

Converting Colors

XYZ(58.7348, 56.1130, 49.7616)

Have a look what the booklet for
XYZ(58.7348, 56.1130, 49.7616)
contains.

XYZ(58.6522, 56.0038, 49.8380)	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(58.6522, 56.0038,
49.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BCB2
RGB	230, 188, 178
RGB Percent	90%, 74%, 70%
CMY	0.0980, 0.2627, 0.3020
CMYK	0.00, 0.18, 0.23, 0.10
HSL	12°, 51%, 80%
HSV	12°, 23%, 90%
XYZ	58.6522, 56.0038, 49.8380
YIQ	199.4180, 28.2420, 5.7940

Conversions

Conversions Part 2

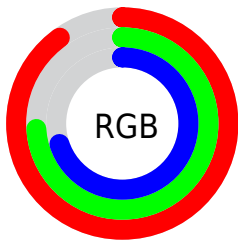
Format	Color
R _Y B	230, 190, 178
Decimal	15121586
CIE Lab	79.62, 13.54, 10.72
CIE LCh	80, 17.274, 38.366
Yxy	56.0038, 0.3566, 0.3405
Android (android.graphics.Color)	4293311666 (0xFFE6BCB2)
YUV	199.4180, -10.5591, 26.8204
Hunter-Lab	74.8357, 8.9363, 12.8999

Details

The XYZ color **58.6522, 56.0038, 49.8380** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.2356, 66.3626, 84.6031**, and the grayscale version is **54.5940, 57.4371, 62.5490**.

A 20% lighter version of the original color is **88.4420, 91.9019, 90.9193**, and **29.8212, 27.8073, 23.1976** is the 20% darker color. If you saturate the color by 10%, you get **52.8180, 47.7262, 37.4392**, and if you desaturate by 10%, it is **65.3874, 65.4629, 64.4486**.

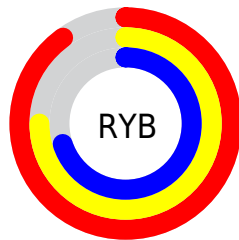
Distribution



Red (90%)

Green (74%)

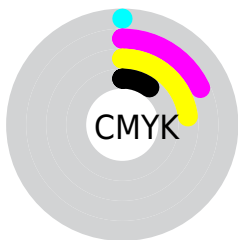
Blue (70%)



Red (90%)

Yellow (75%)

Blue (70%)

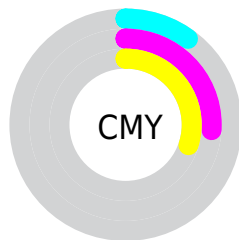


Cyan (0%)

Magenta (18%)

Yellow (23%)

Black (10%)



Cyan (10%)


Magenta (26%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6522, 56.0038, 49.8380 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 58.6522, 56.0038, 49.8380 by changing the saturation by 10% instead.


 58.6522, 56.0038,
49.8380

 58.6522, 56.0038,
49.8380


409.5266,
409.7058, 402.7490

 42.5785, 40.2060,
34.9144


 101.9895, 99.0101,
91.3286

 29.7476, 27.6992,
23.3139


129.9839,
126.9874, 118.7328

 19.7942, 18.0990,
14.6180

162.6824,
159.7933, 151.1342

 12.3529, 11.0211,
8.4081

200.4506,
197.8122, 188.9514

 7.0584, 6.0810,
4.2657

243.6538,
241.4285, 232.6029

 3.5453, 2.8944,
1.7722

292.6573,

 1.4483, 1.0769,

291.0267, 282.5073

0.4095

347.8264,
346.9909, 339.0832

■ 0.2902, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6522, 56.0038,
49.8380

■ 58.6522, 56.0038,
49.8380

■ 52.8180, 47.7262,
37.4392

■ 65.3874, 65.4629,
64.4486

■ 47.8416, 40.5759,
27.1407

■ 73.0553, 76.1396,
81.3681

■ 43.6830, 34.5060,
18.8264

■ 81.6916, 88.0779,
100.6921

■ 40.2972, 29.4634,
12.3675

■ 86.4432, 95.5630,
108.4972

■ 37.6345, 25.3900,
7.6200

■ 35.6392, 22.2221,
4.4185

■ 34.2465, 19.8877,
2.5641

■ 33.5433, 18.6432,
1.8306

Harmonies

Analogous

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



60.1303, 56.0038, 58.2321



58.6522, 56.0038, 49.8380



55.7359, 56.0038, 44.8394

Triad

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



58.6522, 56.0038, 49.8380



47.2475, 56.0038, 54.1809



54.2097, 56.0038, 81.9775

Complementary

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



58.6522, 56.0038, 49.8380



58.2356, 66.3626, 84.6031

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.



