

Converting Colors

XYZ(59.3440, 66.1061, 10.6982)

Have a look what the booklet for
XYZ(59.3440, 66.1061, 10.6982)
contains.

XYZ(59.5043, 66.3494, 10.7074)	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(59.5043, 66.3494,
10.7074)**

Conversions

Conversions Part 1

Format	Color
Hex	EED61B
RGB	238, 214, 27
RGB Percent	93%, 84%, 11%
CMY	0.0667, 0.1608, 0.8941
CMYK	0.00, 0.10, 0.89, 0.07
HSL	53°, 86%, 52%
HSV	53°, 89%, 93%
XYZ	59.5043, 66.3494, 10.7074
YIQ	199.8580, 74.3310, -53.0690

Conversions

Conversions Part 2

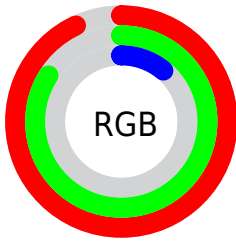
Format	Color
RYB	54, 238, 27
Decimal	15652379
CIELab	85.17, -8.36, 82.12
CIELCh	85, 82.548, 95.814
Yxy	66.3494, 0.4357, 0.4859
Android (android.graphics.Color)	4293842459 (0xFFEED61B)
YUV	199.8580, -85.2190, 33.4505
Hunter-Lab	81.4551, -12.1494, 49.2248

Details

The XYZ color **59.5043, 66.3494, 10.7074** 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 **17.0689, 8.7743, 81.6823**, and the grayscale version is **55.2907, 58.1701, 63.3473**.

A 20% lighter version of the original color is **79.1113, 93.6245, 24.9681**, and **30.7023, 34.4887, 5.0388** is the 20% darker color. If you saturate the color by 10%, you get **58.6461, 64.9218, 9.5324**, and if you desaturate by 10%, it is **60.5920, 67.8922, 13.0213**.

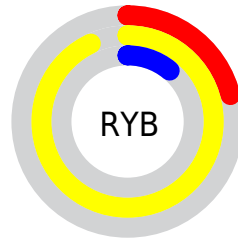
Distribution



Red (93%)

Green (84%)

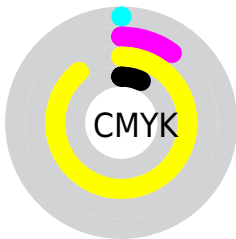
Blue (11%)



Red (21%)

Yellow (93%)

Blue (11%)

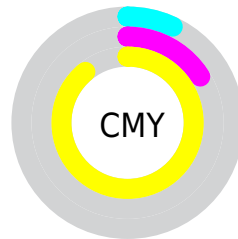


Cyan (0%)

Magenta (10%)

Yellow (89%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5043, 66.3494, 10.7074 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 59.5043, 66.3494, 10.7074 by changing the saturation by 10% instead.

■ 59.5043, 66.3494,
10.7074

■ 59.5043, 66.3494,
10.7074

412.6323,
447.6254, 206.3138

■ 43.2671, 48.5561,
5.7588

■ 103.2207,
113.9877, 27.7461

■ 30.2902, 34.2675,
2.6325

■ 131.4307,
144.6014, 40.6733

■ 20.2081, 23.0992,
0.9092

■ 164.3622,
180.2574, 57.0971

■ 12.6556, 14.6667,
0.0000

■ 202.3808,
221.3401, 77.4360

■ 7.2672, 8.5858,
0.0000

■ 245.8518,
268.2339, 102.1086

■ 3.6775, 4.4720,
0.0000

■ 295.1404,

■ 1.5214, 1.9410,

321.3231, 131.5334

0.0000

350.6122,
380.9921, 166.1290

■ 0.3403, 0.5728,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5043, 66.3494,
10.7074

■ 59.5043, 66.3494,
10.7074

■ 58.6461, 64.9218,
9.5324

■ 60.5920, 67.8922,
13.0213

■ 58.5376, 64.7330,
9.4095

■ 61.9575, 69.5618,
16.7486

■ 63.6385, 71.3761,
22.0805

■ 65.6656, 73.3472,
29.1780

68.0656, 75.4861,
38.1820

70.8627, 77.8024,
49.2197

74.0790, 80.3051,
62.4070

77.7348, 83.0025,
77.8511

81.8493, 85.9022,
95.6522

Harmonies

Analogous

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



78.9021, 66.3494, 13.2606



59.5043, 66.3494, 10.7074



44.3430, 66.3494, 16.9075

Triad

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



59.5043, 66.3494, 10.7074



38.2525, 66.3494, 150.4112



101.6968, 66.3494, 122.9350

Complementary

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



59.5043, 66.3494, 10.7074



17.0689, 8.7743, 81.6823

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.



86.4255, 66.3494, 191.4102



59.5043, 66.3494, 10.7074



49.4997, 66.3494, 212.0020

Square

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



59.5043, 66.3494, 10.7074



33.7238, 66.3494, 83.1394



66.7611, 66.3494, 229.8519



105.8207, 66.3494, 62.3432

Rectangle

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



59.5043, 66.3494, 10.7074



37.8356, 66.3494, 28.5809



66.7611, 66.3494, 229.8519



97.5680, 66.3494, 146.5506

Sweetspot

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



59.5058, 66.3526, 10.7087



83.4318, 91.4374, 59.7899



36.2633, 19.2061, 5.0009



17.6008, 19.3650, 11.7629



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.



59.5058, 66.3526, 10.7087



68.4369, 75.6538, 10.9956



44.7006, 68.4081, 11.8858



16.9605, 18.1341, 16.7560



32.7193, 36.2366, 5.2699



2.7652, 3.1010, 0.4528

Inverse Universe

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



17.0689, 8.7743, 81.6823



18.4893, 8.0986, 95.1964



21.9958, 10.1388, 81.6860



15.0420, 15.5181, 19.9241



8.8758, 3.9758, 45.4275



0.7855, 0.4250, 3.7948

Previews

White Background



This preview shows how the XYZ color 59.5043, 66.3494, 10.7074 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 59.5043, 66.3494, 10.7074 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 59.5043, 66.3494, 10.7074

Background



This preview shows how black text looks on a background with the XYZ color 59.5043, 66.3494, 10.7074.



This preview shows how white text looks on a background with the XYZ color 59.5043, 66.3494,

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

59.5043, 66.3494, 10.7074

Protanopia

59.9273, 66.1929, 10.6549

Deuteranopia

66.4615, 66.2787, 27.0595



Tritanopia

71.9854, 66.0259, 72.5686

Trichromacy



Original Color

59.5043, 66.3494, 10.7074

Protanomaly

59.5887, 66.0184, 10.6391

Deuteranomaly

63.3025, 65.9234, 18.1922

Tritanomaly

64.7872, 64.8539, 36.2975

Monochromacy



Original Color

59.5043, 66.3494, 10.7074

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.0782, 59.7649, 32.3525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5043, 66.3494, 10.7074 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(238, 214, 27)` looks like.

```
.text, #text, p{  
    color:rgb(238, 214, 27)  
}
```

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(238, 214, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 214, 27) }
```

Border

The CSS property to change the border of an element to XYZ 59.5043, 66.3494, 10.7074 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(238, 214, 27) }
```


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

```
.border{ border-color:rgb(238, 214, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 214, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 214, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 214, 27);  
box-shadow:4px 4px 4px 4px rgb(238, 214,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5043, 66.3494, 10.7074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 214, 27) }
```

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

```
.background{ background-color: rgb(238,  
214, 27) }
```

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