

Converting Colors

XYZ(53.7426, 57.6490, 5.7822)

Have a look what the booklet for
XYZ(53.7426, 57.6490, 5.7822)
contains.

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Color

**XYZ(54.1258, 57.8806,
8.3193)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC600
RGB	234, 198, 0
RGB Percent	92%, 78%, 0%
CMY	0.0824, 0.2235, 0.9999
CMYK	0.00, 0.15, 1.00, 0.08
HSL	51°, 100%, 46%
HSV	51°, 100%, 92%
XYZ	54.1258, 57.8806, 8.3193
YIQ	186.1920, 85.0140, -53.9460

Conversions

Conversions Part 2

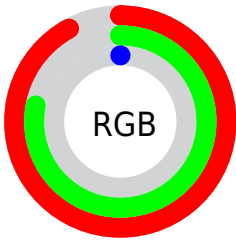
Format	Color
RYB	43, 234, 0
Decimal	15386112
CIELab	80.67, -2.25, 81.81
CIELCh	81, 81.841, 91.578
Yxy	57.8806, 0.4498, 0.4810
Android (android.graphics.Color)	4293576192 (0xFFEAC600)
YUV	186.1920, -91.7927, 41.9276
Hunter-Lab	76.0793, -6.1469, 46.7721

Details

The XYZ color **54.1258, 57.8806, 8.3193** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **15.4828, 7.2033, 78.4157**, and the grayscale version is **47.2481, 49.7087, 54.1328**.

A 20% lighter version of the original color is **78.3215, 92.7995, 22.3784**, and **27.3590, 29.1350, 4.1817** is the 20% darker color. If you saturate the color by 10%, you get **54.1262, 57.8818, 8.3196**, and if you desaturate by 10%, it is **55.1186, 59.6122, 9.4342**.

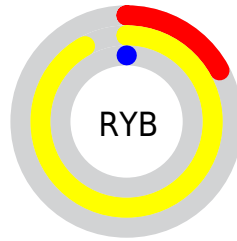
Distribution



Red (92%)

Green (78%)

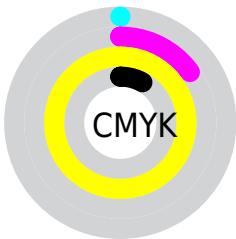
Blue (0%)



Red (17%)

Yellow (92%)

Blue (0%)

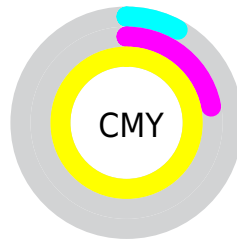


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1258, 57.8806, 8.3193 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 54.1258, 57.8806, 8.3193 by changing the saturation by 10% instead.

■ 54.1258, 57.8806,
8.3193

■ 54.1258, 57.8806,
8.3193

392.7801,
416.7409, 188.2426

■ 38.9333, 41.7127,
4.2092

■ 95.4147, 101.7490,
23.1385

■ 26.8883, 28.8764,
1.7408

■ 122.2419,
130.2182, 34.6847

■ 17.6255, 18.9873,
0.3885

■ 153.6780,
163.5566, 49.5467

■ 10.7795, 11.6611,
0.0000

■ 190.0884,
202.1487, 68.1430

■ 5.9850, 6.5134,
0.0000

■ 231.8385,
246.3787, 90.8922

■ 2.8765, 3.1597,
0.0000

■ 279.2935,

■ 1.0888, 1.2157,

296.6312, 118.2129

0.0000

332.8189,
353.2904, 150.5235

■ 0.0157, 0.0744,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1258, 57.8806,
8.3193

