

Converting Colors

XYZ(58.9902, 59.2150, 48.3271)

Have a look what the booklet for
XYZ(58.9902, 59.2150, 48.3271)
contains.

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Color

**XYZ(58.9703, 59.1572,
48.3548)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C5AE
RGB	226, 197, 174
RGB Percent	89%, 77%, 68%
CMY	0.1137, 0.2274, 0.3176
CMYK	0.00, 0.13, 0.23, 0.11
HSL	27°, 47%, 78%
HSV	27°, 23%, 89%
XYZ	58.9703, 59.1572, 48.3548
YIQ	203.0490, 24.6670, -1.0050

Conversions

Conversions Part 2

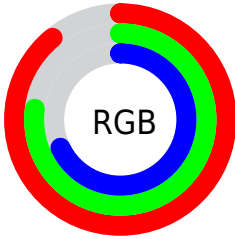
Format	Color
R _Y B	226, 215, 174
Decimal	14861742
CIE Lab	81.38, 6.72, 15.30
CIE LCh	81, 16.713, 66.301
Yxy	59.1572, 0.3542, 0.3553
Android (android.graphics.Color)	4293051822 (0xFFE2C5AE)
YUV	203.0490, -14.3212, 20.1280
Hunter-Lab	76.9137, 2.2582, 16.5646

Details

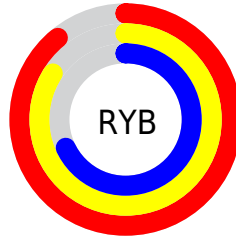
The XYZ color **58.9703, 59.1572, 48.3548** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.5387, 57.2003, 80.2237**, and the grayscale version is **56.8731, 59.8349, 65.1602**.

A 20% lighter version of the original color is **90.9647, 97.8568, 88.9568**, and **29.9129, 29.5961, 22.5484** is the 20% darker color. If you saturate the color by 10%, you get **54.2072, 52.8651, 36.7963**, and if you desaturate by 10%, it is **64.3465, 66.0814, 61.9479**.

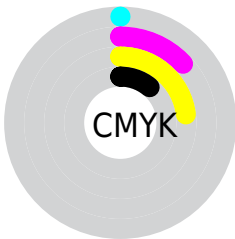
Distribution



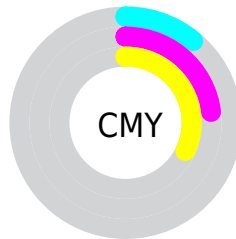
- Red (89%)
- Green (77%)
- Blue (68%)



- Red (89%)
- Yellow (84%)
- Blue (68%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (11%)




- Cyan (11%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9703, 59.1572, 48.3548 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 58.9703, 59.1572, 48.3548 by changing the saturation by 10% instead.


 58.9703, 59.1572,
48.3548

 58.9703, 59.1572,
48.3548


410.6877,
421.4842, 396.7460

 42.8355, 42.7397,
33.7460


 102.4494,
103.6061, 89.1035

 29.9500, 29.6809,
22.4227


130.5243,
132.4063, 116.0804

 19.9485, 19.5965,
13.9666


163.3101,
166.1028, 148.0171

 12.4657, 12.1021,
7.9589

201.1719,
205.0800, 185.3321

 7.1361, 6.8132,
3.9813

244.4753,
249.7224, 228.4439

 3.5945, 3.3456,
1.6151

293.5854,

 1.4754, 1.3147,

300.4143, 277.7711

0.3015

348.8678,
357.5401, 333.7323

■ 0.3090, 0.1525,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9703, 59.1572,
48.3548

■ 58.9703, 59.1572,
48.3548

■ 54.2072, 52.8651,
36.7963

■ 64.3465, 66.0814,
61.9479

■ 50.0283, 47.1780,
27.1692

■ 70.3540, 73.6479,
77.6645

■ 46.4087, 42.0785,
19.3666

■ 77.0159, 81.8766,
95.5930

■ 43.3201, 37.5451,
13.2696

■ 82.8017, 90.1637,
107.6470

■ 40.7310, 33.5547,
8.7450

■ 85.1743, 94.9089,
108.4378

■ 38.6059, 30.0819,
5.6395

■ 36.9027, 27.0984,
3.7680

■ 35.9195, 25.2794,
2.9862

Harmonies

Analogous

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



61.8159, 59.1572, 53.6817



58.9703, 59.1572, 48.3548



55.4932, 59.1572, 47.1214

Triad

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



58.9703, 59.1572, 48.3548



49.8117, 59.1572, 66.5464



60.2981, 59.1572, 81.1922

Complementary

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



58.9703, 59.1572, 48.3548



52.5387, 57.2003, 80.2237

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.



