

Converting Colors

XYZ(55.7408, 60.7560, 8.9913)

Have a look what the booklet for
XYZ(55.7408, 60.7560, 8.9913)
contains.

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Color

**XYZ(55.8922, 60.8632,
9.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCC07
RGB	235, 204, 7
RGB Percent	92%, 80%, 3%
CMY	0.0784, 0.2000, 0.9724
CMYK	0.00, 0.13, 0.97, 0.08
HSL	52°, 94%, 47%
HSV	52°, 97%, 92%
XYZ	55.8922, 60.8632, 9.0030
YIQ	190.8110, 81.7130, -54.6950

Conversions

Conversions Part 2

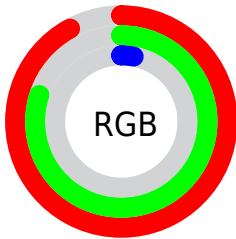
Format	Color
R _Y B	43, 235, 7
Decimal	15453191
CIE Lab	82.31, -4.83, 82.36
CIE LCh	82, 82.502, 93.357
Yxy	60.8632, 0.4444, 0.4840
Android (android.graphics.Color)	4293643271 (0xFFEBCC07)
YUV	190.8110, -90.6188, 38.7538
Hunter-Lab	78.0149, -8.6433, 47.7683

Details

The XYZ color **55.8922, 60.8632, 9.0030** 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 **15.7770, 7.4309, 79.1995**, and the grayscale version is **49.8903, 52.4885, 57.1600**.

A 20% lighter version of the original color is **78.7615, 93.4846, 23.1257**, and **28.3619, 30.8114, 4.4524** is the 20% darker color. If you saturate the color by 10%, you get **55.6287, 60.3980, 8.7260**, and if you desaturate by 10%, it is **56.8634, 62.4816, 10.3270**.

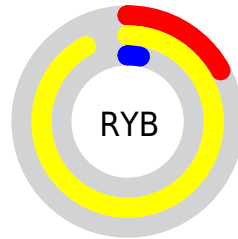
Distribution



Red (92%)

Green (80%)

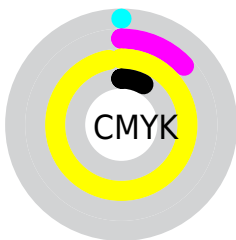
Blue (3%)



Red (17%)

Yellow (92%)

Blue (3%)

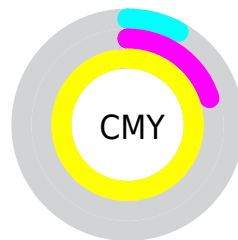


Cyan (0%)

Magenta (13%)

Yellow (97%)

Black (8%)



Cyan (8%)


Magenta (20%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8922, 60.8632, 9.0030 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 55.8922, 60.8632, 9.0030 by changing the saturation by 10% instead.


 55.8922, 60.8632,
9.0030


 55.8922, 60.8632,
9.0030


399.3667,
427.7722, 193.6192

 40.3532, 44.1148,
4.6463


 97.9877, 106.0808,
24.4803


 27.9994, 30.7608,
1.9862


 125.2748,
135.3188, 36.4381

 18.4657, 20.4167,
0.5468


 157.2087,
169.4888, 51.7665

 11.3866, 12.6983,
0.0000

 194.1547,
208.9752, 70.8843

 6.3967, 7.2211,
0.0000

 236.4781,
254.1623, 94.2099

 3.1307, 3.6008,
0.0000

 284.5444,

 1.2232, 1.4529,

305.4346, 122.1619

0.0000

338.7188,
363.1764, 155.1588

■ 0.1246, 0.2552,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8922, 60.8632,
9.0030

■ 55.8922, 60.8632,
9.0030

■ 55.6287, 60.3980,
8.7260

■ 56.8634, 62.4816,
10.3270

■ 58.0717, 64.2176,
12.8278

■ 59.5621, 66.0916,
16.7367

■ 61.3686, 68.1174,
22.2322

■ 63.5203, 70.3068,
29.4664

■ 66.0426, 72.6700,
38.5737

■ 68.9588, 75.2166,
49.6752

■ 72.2899, 77.9551,
62.8819

■ 76.0555, 80.8935,
78.2965

Harmonies

Analogous

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



74.3625, 60.8632, 11.9475



55.8922, 60.8632, 9.0030



41.1869, 60.8632, 13.8490

Triad

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



55.8922, 60.8632, 9.0030



33.9662, 60.8632, 134.9941



93.6123, 60.8632, 119.8262

Complementary

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



55.8922, 60.8632, 9.0030



15.7770, 7.4309, 79.1995

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.



