

Converting Colors

XYZ(54.8356, 60.6713, 9.0790)

Have a look what the booklet for
XYZ(54.8356, 60.6713, 9.0790)
contains.

XYZ(54.8356, 60.6713, 9.0790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.8356, 60.6713,
9.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	E7CD09
RGB	231, 205, 9
RGB Percent	91%, 80%, 4%
CMY	0.0941, 0.1961, 0.9646
CMYK	0.00, 0.11, 0.96, 0.09
HSL	53°, 92%, 47%
HSV	53°, 96%, 91%
XYZ	54.8356, 60.6713, 9.0790
YIQ	190.4300, 78.4120, -55.4440

Conversions

Conversions Part 2

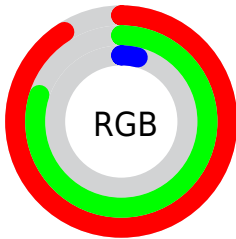
Format	Color
R _Y B	38, 231, 9
Decimal	15191305
CIE Lab	82.20, -7.04, 81.94
CIE LCh	82, 82.240, 94.912
Yxy	60.6713, 0.4401, 0.4870
Android (android.graphics.Color)	4293381385 (0xFFE7CD09)
YUV	190.4300, -89.4450, 35.5799
Hunter-Lab	77.8918, -10.6471, 47.6135

Details

The XYZ color **54.8356, 60.6713, 9.0790** 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 **15.1381, 7.0307, 76.1598**, and the grayscale version is **49.6634, 52.2498, 56.9000**.

A 20% lighter version of the original color is **78.7615, 93.4846, 23.1257**, and **27.8612, 30.7911, 4.4748** is the 20% darker color. If you saturate the color by 10%, you get **54.5356, 60.1506, 8.7359**, and if you desaturate by 10%, it is **55.7026, 62.0648, 10.4192**.

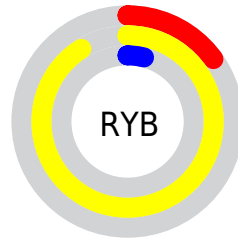
Distribution



Red (91%)

Green (80%)

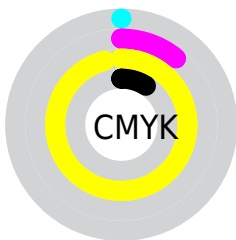
Blue (4%)



Red (15%)

Yellow (91%)

Blue (4%)

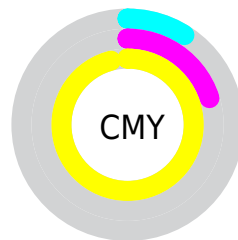


Cyan (0%)

Magenta (11%)

Yellow (96%)

Black (9%)



Cyan (9%)


Magenta (20%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8356, 60.6713, 9.0790 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 54.8356, 60.6713, 9.0790 by changing the saturation by 10% instead.


 54.8356, 60.6713,
9.0790


 54.8356, 60.6713,
9.0790


395.4350,
427.0678, 194.2059


 39.5034, 43.9599,
4.6952


 96.4498, 105.8029,
24.6283


 27.3341, 30.6390,
2.0140


 123.4625,
134.9919, 36.6309

 17.9622, 20.3241,
0.5639


 155.0994,
169.1089, 52.0102

 11.0224, 12.6309,
0.0000

 191.7260,
208.5383, 71.1847

 6.1493, 7.1749,
0.0000

 233.7074,
253.6645, 94.5730

 2.9776, 3.5717,
0.0000

 281.4092,

 1.1419, 1.4370,

304.8718, 122.5936

0.0000

335.1966,
362.5448, 155.6650

■ 0.0598, 0.2437,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8356, 60.6713,
9.0790

■ 54.8356, 60.6713,
9.0790

■ 54.5356, 60.1506,
8.7359

■ 55.7026, 62.0648,
10.4192

■ 56.7991, 63.5657,
12.9184

■ 58.1662, 65.1930,
16.7865

■ 59.8358, 66.9593,
22.1918

■ 61.8353, 68.8760,
29.2781

■ 64.1890, 70.9526,
38.1730

■ 66.9188, 73.1981,
48.9916

■ 70.0448, 75.6205,
61.8393

■ 73.5855, 78.2275,
76.8142

Harmonies

Analogous

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



73.1242, 60.6713, 11.6073



54.8356, 60.6713, 9.0790



40.4891, 60.6713, 14.3901

Triad

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



54.8356, 60.6713, 9.0790



34.2616, 60.6713, 137.8886



93.7780, 60.6713, 115.8594

Complementary

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



54.8356, 60.6713, 9.0790



15.1381, 7.0307, 76.1598

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.



79.1216, 60.6713, 180.6148



54.8356, 60.6713, 9.0790



44.5564, 60.6713, 197.2165

Square

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



54.8356, 60.6713, 9.0790



30.2420, 60.6713, 74.6515



60.5927, 60.6713, 215.8711



98.0557, 60.6713, 58.1557

Rectangle

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



54.8356, 60.6713, 9.0790



34.3033, 60.6713, 24.7383



60.5927, 60.6713, 215.8711



89.7745, 60.6713, 138.2829

Sweetspot

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



54.8370, 60.6742, 9.0802



82.6451, 90.7172, 56.8973



33.4126, 17.3286, 3.4704



17.3769, 19.1597, 10.9407



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.



54.8370, 60.6742, 9.0802



68.2031, 75.1862, 10.9177



41.1308, 63.6180, 10.3708



15.4500, 16.5138, 15.2776



30.6335, 33.8411, 4.9174



2.3047, 2.5827, 0.3770

Inverse Universe

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



15.1381, 7.0307, 76.1598



18.5107, 8.1415, 95.2036



18.7785, 8.1599, 76.1859



13.7181, 14.1576, 18.1540



8.3526, 3.7672, 42.6701



0.6624, 0.3687, 3.1682

Previews

White Background



This preview shows how the XYZ color 54.8356, 60.6713, 9.0790 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 54.8356, 60.6713, 9.0790 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 54.8356, 60.6713, 9.0790

Background



This preview shows how black text looks on a background with the XYZ color 54.8356, 60.6713, 9.0790.



This preview shows how white text looks on a background with the XYZ color 54.8356, 60.6713,

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

54.8356, 60.6713, 9.0790

Protanopia

54.8356, 60.6713, 9.0790

Deuteranopia

61.7092, 60.6719, 13.4594



Tritanopia

66.6124, 60.7241, 65.9677

Trichromacy



Original Color

54.8356, 60.6713, 9.0790

Protanomaly

54.8356, 60.6713, 9.0790

Deuteranomaly

58.9031, 60.6291, 11.0807

Tritanomaly

59.6396, 59.5518, 30.9056

Monochromacy



Original Color

54.8356, 60.6713, 9.0790

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.3300, 53.4646, 26.8412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8356, 60.6713, 9.0790 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(231, 205, 9)` looks like.

```
.text, #text, p{  
    color:rgb(231, 205, 9)  
}
```

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(231, 205, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 205, 9) }
```

Border

The CSS property to change the border of an element to XYZ 54.8356, 60.6713, 9.0790 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(231, 205, 9) }
```


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

```
.border{ border-color:rgb(231, 205, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 205, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 205, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 205, 9);  
box-shadow:4px 4px 4px 4px rgb(231, 205,  
9) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8356, 60.6713, 9.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 205, 9) }
```

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

```
.background{ background-color: rgb(231,  
205, 9) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor