

Converting Colors

XYZ(58.0856, 57.2152, 48.9220)

Have a look what the booklet for
XYZ(58.0856, 57.2152, 48.9220)
contains.

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Color

**XYZ(58.2705, 57.4433,
49.0908)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C1B0
RGB	226, 193, 176
RGB Percent	89%, 76%, 69%
CMY	0.1137, 0.2431, 0.3098
CMYK	0.00, 0.15, 0.22, 0.11
HSL	20°, 46%, 79%
HSV	20°, 22%, 89%
XYZ	58.2705, 57.4433, 49.0908
YIQ	200.9290, 25.1250, 1.7090

Conversions

Conversions Part 2

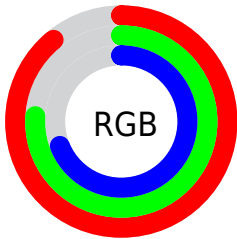
Format	Color
R _Y B	226, 202, 176
Decimal	14860720
CIE Lab	80.43, 9.12, 12.90
CIE LCh	80, 15.794, 54.741
Yxy	57.4433, 0.3536, 0.3486
Android (android.graphics.Color)	4293050800 (0xFFE2C1B0)
YUV	200.9290, -12.2900, 21.9873
Hunter-Lab	75.7914, 4.6009, 14.6512

Details

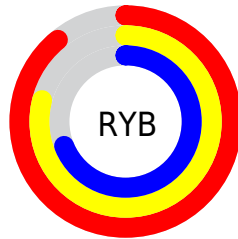
The XYZ color **58.2705, 57.4433, 49.0908** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.4320, 60.3205, 80.7260**, and the grayscale version is **55.5375, 58.4298, 63.6300**.

A 20% lighter version of the original color is **89.6812, 94.8376, 89.9227**, and **29.3853, 28.4413, 22.6798** is the 20% darker color. If you saturate the color by 10%, you get **53.0858, 50.3593, 37.2335**, and if you desaturate by 10%, it is **64.1631, 65.3465, 63.0220**.

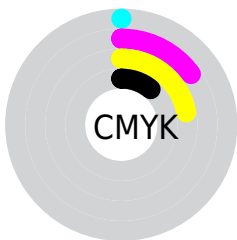
Distribution



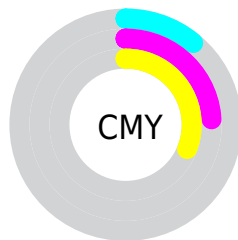
- Red (89%)
- Green (76%)
- Blue (69%)



- Red (89%)
- Yellow (79%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2705, 57.4433, 49.0908 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 58.2705, 57.4433, 49.0908 by changing the saturation by 10% instead.


 58.2705, 57.4433,
49.0908

 58.2705, 57.4433,
49.0908


408.1308,
415.1083, 399.7324

 42.2703, 41.3613,
34.3254


 101.4374,
101.1117, 90.2087

 29.5050, 28.6015,
22.8643


129.3347,
129.4669, 117.3982

 19.6094, 18.7796,
14.2890


161.9285,
162.6819, 149.5663

 12.2180, 11.5111,
8.1809

199.5840,
201.1412, 187.1313

 6.9656, 6.4117,
4.1215

242.6666,
245.2290, 230.5119

 3.4867, 3.0970,
1.6922

291.5417,

 1.4161, 1.1826,

295.3299, 280.1266

0.3554

346.5746,
351.8282, 336.3939

■ 0.2676, 0.0474,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2705, 57.4433,
49.0908

