

Converting Colors

XYZ(58.6051, 66.6512, 10.3922)

Have a look what the booklet for
XYZ(58.6051, 66.6512, 10.3922)
contains.

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Color

**XYZ(58.6051, 66.6512,
10.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD813
RGB	234, 216, 19
RGB Percent	92%, 85%, 7%
CMY	0.0824, 0.1529, 0.9254
CMYK	0.00, 0.08, 0.92, 0.08
HSL	55°, 85%, 50%
HSV	55°, 92%, 92%
XYZ	58.6051, 66.6512, 10.3922
YIQ	198.9240, 73.9650, -57.4510

Conversions

Conversions Part 2

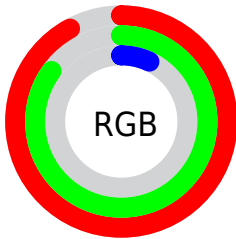
Format	Color
R _Y B	39, 234, 19
Decimal	15390739
CIE Lab	85.33, -11.19, 83.30
CIE LCh	85, 84.051, 97.650
Yxy	66.6512, 0.4320, 0.4914
Android (android.graphics.Color)	4293580819 (0xFFEAD813)
YUV	198.9240, -88.7025, 30.7617
Hunter-Lab	81.6402, -14.7348, 49.6009

Details

The XYZ color **58.6051, 66.6512, 10.3922** 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 **15.7819, 7.4028, 78.4384**, and the grayscale version is **54.7363, 57.5868, 62.7120**.

A 20% lighter version of the original color is **78.9758, 93.5703, 24.2543**, and **30.3759, 34.8393, 5.1237** is the 20% darker color. If you saturate the color by 10%, you get **58.0831, 65.7956, 9.6385**, and if you desaturate by 10%, it is **59.4191, 67.7870, 12.1823**.

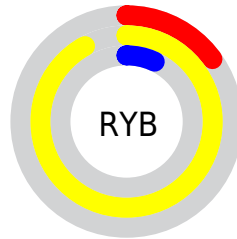
Distribution



Red (92%)

Green (85%)

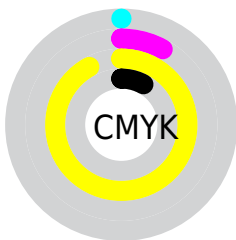
Blue (7%)



Red (15%)

Yellow (92%)

Blue (7%)

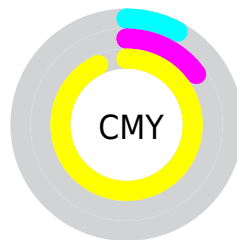


Cyan (0%)

Magenta (8%)

Yellow (92%)

Black (8%)



Cyan (8%)

Magenta (15%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6051, 66.6512, 10.3922 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 58.6051, 66.6512, 10.3922 by changing the saturation by 10% instead.

■ 58.6051, 66.6512,
10.3922

■ 58.6051, 66.6512,
10.3922

409.3545,
448.7022, 204.0343

■ 42.5405, 48.8012,
5.5508

■ 101.9214,
114.4205, 27.1499

■ 29.7177, 34.4618,
2.5096

■ 129.9038,
145.1086, 39.9032

■ 19.7714, 23.2486,
0.8452

■ 162.5895,
180.8448, 56.1309

■ 12.3363, 14.7772,
0.0000

■ 200.3438,
222.0136, 76.2516

■ 7.0470, 8.6632,
0.0000

■ 243.5321,
268.9993, 100.6837

■ 3.5381, 4.5221,
0.0000

■ 292.5197,

■ 1.4443, 1.9697,

322.1864, 129.8458

0.0000

347.6721,
381.9592, 164.1565

■ 0.2874, 0.5898,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6051, 66.6512,
10.3922

