

Converting Colors

XYZ(58.9992, 57.4919, 49.0617)

Have a look what the booklet for
XYZ(58.9992, 57.4919, 49.0617)
contains.

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Color

**XYZ(58.9992, 57.4919,
49.0617)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C0B0
RGB	229, 192, 176
RGB Percent	90%, 75%, 69%
CMY	0.1020, 0.2470, 0.3098
CMYK	0.00, 0.16, 0.23, 0.10
HSL	18°, 50%, 79%
HSV	18°, 23%, 90%
XYZ	58.9992, 57.4919, 49.0617
YIQ	201.2390, 27.1880, 2.8680

Conversions

Conversions Part 2

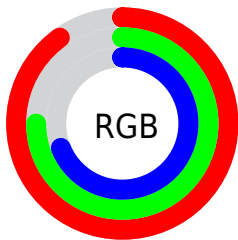
Format	Color
R _Y B	229, 199, 176
Decimal	15057072
CIE Lab	80.46, 10.76, 12.97
CIE LCh	80, 16.857, 50.319
Yxy	57.4919, 0.3564, 0.3473
Android (android.graphics.Color)	4293247152 (0xFFE5C0B0)
YUV	201.2390, -12.4428, 24.3464
Hunter-Lab	75.8234, 6.2022, 14.7127

Details

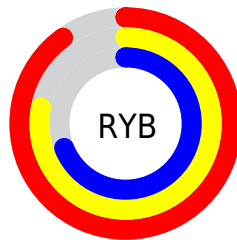
The XYZ color **58.9992, 57.4919, 49.0617** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.8410, 62.4739, 83.2446**, and the grayscale version is **55.7298, 58.6321, 63.8504**.

A 20% lighter version of the original color is **89.3729, 94.2210, 89.8199**, and **30.0414, 28.7795, 22.7105** is the 20% darker color. If you saturate the color by 10%, you get **53.6008, 50.0202, 37.0107**, and if you desaturate by 10%, it is **65.1642, 65.8842, 63.2552**.

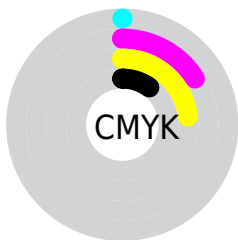
Distribution



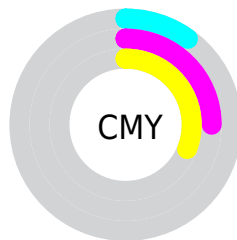
- Red (90%)
- Green (75%)
- Blue (69%)



- Red (90%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9992, 57.4919, 49.0617 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 58.9992, 57.4919, 49.0617 by changing the saturation by 10% instead.


 58.9992, 57.4919,
49.0617

 58.9992, 57.4919,
49.0617


410.7930,
415.2900, 399.6146

 42.8588, 41.4003,
34.3025


 102.4911,
101.1826, 90.1650

 29.9684, 28.6320,
22.8468


130.5734,
129.5505, 117.3462

 19.9626, 18.8026,
14.2762


163.3671,
162.7792, 149.5051

 12.4759, 11.5277,
8.1721

201.2374,
201.2532, 187.0603

 7.1432, 6.4230,
4.1159

244.5498,
245.3569, 230.4303

 3.5989, 3.1039,
1.6891

293.6697,

 1.4778, 1.1862,

295.4747, 280.0337

0.3533

348.9623,
351.9909, 336.2889

■ 0.3107, 0.0504,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9992, 57.4919,
49.0617

■ 58.9992, 57.4919,
49.0617

■ 53.6008, 50.0202,
37.0107

■ 65.1642, 65.8842,
63.2552

■ 48.9331, 43.4293,
26.9937

■ 72.1205, 75.2194,
79.6855

■ 44.9640, 37.6880,
18.8978

■ 79.8975, 85.5292,
98.4452

■ 41.6571, 32.7602,
12.5979

■ 86.1232, 95.3981,
108.4822

■ 38.9723, 28.6068,
7.9536

■ 36.8646, 25.1854,
4.8033

■ 35.2814, 22.4484,
2.9520

■ 34.4507, 20.9331,
2.2247

Harmonies

Analogous

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



61.1175, 57.4919, 56.2186



58.9992, 57.4919, 49.0617



55.7697, 57.4919, 45.6465

Triad

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



58.9992, 57.4919, 49.0617



48.3505, 57.4919, 59.4521



56.9851, 57.4919, 82.2010

Complementary

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



58.9992, 57.4919, 49.0617



55.8410, 62.4739, 83.2446

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.



