

Converting Colors

XYZ(55.8741, 64.8535, 10.6717)

Have a look what the booklet for
XYZ(55.8741, 64.8535, 10.6717)
contains.

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Color

**XYZ(55.8741, 64.8535,
10.6717)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D71C
RGB	226, 215, 28
RGB Percent	89%, 84%, 11%
CMY	0.1137, 0.1568, 0.8901
CMYK	0.00, 0.05, 0.88, 0.11
HSL	57°, 78%, 50%
HSV	57°, 88%, 89%
XYZ	55.8741, 64.8535, 10.6717
YIQ	196.9710, 66.5830, -55.8250

Conversions

Conversions Part 2

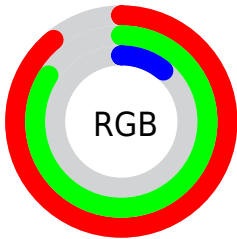
Format	Color
R _Y B	40, 226, 28
Decimal	14866204
CIE Lab	84.41, -13.94, 80.91
CIE LCh	84, 82.098, 99.777
Yxy	64.8535, 0.4252, 0.4936
Android (android.graphics.Color)	4293056284 (0xFFE2D71C)
YUV	196.9710, -83.3027, 25.4584
Hunter-Lab	80.5317, -17.0844, 48.5153

Details

The XYZ color **55.8741, 64.8535, 10.6717** 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 **14.9323, 7.1894, 72.5517**, and the grayscale version is **53.5149, 56.3018, 61.3127**.

A 20% lighter version of the original color is **79.1577, 93.6431, 25.2121**, and **28.4708, 33.5967, 4.9842** is the 20% darker color. If you saturate the color by 10%, you get **55.3771, 64.1479, 9.6185**, and if you desaturate by 10%, it is **56.5756, 65.6498, 12.7772**.

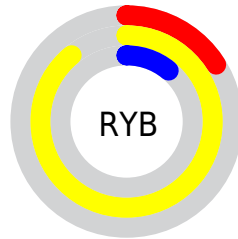
Distribution



Red (89%)

Green (84%)

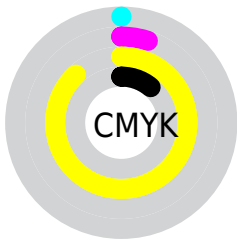
Blue (11%)



Red (16%)

Yellow (89%)

Blue (11%)

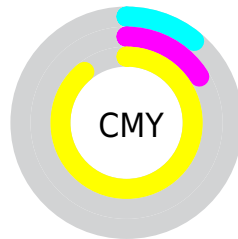


Cyan (0%)

Magenta (5%)

Yellow (88%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8741, 64.8535, 10.6717 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 55.8741, 64.8535, 10.6717 by changing the saturation by 10% instead.

■ 55.8741, 64.8535,
10.6717

■ 55.8741, 64.8535,
10.6717

399.2996,
442.2653, 206.0571

■ 40.3386, 47.3423,
5.7352

■ 97.9614, 111.8392,
27.6788

■ 27.9880, 33.3063,
2.6185

■ 125.2438,
142.0825, 40.5864

■ 18.4570, 22.3612,
0.9020

■ 157.1726,
177.3386, 56.9881

■ 11.3803, 14.1226,
0.0000

■ 194.1132,
217.9920, 77.3024

■ 6.3924, 8.2060,
0.0000

■ 236.4308,
264.4269, 101.9480

■ 3.1280, 4.2270,
0.0000

■ 284.4908,

■ 1.2218, 1.8013,

317.0278, 131.3432

0.0000

338.6586,
376.1792, 165.9068

■ 0.1235, 0.4880,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8741, 64.8535,
10.6717

■ 55.8741, 64.8535,
10.6717

■ 55.3771, 64.1479,
9.6185

■ 56.5756, 65.6498,
12.7772

■ 55.2716, 63.9842,
9.4371

■ 57.5195, 66.5446,
16.1531

■ 58.7382, 67.5532,
20.9643

■ 60.2583, 68.6863,
27.3501

■ 62.1030, 69.9532,
35.4332

■ 64.2933, 71.3623,
45.3243

■ 66.8486, 72.9214,
57.1246

■ 69.7865, 74.6375,
70.9280

■ 73.1238, 76.5174,
86.8220

Harmonies

Analogous

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



74.5795, 64.8535, 12.0719



55.8741, 64.8535, 10.6717



41.8114, 64.8535, 18.1264

Triad

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



55.8741, 64.8535, 10.6717



38.4213, 64.8535, 156.3662



100.7644, 64.8535, 111.3452

Complementary

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



55.8741, 64.8535, 10.6717



14.9323, 7.1894, 72.5517

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.



86.9190, 64.8535, 179.3828



55.8741, 64.8535, 10.6717



50.2933, 64.8535, 213.0571

Square

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



55.8741, 64.8535, 10.6717



33.1317, 64.8535, 89.0858



67.7923, 64.8535, 223.0948



103.0755, 64.8535, 54.8910

Rectangle

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



55.8741, 64.8535, 10.6717



36.0274, 64.8535, 31.1561



67.7923, 64.8535, 223.0948



97.1916, 64.8535, 134.2156

Sweetspot

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



55.8756, 64.8566, 10.6730



84.9896, 94.1148, 61.6601



32.1833, 17.1613, 3.7335



17.9598, 19.9994, 12.1408



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.



55.8756, 64.8566, 10.6730



72.6483, 84.0767, 12.3994



38.2557, 60.0695, 10.6777



14.8032, 15.8923, 14.5941



31.5622, 36.5624, 5.3937



2.2079, 2.5747, 0.3806

Inverse Universe

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



14.9323, 7.1894, 72.5517



18.2092, 7.5384, 95.1031



21.0572, 9.8865, 72.7494



13.0128, 13.3647, 17.2815



7.9376, 3.3447, 41.2756



0.5720, 0.2755, 2.8683

Previews

White Background



This preview shows how the XYZ color 55.8741, 64.8535, 10.6717 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 55.8741, 64.8535, 10.6717 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 55.8741, 64.8535, 10.6717

Background



This preview shows how black text looks on a background with the XYZ color 55.8741, 64.8535, 10.6717.



This preview shows how white text looks on a background with the XYZ color 55.8741, 64.8535,

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

55.8741, 64.8535, 10.6717

Protanopia

58.4171, 64.6722, 10.4410

Deuteranopia

65.0673, 64.5838, 23.2239



Tritanopia

68.6455, 64.6171, 73.8201

Trichromacy



Original Color

55.8741, 64.8535, 10.6717

Protanomaly

57.3456, 64.4897, 10.4622

Deuteranomaly

61.0323, 64.4233, 16.6153

Tritanomaly

61.1083, 63.2932, 37.0130

Monochromacy



Original Color

55.8741, 64.8535, 10.6717

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.0492, 58.3732, 31.8164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8741, 64.8535, 10.6717 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(226, 215, 28)` looks like.

```
.text, #text, p{  
    color:rgb(226, 215, 28)  
}
```

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(226, 215, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 215, 28) }
```

Border

The CSS property to change the border of an element to XYZ 55.8741, 64.8535, 10.6717 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(226, 215, 28) }
```


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

```
.border{ border-color:rgb(226, 215, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 215, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 215, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 215, 28);  
box-shadow:4px 4px 4px 4px rgb(226, 215,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8741, 64.8535, 10.6717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 215, 28) }
```

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

```
.background{ background-color: rgb(226,  
215, 28) }
```

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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