■ 58.6051, 66.6512,
10.3922

■ 58.0831, 65.7956,
9.6385

■ 59.4191, 67.7870,
12.1823

■ 60.4825, 69.0296,
15.2623

■ 61.8336, 70.3969,
19.8280

■ 63.5032, 71.9013,
26.0412

■ 65.5181, 73.5536,
34.0428

■ 67.9022, 75.3632,
43.9584

■ 70.6772, 77.3389,
55.9025

■ 73.8632, 79.4888,
69.9803

■ 77.4787, 81.8204,
86.2900

Harmonies

Analogous

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



78.3004, 66.6512, 12.4088



58.6051, 66.6512, 10.3922



43.5328, 66.6512, 17.2189

Triad

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



58.6051, 66.6512, 10.3922



38.5805, 66.6512, 157.1974



103.5539, 66.6512, 120.1344

Complementary

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



58.6051, 66.6512, 10.3922



15.7819, 7.4028, 78.4384

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.



88.4194, 66.6512, 191.1064



58.6051, 66.6512, 10.3922



50.4350, 66.6512, 218.9472

Square

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



58.6051, 66.6512, 10.3922



33.5758, 66.6512, 87.4269



68.3443, 66.6512, 233.7522



106.9514, 66.6512, 59.5026

Rectangle

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



58.6051, 66.6512, 10.3922



37.2036, 66.6512, 29.7143



68.3443, 66.6512, 233.7522



99.5425, 66.6512, 144.2872

Sweetspot

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



58.6066, 66.6544, 10.3935



83.7330, 92.4703, 58.5632



34.5564, 18.1153, 3.7290



17.6248, 19.5762, 11.2680



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.



58.6066, 66.6544, 10.3935



70.5655, 79.9111, 11.7052



41.7542, 65.1887, 10.9989



16.2378, 17.3987, 16.0212



32.6853, 37.0649, 5.4315



2.5984, 2.9742, 0.4371

Inverse Universe

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



15.7819, 7.4028, 78.4384



18.3245, 7.7690, 95.1415



20.9112, 9.4106, 78.5556



14.3325, 14.7515, 19.0142



8.5186, 3.6842, 44.0051



0.7040, 0.3594, 3.4671

Previews

White Background



This preview shows how the XYZ color 58.6051, 66.6512, 10.3922 looks on a white background.

Color Contrast Check

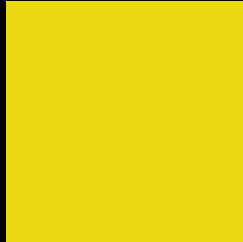
Large Text (above 18pt) WCAG AA × Fail

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 58.6051, 66.6512, 10.3922 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 58.6051, 66.6512, 10.3922

Background



This preview shows how black text looks on a background with the XYZ color 58.6051, 66.6512, 10.3922.



This preview shows how white text looks on a background with the XYZ color 58.6051, 66.6512,

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

58.6051, 66.6512, 10.3922

Protanopia

60.0909, 66.6621, 10.2722

Deuteranopia

66.5842, 66.3278, 27.7055



Tritanopia

71.6391, 66.5053, 74.0268

Trichromacy



Original Color

58.6051, 66.6512, 10.3922

Protanomaly

59.6695, 66.8217, 10.3252

Deuteranomaly

62.7979, 66.0310, 18.0298

Tritanomaly

63.7233, 65.0335, 35.5797

Monochromacy



Original Color

58.6051, 66.6512, 10.3922

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.2858, 59.3809, 31.2075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6051, 66.6512, 10.3922 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(234, 216, 19)` looks like.

```
.text, #text, p{  
    color:rgb(234, 216, 19)  
}
```

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(234, 216, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 216, 19) }
```

Border

The CSS property to change the border of an element to XYZ 58.6051, 66.6512, 10.3922 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(234, 216, 19) }
```


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

```
.border{ border-color:rgb(234, 216, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 216, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 216, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 216, 19);  
box-shadow:4px 4px 4px 4px rgb(234, 216,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6051, 66.6512, 10.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 216, 19) }
```

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

```
.background{ background-color: rgb(234,  
216, 19) }
```

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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