

Converting Colors

XYZ(51.7719, 57.6785, 9.1634)

Have a look what the booklet for
XYZ(51.7719, 57.6785, 9.1634)
contains.

XYZ(51.7719, 57.6785, 9.1634)	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(51.7719, 57.6785,
9.1634)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C916
RGB	224, 201, 22
RGB Percent	88%, 79%, 9%
CMY	0.1216, 0.2117, 0.9137
CMYK	0.00, 0.10, 0.90, 0.12
HSL	53°, 82%, 48%
HSV	53°, 90%, 88%
XYZ	51.7719, 57.6785, 9.1634
YIQ	187.4710, 71.1670, -50.7930

Conversions

Conversions Part 2

Format	Color
R _Y B	48, 224, 22
Decimal	14731542
CIE Lab	80.56, -7.87, 78.84
CIE LCh	81, 79.228, 95.698
Yxy	57.6785, 0.4365, 0.4863
Android (android.graphics.Color)	4292921622 (0xFFE0C916)
YUV	187.4710, -81.5772, 32.0359
Hunter-Lab	75.9464, -11.2244, 46.0087

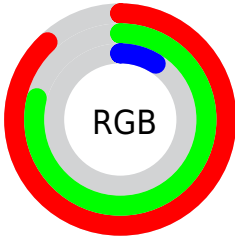
Details

The XYZ color **51.7719, 57.6785, 9.1634** is a light color, and the websafe version is hex **CCCC00**.

The color can be described as light washed yellow. A complement of this color would be **14.7242, 7.4297, 71.1784**, and the grayscale version is **47.9214, 50.4170, 54.9041**.

A 20% lighter version of the original color is **78.9318, 93.5527, 24.0225**, and **25.7436, 28.7599, 4.1944** is the 20% darker color. If you saturate the color by 10%, you get **51.0488, 56.4644, 8.2082**, and if you desaturate by 10%, it is **52.6901, 59.0071, 11.0362**.

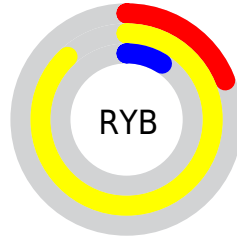
Distribution



Red (88%)

Green (79%)

Blue (9%)



Red (19%)

Yellow (88%)

Blue (9%)

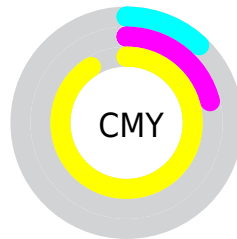


Cyan (0%)

Magenta (10%)

Yellow (90%)

Black (12%)



Cyan (12%)


Magenta (21%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7719, 57.6785, 9.1634 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 51.7719, 57.6785, 9.1634 by changing the saturation by 10% instead.


 51.7719, 57.6785,
9.1634


 51.7719, 57.6785,
9.1634


383.8938,
415.9869, 194.8549

 37.0468, 41.5502,
4.7496


 91.9710, 101.4545,
24.7923

 25.4176, 28.7493,
2.0450


 118.1757,
129.8711, 36.8445

 16.5188, 18.8912,
0.5827


 148.9377,
163.1525, 52.2800

 9.9852, 11.5917,
0.0000


 184.6222,
201.6833, 71.5173

 5.4513, 6.4663,
0.0000

 225.5948,
245.8477, 94.9749

 2.5519, 3.1306,
0.0000

 272.2207,

 0.9215, 1.2003,

296.0301, 123.0713

0.0000

324.8652,
352.6151, 156.2252

■ 0.0000, 0.0620,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.7719, 57.6785,
9.1634

■ 51.7719, 57.6785,
9.1634

■ 51.0488, 56.4644,
8.2082

■ 52.6901, 59.0071,
11.0362

■ 53.8445, 60.4438,
14.1096

■ 55.2684, 62.0042,
18.5531

■ 56.9887, 63.6992,
24.5078

■ 59.0289, 65.5382,
32.0977

■ 61.4101, 67.5298,
41.4337

■ 64.1516, 69.6818,
52.6170

■ 67.2713, 72.0013,
65.7412

■ 70.7857, 74.4951,
80.8935

Harmonies

Analogous

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



68.7421, 57.6785, 11.4039



51.7719, 57.6785, 9.1634



38.5076, 57.6785, 14.5031

Triad

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



51.7719, 57.6785, 9.1634



33.1247, 57.6785, 130.9935



88.5912, 57.6785, 107.4016

Complementary

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



51.7719, 57.6785, 9.1634



14.7242, 7.4297, 71.1784

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.



75.1940, 57.6785, 167.3841



51.7719, 57.6785, 9.1634



42.9201, 57.6785, 185.0854

Square

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



51.7719, 57.6785, 9.1634



29.1973, 57.6785, 72.1308



57.9889, 57.6785, 200.9392



92.2478, 57.6785, 54.3145

Rectangle

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



51.7719, 57.6785, 9.1634



32.8131, 57.6785, 24.6126



57.9889, 57.6785, 200.9392



84.9639, 57.6785, 128.0954

Sweetspot

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



51.7732, 57.6813, 9.1646



83.4294, 91.4325, 59.7891



31.5122, 16.6154, 4.0876



17.6002, 19.3638, 11.7627



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.



51.7732, 57.6813, 9.1646



68.4288, 75.6376, 10.9929



38.7562, 59.5323, 10.2079



14.7316, 15.7491, 14.5702



29.7684, 32.9746, 4.7958



2.1018, 2.3624, 0.3452

Inverse Universe

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



14.7242, 7.4297, 71.1784



18.4900, 8.1001, 95.1967



18.9355, 8.6336, 71.1888



13.0771, 13.4932, 17.3029



8.0822, 3.6340, 41.3238



0.6027, 0.3369, 2.8785

Previews

White Background



This preview shows how the XYZ color 51.7719, 57.6785, 9.1634 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 51.7719, 57.6785, 9.1634 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 51.7719, 57.6785, 9.1634

Background



This preview shows how black text looks on a background with the XYZ color 51.7719, 57.6785, 9.1634.



This preview shows how white text looks on a background with the XYZ color 51.7719, 57.6785,

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

51.7719, 57.6785, 9.1634

Protanopia

51.8504, 57.3740, 9.1005

Deuteranopia

58.8329, 57.6322, 9.4621



Tritanopia

62.9050, 57.5906, 63.0590

Trichromacy



Original Color

51.7719, 57.6785, 9.1634

Protanomaly

51.8504, 57.3740, 9.1005

Deuteranomaly

56.1315, 57.5495, 9.3121

Tritanomaly

56.5723, 56.6327, 31.2421

Monochromacy



Original Color

51.7719, 57.6785, 9.1634

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.4998, 51.5109, 27.5705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7719, 57.6785, 9.1634 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(224, 201, 22)` looks like.

```
.text, #text, p{  
    color:rgb(224, 201, 22)  
}
```

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(224, 201, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 201, 22) }
```

Border

The CSS property to change the border of an element to XYZ 51.7719, 57.6785, 9.1634 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(224, 201, 22) }
```


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

```
.border{ border-color:rgb(224, 201, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 201, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 201, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 201, 22);  
box-shadow:4px 4px 4px 4px rgb(224, 201,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7719, 57.6785, 9.1634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 201, 22) }
```

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

```
.background{ background-color: rgb(224,  
201, 22) }
```

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