

Converting Colors

XYZ(56.9908, 58.9162, 19.7072)

Have a look what the booklet for
XYZ(56.9908, 58.9162, 19.7072)
contains.

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Color

**XYZ(57.0490, 58.8001,
19.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC561
RGB	237, 197, 97
RGB Percent	93%, 77%, 38%
CMY	0.0706, 0.2274, 0.6196
CMYK	0.00, 0.17, 0.59, 0.07
HSL	43°, 80%, 65%
HSV	43°, 59%, 93%
XYZ	57.0490, 58.8001, 19.6520
YIQ	197.5600, 55.9400, -22.6200

Conversions

Conversions Part 2

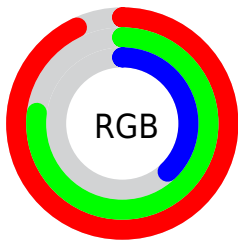
Format	Color
RYB	153, 237, 97
Decimal	15582561
CIELab	81.18, 2.88, 54.53
CIElCh	81, 54.604, 86.975
Yxy	58.8001, 0.4210, 0.4339
Android (android.graphics.Color)	4293772641 (0xFFEDC561)
YUV	197.5600, -49.5761, 34.5889
Hunter-Lab	76.6812, -1.3924, 38.4819

Details

The XYZ color **57.0490, 58.8001, 19.6520** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **29.1612, 26.5462, 83.7074**, and the grayscale version is **53.6782, 56.4736, 61.4998**.

A 20% lighter version of the original color is **81.8703, 93.7126, 42.6275**, and **28.7880, 29.5933, 6.5777** is the 20% darker color. If you saturate the color by 10%, you get **54.6022, 55.4187, 14.1751**, and if you desaturate by 10%, it is **59.8977, 62.4573, 26.8923**.

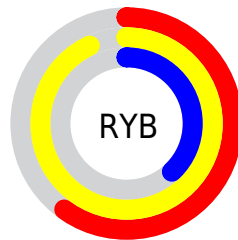
Distribution



Red (93%)

Green (77%)

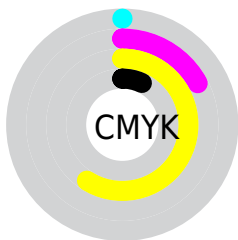
Blue (38%)



Red (60%)

Yellow (93%)

Blue (38%)

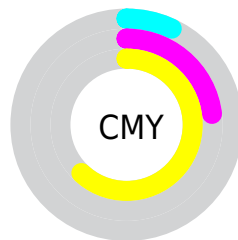


Cyan (0%)

Magenta (17%)

Yellow (59%)

Black (7%)



Cyan (7%)

Magenta (23%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0490, 58.8001, 19.6520 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 57.0490, 58.8001, 19.6520 by changing the saturation by 10% instead.

57.0490, 58.8001,
19.6520

57.0490, 58.8001,
19.6520

403.6441,
420.1607, 262.5665

41.2849, 42.4522,
11.9608

99.6676, 103.0871,
43.6842

28.7304, 29.4556,
6.5948

127.2528,
131.7950, 60.8623

19.0202, 19.4257,
3.1354

159.5091,
165.3916, 82.0398

11.7890, 11.9783,
1.1642

196.8018,
204.2615, 107.6352

6.6713, 6.7289,
0.0000

239.4963,
248.7889, 138.0670

3.3019, 3.2931,
0.0000

287.9580,

1.3154, 1.2866,

299.3584, 173.7538

0.0000

342.5521,
356.3542, 215.1141

■ 0.1947, 0.1308,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0490, 58.8001,
19.6520

