

Converting Colors

XYZ(55.5610, 60.4605, 8.7417)

Have a look what the booklet for
XYZ(55.5610, 60.4605, 8.7417)
contains.

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Color

**XYZ(55.6169, 60.3740,
8.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCB00
RGB	235, 203, 0
RGB Percent	92%, 80%, 0%
CMY	0.0784, 0.2039, 0.9999
CMYK	0.00, 0.14, 1.00, 0.08
HSL	52°, 100%, 46%
HSV	52°, 100%, 92%
XYZ	55.6169, 60.3740, 8.7220
YIQ	189.4260, 84.2350, -56.3490

Conversions

Conversions Part 2

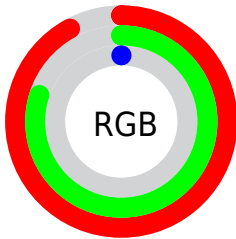
Format	Color
R _Y B	37, 235, 0
Decimal	15452928
CIE Lab	82.04, -4.38, 82.82
CIE LCh	82, 82.937, 93.029
Yxy	60.3740, 0.4460, 0.4841
Android (android.graphics.Color)	4293643008 (0xFFEBCB00)
YUV	189.4260, -93.3870, 39.9684
Hunter-Lab	77.7007, -8.2088, 47.7351

Details

The XYZ color **55.6169, 60.3740, 8.7220** 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 **15.5126, 7.0322, 79.1365**, and the grayscale version is **49.1020, 51.6591, 56.2568**.

A 20% lighter version of the original color is **78.6797, 93.4519, 22.6953**, and **28.2030, 30.4936, 4.3994** is the 20% darker color. If you saturate the color by 10%, you get **55.6174, 60.3753, 8.7223**, and if you desaturate by 10%, it is **56.5416, 61.9678, 9.8193**.

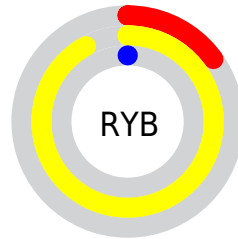
Distribution



Red (92%)

Green (80%)

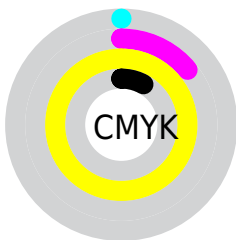
Blue (0%)



Red (15%)

Yellow (92%)

Blue (0%)

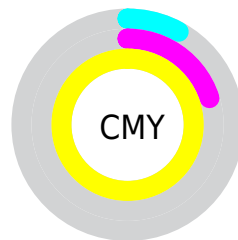


Cyan (0%)

Magenta (14%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6169, 60.3740, 8.7220 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 55.6169, 60.3740, 8.7220 by changing the saturation by 10% instead.

■ 55.6169, 60.3740,
8.7220

■ 55.6169, 60.3740,
8.7220

398.3446,
425.9750, 191.4313

■ 40.1316, 43.7202,
4.4660

■ 97.5873, 105.3720,
23.9313

■ 27.8259, 30.4506,
1.8843

■ 124.8031,
134.4850, 35.7216

■ 18.3342, 20.1808,
0.4827

■ 156.6599,
168.5198, 50.8605

■ 11.2913, 12.5266,
0.0000

■ 193.5229,
207.8608, 69.7664

■ 6.3319, 7.1034,
0.0000

■ 235.7575,
252.8924, 92.8579

■ 3.0905, 3.5268,
0.0000

■ 283.7291,

■ 1.2018, 1.4126,

303.9990, 120.5535

0.0000

337.8030,
361.5651, 153.2718

■ 0.1078, 0.2260,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6169, 60.3740,
8.7220