78.4888, 60.8632, 184.4170



55.8922, 60.8632, 9.0030



43.9807, 60.8632, 195.8586

Square

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



55.8922, 60.8632, 9.0030



30.2481, 60.8632, 72.1003



59.8502, 60.8632, 217.4242



98.5624, 60.8632, 60.7622

Rectangle

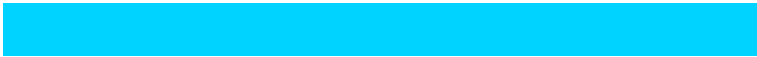
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.8922, 60.8632, 9.0030



34.7513, 60.8632, 23.6675



59.8502, 60.8632, 217.4242



89.4174, 60.8632, 142.4294

Sweetspot

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



55.8936, 60.8661, 9.0042



82.2218, 89.8707, 56.7562



34.7411, 17.9762, 3.7569



17.2737, 18.9534, 10.9063



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.



55.8936, 60.8661, 9.0042



66.9206, 72.6211, 10.4902



43.3043, 66.4209, 10.7399



16.1672, 17.2574, 15.9976



31.0296, 33.7534, 4.8796



2.4848, 2.7470, 0.3993

Inverse Universe

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



15.7770, 7.4309, 79.1995



18.6413, 8.4026, 95.2471



18.9850, 8.1681, 79.1727



14.3963, 14.8791, 19.0354



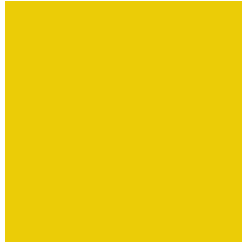
8.6851, 4.0171, 44.0606



0.7344, 0.4202, 3.4773

Previews

White Background



This preview shows how the XYZ color 55.8922, 60.8632, 9.0030 looks on a white background.

Color Contrast Check

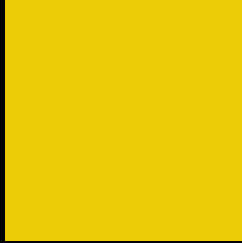
Large Text (above 18pt) WCAG AA × Fail

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 55.8922, 60.8632, 9.0030 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 55.8922, 60.8632, 9.0030

Background



This preview shows how black text looks on a background with the XYZ color 55.8922, 60.8632, 9.0030.

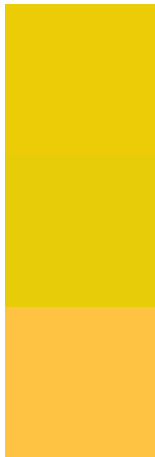


This preview shows how white text looks on a background with the XYZ color 55.8922, 60.8632,

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

55.8922, 60.8632, 9.0030

Protanopia

54.8356, 60.6713, 9.0790

Deuteranopia

61.7985, 60.7076, 13.9294



Tritanopia

67.6703, 60.9607, 65.3267

Trichromacy



Original Color

55.8922, 60.8632, 9.0030

Protanomaly

55.1539, 60.8360, 9.0653

Deuteranomaly

59.3986, 60.5419, 11.1399

Tritanomaly

60.6421, 59.7508, 30.1667

Monochromacy



Original Color

55.8922, 60.8632, 9.0030

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.1101, 54.2005, 26.9421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8922, 60.8632, 9.0030 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, 204, 7)` looks like.

```
.text, #text, p{  
    color:rgb(235, 204, 7)  
}
```

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, 204, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 204, 7) }
```

Border

The CSS property to change the border of an element to XYZ 55.8922, 60.8632, 9.0030 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, 204, 7) }
```


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

```
.border{ border-color:rgb(235, 204, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 204, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 204, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 204, 7);  
box-shadow:4px 4px 4px 4px rgb(235, 204,  
7) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8922, 60.8632, 9.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 204, 7) }
```

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

```
.background{ background-color: rgb(235,  
204, 7) }
```

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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