

Converting Colors

XYZ(51.4158, 57.7677, 4.9468)

Have a look what the booklet for
XYZ(51.4158, 57.7677, 4.9468)
contains.

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Color

**XYZ(52.1719, 58.2486,
8.4934)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CA00
RGB	225, 202, 0
RGB Percent	88%, 79%, 0%
CMY	0.1176, 0.2078, 0.9999
CMYK	0.00, 0.10, 1.00, 0.12
HSL	54°, 100%, 44%
HSV	54°, 100%, 88%
XYZ	52.1719, 58.2486, 8.4934
YIQ	185.8490, 78.5500, -57.9460

Conversions

Conversions Part 2

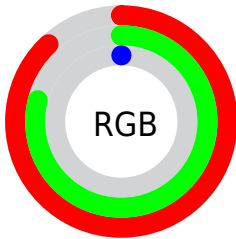
Format	Color
R _Y B	26, 225, 0
Decimal	14797312
CIE Lab	80.88, -8.18, 81.57
CIE LCh	81, 81.984, 95.729
Yxy	58.2486, 0.4387, 0.4898
Android (android.graphics.Color)	4292987392 (0xFFE1CA00)
YUV	185.8490, -91.6236, 34.3354
Hunter-Lab	76.3208, -11.5410, 46.8264

Details

The XYZ color **52.1719, 58.2486, 8.4934** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **13.8976, 6.0499, 71.6689**, and the grayscale version is **47.0567, 49.5073, 53.9135**.

A 20% lighter version of the original color is **78.6397, 93.4359, 22.4845**, and **26.1070, 29.1791, 4.2562** is the 20% darker color. If you saturate the color by 10%, you get **52.1724, 58.2501, 8.4936**, and if you desaturate by 10%, it is **52.8666, 59.3986, 9.4646**.

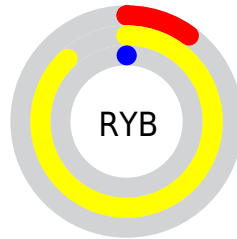
Distribution



Red (88%)

Green (79%)

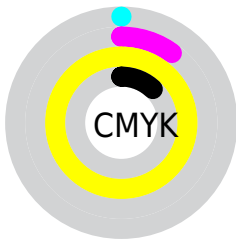
Blue (0%)



Red (10%)

Yellow (88%)

Blue (0%)

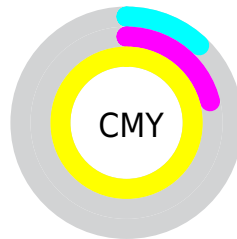


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (12%)



Cyan (12%)


Magenta (21%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1719, 58.2486, 8.4934 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 52.1719, 58.2486, 8.4934 by changing the saturation by 10% instead.


 52.1719, 58.2486,
8.4934

 52.1719, 58.2486,
8.4934


385.4129,
418.1116, 189.6291

 37.3669, 42.0085,
4.3200


 92.5574, 102.2848,
23.4821


 25.6667, 29.1080,
1.8025


 118.8687,
130.8497, 35.1345

 16.7058, 19.1625,
0.4296


 149.7461,
164.2917, 50.1169

 10.1190, 11.7878,
0.0000

 185.5551,
202.9952, 68.8480

 5.5408, 6.5993,
0.0000

 226.6609,
247.3445, 91.7462

 2.6059, 3.2128,
0.0000

 273.4289,

 0.9490, 1.2438,

297.7241, 119.2301

0.0000

326.2244,
354.5183, 151.7182

■ 0.0000, 0.0971,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1719, 58.2486,
8.4934

■ 52.1719, 58.2486,
8.4934

■ 52.1724, 58.2501,
8.4936

■ 52.8666, 59.3986,
9.4646

■ 53.7426, 60.6317,
11.3558

■ 54.8572, 61.9733,
14.4640

■ 56.2428, 63.4362,
18.9587

■ 57.9263, 65.0315,
24.9824

■ 59.9317, 66.7686,
32.6599

■ 62.2801, 68.6561,
42.1034

■ 64.9910, 70.7018,
53.4150

■ 68.0823, 72.9131,
66.6890

Harmonies

Analogous

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



69.8786, 58.2486, 10.6995



52.1719, 58.2486, 8.4934



38.4212, 58.2486, 13.8055

Triad

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



52.1719, 58.2486, 8.4934



32.8867, 58.2486, 135.0823



90.7283, 58.2486, 110.0777

Complementary

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



52.1719, 58.2486, 8.4934



13.8976, 6.0499, 71.6689

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.