■ 54.1258, 57.8806,
8.3193

■ 54.1262, 57.8818,
8.3196

■ 55.1186, 59.6122,
9.4342

■ 56.3215, 61.4572,
11.5645

■ 57.7967, 63.4427,
15.0306

■ 59.5797, 65.5833,
20.0195

■ 61.7006, 67.8912,
26.6886

■ 64.1856, 70.3770,
35.1754

■ 67.0583, 73.0505,
45.6033

■ 70.3401, 75.9203,
58.0848

■ 74.0510, 78.9947,
72.7240

Harmonies

Analogous

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



71.9292, 57.8806, 11.5591



54.1258, 57.8806, 8.3193



39.7252, 57.8806, 12.4043

Triad

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



54.1258, 57.8806, 8.3193



31.7615, 57.8806, 125.2072



88.7296, 57.8806, 118.3379

Complementary

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



54.1258, 57.8806, 8.3193



15.4828, 7.2033, 78.4157

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.



73.7940, 57.8806, 179.8061



54.1258, 57.8806, 8.3193



40.9829, 57.8806, 184.9987

Square

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



54.1258, 57.8806, 8.3193



28.5564, 57.8806, 65.6138



55.9114, 57.8806, 208.8217



94.1945, 57.8806, 60.4997

Rectangle

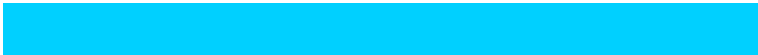
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.1258, 57.8806, 8.3193



33.3253, 57.8806, 21.1441



55.9114, 57.8806, 208.8217



84.5178, 57.8806, 140.1079

Sweetspot

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



54.1271, 57.8834, 8.3204



81.4462, 88.7346, 55.2180



34.2982, 17.6394, 3.5181



17.1043, 18.6925, 10.6096



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.



54.1271, 57.8834, 8.3204



65.7378, 70.2556, 10.0959



43.1344, 65.9139, 10.4499



16.1431, 17.2092, 15.9896



30.4916, 32.6774, 4.7003



2.4476, 2.6726, 0.3869

Inverse Universe

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



15.4828, 7.2033, 78.4157



18.7830, 8.6860, 95.2943



17.9945, 7.5613, 78.3524



14.4183, 14.9230, 19.0427



8.7574, 4.1617, 44.0847



0.7447, 0.4410, 3.4807

Previews

White Background



This preview shows how the XYZ color 54.1258, 57.8806, 8.3193 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 54.1258, 57.8806, 8.3193 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 54.1258, 57.8806, 8.3193

Background



This preview shows how black text looks on a background with the XYZ color 54.1258, 57.8806, 8.3193.

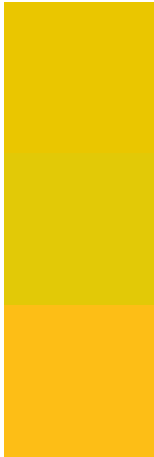


This preview shows how white text looks on a background with the XYZ color 54.1258, 57.8806,

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

54.1258, 57.8806, 8.3193

Protanopia

52.2890, 57.9574, 8.6320

Deuteranopia

59.0663, 57.7675, 8.7962



Tritanopia

64.9897, 57.7707, 61.1516

Trichromacy



Original Color

54.1258, 57.8806, 8.3193

Protanomaly

52.9893, 57.9753, 8.5124

Deuteranomaly

57.1553, 57.7645, 8.5527

Tritanomaly

58.2391, 56.6023, 27.5945

Monochromacy



Original Color

54.1258, 57.8806, 8.3193

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.3121, 50.8314, 24.5101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1258, 57.8806, 8.3193 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(234, 198, 0)` looks like.

```
.text, #text, p{  
    color:rgb(234, 198, 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(234, 198, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 198, 0) }
```

Border

The CSS property to change the border of an element to XYZ 54.1258, 57.8806, 8.3193 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(234, 198, 0) }
```


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

```
.border{ border-color:rgb(234, 198, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 198, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 198, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 198, 0);  
box-shadow:4px 4px 4px 4px rgb(234, 198,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1258, 57.8806, 8.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 198, 0) }
```

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

```
.background{ background-color: rgb(234,  
198, 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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