■ 55.6169, 60.3740,
8.7220

■ 55.6174, 60.3753,
8.7223

■ 56.5416, 61.9678,
9.8193

■ 57.6744, 63.6676,
11.9411

■ 59.0779, 65.5010,
15.4106

■ 60.7880, 67.4824,
20.4167

■ 62.8351, 69.6241,
27.1184

■ 65.2457, 71.9368,
35.6548

■ 68.0434, 74.4303,
46.1504

■ 71.2500, 77.1132,
58.7191

■ 74.8854, 79.9938,
73.4658

Harmonies

Analogous

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



74.1116, 60.3740, 11.7133



55.6169, 60.3740, 8.7220



40.8678, 60.3740, 13.4080

Triad

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



55.6169, 60.3740, 8.7220



33.4627, 60.3740, 133.8398



93.0691, 60.3740, 120.1124

Complementary

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



55.6169, 60.3740, 8.7220



15.5126, 7.0322, 79.1365

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.



77.8395, 60.3740, 184.8081



55.6169, 60.3740, 8.7220



43.3837, 60.3740, 195.1806

Square

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



55.6169, 60.3740, 8.7220



29.8250, 60.3740, 70.9835



59.1875, 60.3740, 217.4383



98.1670, 60.3740, 60.7557

Rectangle

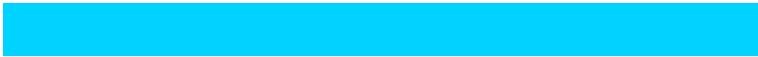
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.6169, 60.3740, 8.7220



34.4018, 60.3740, 23.0264



59.1875, 60.3740, 217.4383



88.8305, 60.3740, 142.7913

Sweetspot

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



55.6183, 60.3769, 8.7232



81.8529, 89.5480, 55.3535



34.5684, 17.7855, 3.2222



17.2027, 18.8893, 10.6424



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.



55.6183, 60.3769, 8.7232



66.9069, 72.5938, 10.4856



42.7995, 66.1651, 10.5161



16.1669, 17.2568, 15.9975



31.0233, 33.7409, 4.8775



2.4844, 2.7462, 0.3991

Inverse Universe

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



15.5126, 7.0322, 79.1365



18.6428, 8.4056, 95.2476



18.4983, 7.8044, 79.1282



14.3966, 14.8796, 19.0355



8.6858, 4.0187, 44.0609



0.7345, 0.4204, 3.4773

Previews

White Background



This preview shows how the XYZ color 55.6169, 60.3740, 8.7220 looks on a white background.

Color Contrast Check

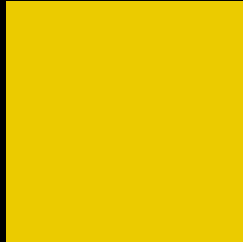
Large Text (above 18pt) WCAG AA × Fail

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 55.6169, 60.3740, 8.7220 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 55.6169, 60.3740, 8.7220

Background



This preview shows how black text looks on a background with the XYZ color 55.6169, 60.3740, 8.7220.



This preview shows how white text looks on a background with the XYZ color 55.6169, 60.3740,

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

55.6169, 60.3740, 8.7220

Protanopia

54.4973, 60.4988, 8.9774

Deuteranopia

61.3741, 60.1805, 12.7961



Tritanopia

66.9831, 60.2998, 64.6085

Trichromacy



Original Color

55.6169, 60.3740, 8.7220

Protanomaly

54.8935, 60.3503, 8.8704

Deuteranomaly

59.0439, 60.0354, 10.3955

Tritanomaly

59.8722, 59.0458, 29.0103

Monochromacy



Original Color

55.6169, 60.3740, 8.7220

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.1356, 53.0615, 25.4742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6169, 60.3740, 8.7220 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(235, 203, 0)` looks like.

```
.text, #text, p{  
    color:rgb(235, 203, 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(235, 203, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 203, 0) }
```

Border

The CSS property to change the border of an element to XYZ 55.6169, 60.3740, 8.7220 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(235, 203, 0) }
```


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

```
.border{ border-color:rgb(235, 203, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 203, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 203, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 203, 0);  
box-shadow:4px 4px 4px 4px rgb(235, 203,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6169, 60.3740, 8.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 203, 0) }
```

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

```
.background{ background-color: rgb(235,  
203, 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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