0.0000

■ 236.5310,
247.9044, 91.2639

■ 3.1336, 3.2438,
0.0000

■ 284.6042,

■ 1.2248, 1.2603,

298.3576, 118.6556

0.0000

338.7859,
355.2300, 151.0435

■ 0.1258, 0.1102,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9124, 58.4622,
8.3949

■ 55.9124, 58.4622,
8.3949

■ 55.8197, 58.2947,
8.3100

■ 57.0882, 60.5329,
9.6539

■ 58.5050, 62.7435,
12.0475

■ 60.2218, 65.1200,
15.8782

■ 62.2758, 67.6778,
21.3420

■ 64.6988, 70.4300,
28.6044

■ 67.5184, 73.3880,
37.8105

■ 70.7597, 76.5621,
49.0904

■ 74.4454, 79.9618,
62.5632

■ 78.5966, 83.5959,
78.3388

Harmonies

Analogous

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



73.9573, 58.4622, 12.2523



55.9124, 58.4622, 8.3949



40.9954, 58.4622, 11.9257

Triad

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



55.9124, 58.4622, 8.3949



31.6439, 58.4622, 121.6644



88.7792, 58.4622, 124.3201

Complementary

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



55.9124, 58.4622, 8.3949



16.6924, 8.1823, 83.1369

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.



73.2363, 58.4622, 185.2827



55.9124, 58.4622, 8.3949



40.5093, 58.4622, 183.2750

Square

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



55.9124, 58.4622, 8.3949



28.8363, 58.4622, 62.6721



55.2222, 58.4622, 210.9886



95.1564, 58.4622, 64.6489

Rectangle

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



55.9124, 58.4622, 8.3949



34.2313, 58.4622, 20.0536



55.2222, 58.4622, 210.9886



84.3153, 58.4622, 146.2613

Sweetspot

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



55.9137, 58.4651, 8.3960



80.8347, 87.5114, 55.0141



36.4432, 18.7636, 4.2500



16.9564, 18.3968, 10.5603



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.



55.9137, 58.4651, 8.3960



64.0237, 66.8275, 9.5246



46.6132, 70.2849, 11.1677



16.8659, 17.9449, 16.7245



30.6467, 32.0915, 4.5790



2.6121, 2.7949, 0.4018

Inverse Universe

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



16.6924, 8.1823, 83.1369



19.0297, 9.1793, 95.3766



18.8416, 7.9289, 82.9747



15.1282, 15.6905, 19.9528



9.1584, 4.5411, 45.5217



0.8263, 0.5065, 3.8084

Previews

White Background



This preview shows how the XYZ color 55.9124, 58.4622, 8.3949 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 55.9124, 58.4622, 8.3949 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 55.9124, 58.4622, 8.3949

Background



This preview shows how black text looks on a background with the XYZ color 55.9124, 58.4622, 8.3949.



This preview shows how white text looks on a background with the XYZ color 55.9124, 58.4622,

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

55.9124, 58.4622, 8.3949

Protanopia

52.8539, 58.5939, 8.8112

Deuteranopia

59.6214, 58.3795, 8.7421



Tritanopia

66.4359, 58.2222, 60.5598

Trichromacy



Original Color

55.9124, 58.4622, 8.3949

Protanomaly

53.9713, 58.4797, 8.6441

Deuteranomaly

58.2095, 58.3087, 8.5675

Tritanomaly

59.7552, 57.0656, 27.6040

Monochromacy



Original Color

55.9124, 58.4622, 8.3949

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.7531, 51.8831, 25.2669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9124, 58.4622, 8.3949 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(240, 197, 2)` looks like.

```
.text, #text, p{  
  color:rgb(240, 197, 2)  
}
```

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(240, 197, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 197, 2) }
```

Border

The CSS property to change the border of an element to XYZ 55.9124, 58.4622, 8.3949 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(240, 197, 2) }
```


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

```
.border{ border-color:rgb(240, 197, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 197, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 197, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 197, 2);  
box-shadow:4px 4px 4px 4px rgb(240, 197,  
2) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9124, 58.4622, 8.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 197, 2) }
```

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

```
.background{ background-color: rgb(240,  
197, 2) }
```

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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