

Converting Colors

XYZ(54.2171, 54.8551, 8.7172)

Have a look what the booklet for
XYZ(54.2171, 54.8551, 8.7172)
contains.

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Color

**XYZ(54.3192, 54.9950,
8.7295)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BD1A
RGB	240, 189, 26
RGB Percent	94%, 74%, 10%
CMY	0.0588, 0.2588, 0.8980
CMYK	0.00, 0.21, 0.89, 0.06
HSL	46°, 88%, 52%
HSV	46°, 89%, 94%
XYZ	54.3192, 54.9950, 8.7295
YIQ	185.6670, 82.7190, -39.8810

Conversions

Conversions Part 2

Format	Color
R _Y B	93, 240, 26
Decimal	15777050
CIE Lab	79.04, 5.28, 77.62
CIE LCh	79, 77.799, 86.107
Yxy	54.9950, 0.4602, 0.4659
Android (android.graphics.Color)	4293967130 (0xFFF0BD1A)
YUV	185.6670, -78.7158, 47.6500
Hunter-Lab	74.1586, 0.9689, 44.9318

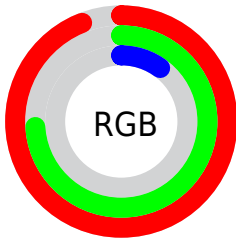
Details

The XYZ color **54.3192, 54.9950, 8.7295** is a light color, and the websafe version is hex **FFCC33**.

The color can be described as light washed orange. A complement of this color would be **18.8085, 11.8193, 83.7274**, and the grayscale version is **46.8817, 49.3232, 53.7129**.

A 20% lighter version of the original color is **75.8242, 87.3375, 22.9867**, and **27.3946, 27.1920, 3.8047** is the 20% darker color. If you saturate the color by 10%, you get **52.9387, 52.5152, 7.4040**, and if you desaturate by 10%, it is **55.9645, 57.6628, 11.1993**.

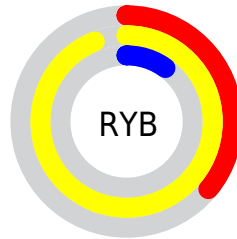
Distribution



Red (94%)

Green (74%)

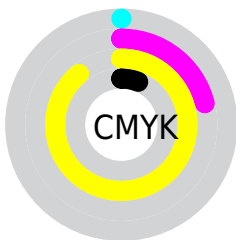
Blue (10%)



Red (36%)

Yellow (94%)

Blue (10%)

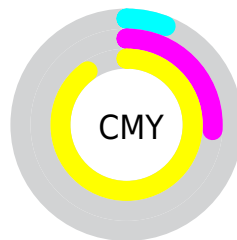


Cyan (0%)

Magenta (21%)

Yellow (89%)

Black (6%)



Cyan (6%)


Magenta (26%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3192, 54.9950, 8.7295 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 54.3192, 54.9950, 8.7295 by changing the saturation by 10% instead.


 54.3192, 54.9950,
8.7295

 54.3192, 54.9950,
8.7295


393.5046,
405.8930, 191.4901

 39.0886, 39.3977,
4.4708


 95.6969, 97.5336,
23.9460

 27.0097, 27.0693,
1.8870


 122.5747,
125.2438, 35.7408


 17.7171, 17.6253,
0.4844


 154.0657,
157.7603, 50.8848

 10.8455, 10.6813,
0.0000

 190.5351,
195.4677, 69.7964

 6.0296, 5.8529,
0.0000

 232.3483,
238.7502, 92.8942

 2.9039, 2.7559,
0.0000

 279.8707,

 1.1032, 1.0056,

287.9923, 120.5967

0.0000

333.4677,
343.5785, 153.3225

■ 0.0278, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3192, 54.9950,
8.7295