50.8002, 56.0038, 80.5890



58.6522, 56.0038, 49.8380



46.8788, 56.0038, 63.8102

Square

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



58.6522, 56.0038, 49.8380



49.1828, 56.0038, 47.1500



48.1526, 56.0038, 73.6668



57.4933, 56.0038, 77.2769

Rectangle

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



58.6522, 56.0038, 49.8380



53.4211, 56.0038, 43.7545



48.1526, 56.0038, 73.6668



53.0393, 56.0038, 82.2167

Sweetspot

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



58.6537, 56.0064, 49.8392



87.8804, 90.0479, 92.9849



61.5342, 53.8565, 75.1872



18.6837, 19.0981, 19.6238



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.



58.6537, 56.0064, 49.8392



70.6336, 65.8411, 55.5238



64.5981, 67.8951, 51.8206



14.6003, 14.8145, 14.9944



19.0569, 10.6880, 1.0586



1.4717, 0.9168, 0.0994

Inverse Universe

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



58.2356, 66.3626, 84.6031



70.0150, 81.0356, 106.5590



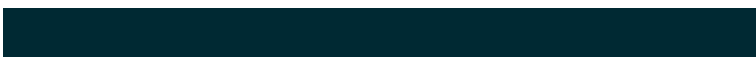
52.0395, 53.9705, 82.5377



14.5594, 15.8403, 18.4344



18.0833, 23.2287, 45.9137



1.3970, 1.8379, 3.4131

Previews

White Background



This preview shows how the XYZ color 58.6522, 56.0038, 49.8380 looks on a white background.

Color Contrast Check

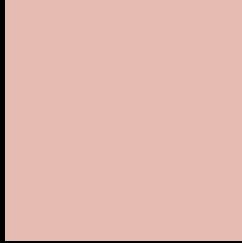
Large Text (above 18pt) WCAG AA × Fail

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 58.6522, 56.0038, 49.8380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

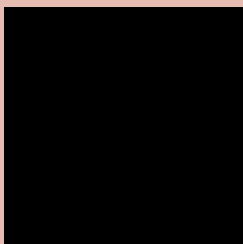
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6522, 56.0038, 49.8380

Background



This preview shows how black text looks on a background with the XYZ color 58.6522, 56.0038, 49.8380.



This preview shows how white text looks on a background with the XYZ color 58.6522, 56.0038,

49.8380.

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

58.6522, 56.0038, 49.8380

Protanopia

53.6903, 56.3305, 52.8428

Deuteranopia

57.1898, 55.8886, 49.8928



Tritanopia

60.9365, 55.9772, 61.6258

Trichromacy



Original Color

58.6522, 56.0038, 49.8380

Protanomaly

55.3638, 56.2159, 51.6488

Deuteranomaly

57.5975, 55.7783, 49.8501

Tritanomaly

59.9179, 55.8683, 56.9159

Monochromacy



Original Color

58.6522, 56.0038, 49.8380

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.4974, 56.4934, 57.2695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6522, 56.0038, 49.8380 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(230, 188, 178)` looks like.

```
.text, #text, p{  
    color:rgb(230, 188, 178)  
}
```

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(230, 188, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 188, 178) }
```

Border

The CSS property to change the border of an element to XYZ 58.6522, 56.0038, 49.8380 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(230, 188, 178) }
```


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

```
.border{ border-color:rgb(230, 188, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 188, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 188, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 188, 178);  
box-shadow:4px 4px 4px 4px rgb(230, 188,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6522, 56.0038, 49.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 188, 178) }
```

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

```
.background{ background-color: rgb(230,  
188, 178) }
```

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