76.6722, 58.2486, 173.4565



52.1719, 58.2486, 8.4934



43.0120, 58.2486, 192.3337

Square

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



52.1719, 58.2486, 8.4934



28.8430, 58.2486, 73.2092



58.6828, 58.2486, 209.1170



94.5611, 58.2486, 54.5500

Rectangle

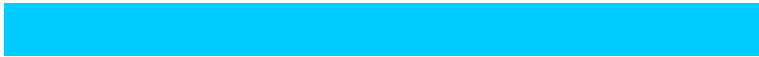
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.1719, 58.2486, 8.4934



32.5516, 58.2486, 24.0299



58.6828, 58.2486, 209.1170



86.9198, 58.2486, 131.8864

Sweetspot

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



52.1732, 58.2514, 8.4946



82.6424, 91.1270, 55.6167



31.2409, 16.0838, 2.4512



17.3941, 19.2722, 10.7062



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.



52.1732, 58.2514, 8.4946



69.2421, 77.2643, 11.2640



37.5325, 59.3184, 9.4722



14.7458, 15.7776, 14.5750



30.1144, 33.6668, 4.9111



2.1224, 2.4036, 0.3521

Inverse Universe

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



13.8976, 6.0499, 71.6689



18.4208, 7.9615, 95.1736



17.4531, 7.4278, 71.7475



13.0642, 13.4675, 17.2986



8.0476, 3.5647, 41.3123



0.5966, 0.3246, 2.8765

Previews

White Background



This preview shows how the XYZ color 52.1719, 58.2486, 8.4934 looks on a white background.

Color Contrast Check

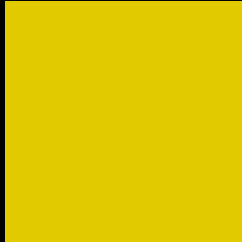
Large Text (above 18pt) WCAG AA × Fail

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 52.1719, 58.2486, 8.4934 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 52.1719, 58.2486, 8.4934

Background



This preview shows how black text looks on a background with the XYZ color 52.1719, 58.2486, 8.4934.

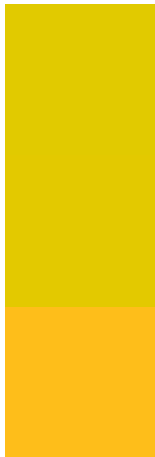


This preview shows how white text looks on a background with the XYZ color 52.1719, 58.2486,

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

52.1719, 58.2486, 8.4934

Protanopia

52.5652, 58.1042, 8.4447

Deuteranopia

59.4730, 57.9723, 9.0325



Tritanopia

63.5689, 58.2352, 63.7672

Trichromacy



Original Color

52.1719, 58.2486, 8.4934

Protanomaly

52.2507, 57.9420, 8.4300

Deuteranomaly

56.3551, 57.6787, 8.6932

Tritanomaly

56.6367, 57.0485, 28.7953

Monochromacy



Original Color

52.1719, 58.2486, 8.4934

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.9391, 51.2866, 24.6176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1719, 58.2486, 8.4934 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(225, 202, 0)` looks like.

```
.text, #text, p{  
    color:rgb(225, 202, 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(225, 202, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 202, 0) }
```

Border

The CSS property to change the border of an element to XYZ 52.1719, 58.2486, 8.4934 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(225, 202, 0) }
```


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

```
.border{ border-color:rgb(225, 202, 0) }
```

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

Here you see how a box with a 4 pixel rgb(225, 202, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 202, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 202, 0);  
box-shadow:4px 4px 4px 4px rgb(225, 202,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1719, 58.2486, 8.4934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 202, 0) }
```

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

```
.background{ background-color: rgb(225,  
202, 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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