■ 54.3192, 54.9950,
8.7295

■ 52.9387, 52.5152,
7.4040

■ 55.9645, 57.6628,
11.1993

■ 52.8288, 52.3129,
7.3130

■ 57.9287, 60.5345,
15.1117

■ 60.2507, 63.6287,
20.6640

■ 62.9626, 66.9589,
28.0218

■ 66.0923, 70.5374,
37.3302

■ 69.6651, 74.3749,
48.7196

■ 73.7041, 78.4815,
62.3090

■ 78.2306, 82.8665,
78.2085

■ 83.2646, 87.5388,
96.5208

Harmonies

Analogous

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



70.6995, 54.9950, 13.3183



54.3192, 54.9950, 8.7295



40.2305, 54.9950, 11.3037

Triad

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



54.3192, 54.9950, 8.7295



29.8296, 54.9950, 105.8010



81.0942, 54.9950, 121.1470

Complementary

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



54.3192, 54.9950, 8.7295



18.8085, 11.8193, 83.7274

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.



66.5022, 54.9950, 173.7652



54.3192, 54.9950, 8.7295



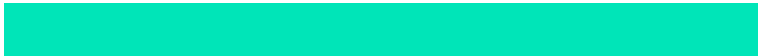
37.3604, 54.9950, 162.2486

Square

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



54.3192, 54.9950, 8.7295



27.8326, 54.9950, 54.2742



50.2751, 54.9950, 191.6498



87.9695, 54.9950, 65.8595

Rectangle

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



54.3192, 54.9950, 8.7295



33.6127, 54.9950, 18.0760



50.2751, 54.9950, 191.6498



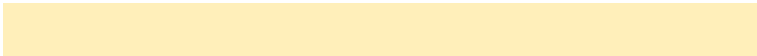
76.8041, 54.9950, 140.6160

Sweetspot

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



54.3204, 54.9977, 8.7306



80.8664, 86.3067, 58.9348



37.7344, 19.8363, 9.3345



16.9874, 18.1383, 11.5584



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.



54.3204, 54.9977, 8.7306



60.5840, 59.9480, 8.3780



51.7183, 72.8964, 12.3225



16.7851, 17.7834, 16.6976



29.0275, 28.8530, 4.0393



2.4906, 2.5519, 0.3613

Inverse Universe

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



18.8085, 11.8193, 83.7274



19.7063, 10.5325, 95.6021



19.3646, 8.7146, 83.0988



15.2030, 15.8402, 19.9778



9.5013, 5.2268, 45.6360



0.8649, 0.5839, 3.8213

Previews

White Background



This preview shows how the XYZ color 54.3192, 54.9950, 8.7295 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 54.3192, 54.9950, 8.7295 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 54.3192, 54.9950, 8.7295

Background



This preview shows how black text looks on a background with the XYZ color 54.3192, 54.9950, 8.7295.



This preview shows how white text looks on a background with the XYZ color 54.3192, 54.9950,

8.7295.

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

54.3192, 54.9950, 8.7295

Protanopia

49.7683, 54.9358, 9.0792

Deuteranopia

56.1384, 54.9807, 8.8159



Tritanopia

63.7776, 54.8645, 55.3726

Trichromacy



Original Color

54.3192, 54.9950, 8.7295

Protanomaly

51.2627, 54.7130, 8.8957

Deuteranomaly

55.2882, 54.8576, 8.7732

Tritanomaly

58.5592, 54.2523, 28.5044

Monochromacy



Original Color

54.3192, 54.9950, 8.7295

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.1202, 50.2210, 27.6322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3192, 54.9950, 8.7295 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, 189, 26)` looks like.

```
.text, #text, p{  
    color:rgb(240, 189, 26)  
}
```

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, 189, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 189, 26) }
```

Border

The CSS property to change the border of an element to XYZ 54.3192, 54.9950, 8.7295 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, 189, 26) }
```


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

```
.border{ border-color:rgb(240, 189, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 189, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 189, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 189, 26);  
box-shadow:4px 4px 4px 4px rgb(240, 189,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3192, 54.9950, 8.7295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 189, 26) }
```

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

```
.background{ background-color: rgb(240,  
189, 26) }
```

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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