53.5342, 57.4919, 83.3013



58.9992, 57.4919, 49.0617



48.6451, 57.4919, 69.4446

Square

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



58.9992, 57.4919, 49.0617



49.6868, 57.4919, 51.2140



50.5092, 57.4919, 78.4219



59.9211, 57.4919, 75.5572

Rectangle

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



58.9992, 57.4919, 49.0617



53.4623, 57.4919, 45.6764



50.5092, 57.4919, 78.4219



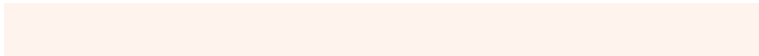
55.8437, 57.4919, 83.2567

Sweetspot

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



59.0007, 57.4945, 49.0629



88.4612, 91.2095, 93.1785



59.8619, 52.5185, 69.9998



18.8179, 19.3665, 19.6685



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.



59.0007, 57.4945, 49.0629



71.7197, 68.4436, 54.5588



65.3253, 70.1436, 51.1711



14.7301, 15.0740, 15.0377



19.7897, 12.1535, 1.3028



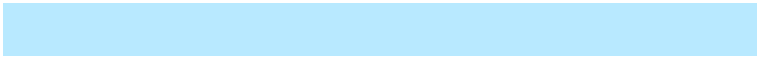
1.5418, 1.0569, 0.1227

Inverse Universe

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



55.8410, 62.4739, 83.2446



66.9848, 75.8877, 105.7251



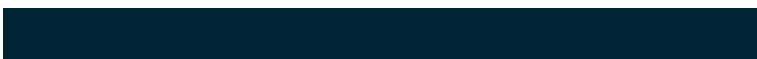
49.7336, 50.2591, 81.2088



14.4208, 15.5631, 18.3882



15.3690, 17.8000, 45.0089



1.2164, 1.4766, 3.3529

Previews

White Background



This preview shows how the XYZ color 58.9992, 57.4919, 49.0617 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 58.9992, 57.4919, 49.0617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

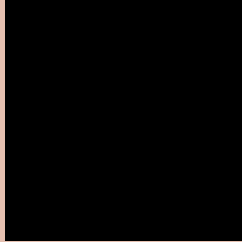
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9992, 57.4919, 49.0617

Background



This preview shows how black text looks on a background with the XYZ color 58.9992, 57.4919, 49.0617.



This preview shows how white text looks on a background with the XYZ color 58.9992, 57.4919,

49.0617.

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

58.9992, 57.4919, 49.0617

Protanopia

54.6741, 57.5520, 51.4070

Deuteranopia

58.6810, 57.3278, 49.0469



Tritanopia

62.0414, 57.4340, 64.3159

Trichromacy



Original Color

58.9992, 57.4919, 49.0617

Protanomaly

56.1955, 57.3335, 50.7525

Deuteranomaly

58.6810, 57.3278, 49.0469

Tritanomaly

60.7782, 57.2344, 58.2961

Monochromacy



Original Color

58.9992, 57.4919, 49.0617

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.5725, 58.0428, 58.0909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9992, 57.4919, 49.0617 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(229, 192, 176)` looks like.

```
.text, #text, p{  
    color:rgb(229, 192, 176)  
}
```

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(229, 192, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 192, 176) }
```

Border

The CSS property to change the border of an element to XYZ 58.9992, 57.4919, 49.0617 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(229, 192, 176) }
```


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

```
.border{ border-color:rgb(229, 192, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 192, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 192, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 192, 176);  
box-shadow:4px 4px 4px 4px rgb(229, 192,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9992, 57.4919, 49.0617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 192, 176) }
```

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

```
.background{ background-color: rgb(229,  
192, 176) }
```

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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