56.9675, 59.1572, 85.4866



58.9703, 59.1572, 48.3548



50.9858, 59.1572, 76.4849

Square

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



58.9703, 59.1572, 48.3548



50.2983, 59.1572, 56.9856



53.5704, 59.1572, 83.6806



62.6045, 59.1572, 72.4574

Rectangle

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



58.9703, 59.1572, 48.3548



53.3032, 59.1572, 48.6603



53.5704, 59.1572, 83.6806



59.2561, 59.1572, 83.2420

Sweetspot

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



58.9719, 59.1599, 48.3560



89.2145, 92.7162, 93.4296



57.3359, 50.7757, 63.5714



18.9921, 19.7150, 19.7266



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.



58.9719, 59.1599, 48.3560



74.1978, 73.3999, 55.3848



65.2678, 71.7517, 50.4547



14.2038, 14.6935, 14.3943



20.6061, 14.6501, 1.7417



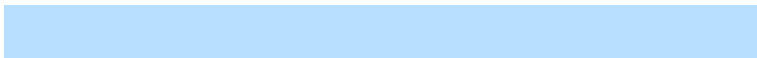
1.5165, 1.1918, 0.1501

Inverse Universe

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



52.5387, 57.2003, 80.2237



64.2197, 70.3576, 104.8034



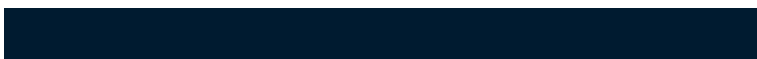
46.9982, 46.1194, 78.3769



13.5827, 14.5046, 17.4715



12.2097, 11.8889, 42.6996



0.9351, 1.0017, 2.9893

Previews

White Background



This preview shows how the XYZ color 58.9703, 59.1572, 48.3548 looks on a white background.

Color Contrast Check

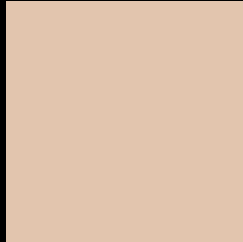
Large Text (above 18pt) WCAG AA × Fail

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 58.9703, 59.1572, 48.3548 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 58.9703, 59.1572, 48.3548

Background



This preview shows how black text looks on a background with the XYZ color 58.9703, 59.1572, 48.3548.



This preview shows how white text looks on a background with the XYZ color 58.9703, 59.1572,

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

58.9703, 59.1572, 48.3548

Protanopia

56.1084, 59.3727, 49.5771

Deuteranopia

60.4338, 59.2420, 48.2940



Tritanopia

62.7452, 59.0273, 67.1179

Trichromacy



Original Color

58.9703, 59.1572, 48.3548

Protanomaly

57.0074, 59.1554, 48.9710

Deuteranomaly

60.0130, 59.3588, 48.3388

Tritanomaly

61.4552, 59.1817, 59.8139

Monochromacy



Original Color

58.9703, 59.1572, 48.3548

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.2650, 59.4279, 58.3217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9703, 59.1572, 48.3548 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(226, 197, 174)` looks like.

```
.text, #text, p{  
    color:rgb(226, 197, 174)  
}
```

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(226, 197, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 197, 174) }
```

Border

The CSS property to change the border of an element to XYZ 58.9703, 59.1572, 48.3548 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(226, 197, 174) }
```


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

```
.border{ border-color:rgb(226, 197, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 197, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 197, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 197, 174);  
box-shadow:4px 4px 4px 4px rgb(226, 197,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9703, 59.1572, 48.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 197, 174) }
```

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

```
.background{ background-color: rgb(226,  
197, 174) }
```

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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