■ 57.0490, 58.8001,
19.6520

■ 54.6022, 55.4187,
14.1751

■ 59.8977, 62.4573,
26.8923

■ 52.5217, 52.2906,
10.2978


■ 63.1717, 66.3942,
36.0331

■ 50.7722, 49.4025,
7.8313


■ 66.8972, 70.6250,
47.2021


■ 49.2976, 46.7304,
6.4849


■ 71.0968, 75.1601,
60.5148


 49.1679, 46.4903,
6.3821

 75.7917, 80.0093,
76.0778

 81.0015, 85.1816,
93.9908

 85.4459, 90.1664,
107.5081

 87.5252, 94.3250,
108.2012

 88.7349, 96.7445,
108.6045

Harmonies

Analogous

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



68.6656, 58.8001, 24.5762



57.0490, 58.8001, 19.6520



46.5484, 58.8001, 22.8726

Triad

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



57.0490, 58.8001, 19.6520



38.5849, 58.8001, 96.8201



76.2883, 58.8001, 104.5548

Complementary

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



57.0490, 58.8001, 19.6520



29.1612, 26.5462, 83.7074

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.



66.3994, 58.8001, 137.5771



57.0490, 58.8001, 19.6520



44.8024, 58.8001, 132.1499

Square

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



57.0490, 58.8001, 19.6520



36.7801, 58.8001, 60.7768



54.7423, 58.8001, 149.0785



80.6776, 58.8001, 67.3835

Rectangle

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



57.0490, 58.8001, 19.6520



41.3841, 58.8001, 30.1074



54.7423, 58.8001, 149.0785



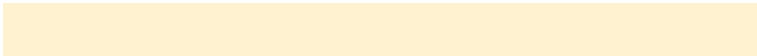
73.4367, 58.8001, 116.9326

Sweetspot

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



57.0504, 58.8029, 19.6532



84.4797, 89.3058, 73.1717



43.8602, 28.4185, 27.6004



17.7557, 18.7698, 14.6046



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.



57.0504, 58.8029, 19.6532



63.8962, 64.5974, 15.5706



58.7364, 74.9866, 22.6881



15.9673, 16.8575, 15.9310



26.9614, 25.6171, 3.5236



2.1985, 2.1743, 0.3038

Inverse Universe

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



29.1612, 26.5462, 83.7074



28.2891, 23.5116, 97.6549



28.0187, 19.0244, 82.3158



14.5816, 15.2497, 19.0972



9.5612, 5.7694, 44.3526



0.8304, 0.6123, 3.5093

Previews

White Background



This preview shows how the XYZ color 57.0490, 58.8001, 19.6520 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 57.0490, 58.8001, 19.6520 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 57.0490, 58.8001, 19.6520

Background



This preview shows how black text looks on a background with the XYZ color 57.0490, 58.8001, 19.6520.



This preview shows how white text looks on a background with the XYZ color 57.0490, 58.8001,

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

57.0490, 58.8001, 19.6520

Protanopia

53.8041, 58.8299, 20.3239

Deuteranopia

60.1212, 58.7209, 19.7208



Tritanopia

65.9903, 58.8808, 62.5306

Trichromacy



Original Color

57.0490, 58.8001, 19.6520

Protanomaly

54.8538, 58.6844, 19.9914

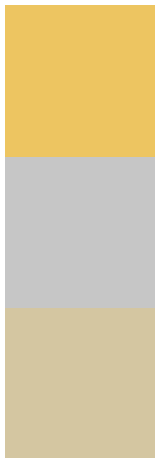
Deuteranomaly

59.1526, 58.8779, 19.8022

Tritanomaly

61.9865, 58.5259, 42.6799

Monochromacy



Original Color

57.0490, 58.8001, 19.6520

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.7785, 56.9584, 41.8779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0490, 58.8001, 19.6520 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(237, 197, 97)` looks like.

```
.text, #text, p{  
    color:rgb(237, 197, 97)  
}
```

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(237, 197, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 197, 97) }
```

Border

The CSS property to change the border of an element to XYZ 57.0490, 58.8001, 19.6520 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(237, 197, 97) }
```


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

```
.border{ border-color:rgb(237, 197, 97) }
```

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

Here you see how a box with a 4 pixel rgb(237, 197, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 197, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 197, 97);  
box-shadow:4px 4px 4px 4px rgb(237, 197,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0490, 58.8001, 19.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 197, 97) }
```

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

```
.background{ background-color: rgb(237,  
197, 97) }
```

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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