■ 58.2705, 57.4433,
49.0908

■ 53.0858, 50.3593,
37.2335

■ 64.1631, 65.3465,
63.0220

■ 48.5762, 44.0596,
27.3464

■ 70.7855, 74.0866,
79.1169

■ 44.7130, 38.5184,
19.3218

■ 78.1644, 83.6907,
97.4644

■ 41.4634, 33.7052,
13.0405

■ 84.4328, 93.4260,
108.1907

■ 38.7913, 29.5874,
8.3692

■ 85.1742, 94.9088,
108.4378

■ 36.6563, 26.1293,
5.1549

■ 35.0116, 23.2915,
3.2142

■ 34.0083, 21.4571,
2.3492

Harmonies

Analogous

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



60.4482, 57.4433, 55.3786



58.2705, 57.4433, 49.0908



55.1706, 57.4433, 46.4221

Triad

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



58.2705, 57.4433, 49.0908



48.6319, 57.4433, 60.9263



57.2446, 57.4433, 80.1718

Complementary

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



58.2705, 57.4433, 49.0908



54.4320, 60.3205, 80.7260

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.



54.0296, 57.4433, 82.0281



58.2705, 57.4433, 49.0908



49.1383, 57.4433, 70.3065

Square

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



58.2705, 57.4433, 49.0908



49.6720, 57.4433, 52.8100



51.0834, 57.4433, 78.2592



59.8396, 57.4433, 73.4106

Rectangle

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



58.2705, 57.4433, 49.0908



53.0297, 57.4433, 46.8428



51.0834, 57.4433, 78.2592



56.1972, 57.4433, 81.4166

Sweetspot

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



58.2720, 57.4459, 49.0920



88.6646, 91.6165, 93.2463



58.4399, 51.8401, 67.4648



18.8649, 19.4606, 19.6842



0.0000, 0.0000, 0.0000



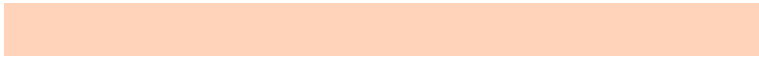
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.2720, 57.4459, 49.0920



73.0582, 70.6903, 56.3320



64.1861, 69.2740, 51.0633



14.0864, 14.4587, 14.3552



19.5006, 12.4391, 1.3732



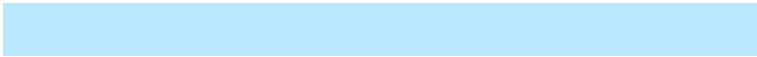
1.4327, 1.0243, 0.1222

Inverse Universe

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



54.4320, 60.3205, 80.7260



67.0761, 75.1577, 105.5793



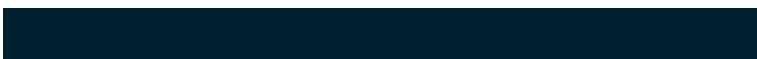
48.8425, 49.1415, 78.8629



13.7035, 14.7462, 17.5117



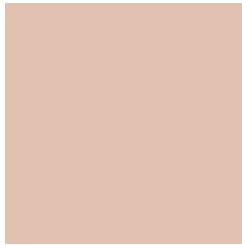
14.0898, 15.6491, 43.3263



1.0586, 1.2487, 3.0305

Previews

White Background



This preview shows how the XYZ color 58.2705, 57.4433, 49.0908 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 58.2705, 57.4433, 49.0908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

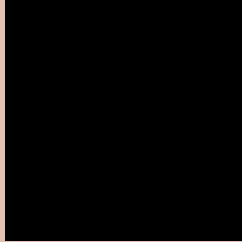
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2705, 57.4433, 49.0908

Background



This preview shows how black text looks on a background with the XYZ color 58.2705, 57.4433, 49.0908.



This preview shows how white text looks on a background with the XYZ color 58.2705, 57.4433,

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

58.2705, 57.4433, 49.0908

Protanopia

54.5725, 57.5114, 50.8724

Deuteranopia

58.6810, 57.3278, 49.0469



Tritanopia

61.4098, 57.4128, 64.9719

Trichromacy



Original Color

58.2705, 57.4433, 49.0908

Protanomaly

56.0265, 57.5939, 50.2833

Deuteranomaly

58.3647, 57.1648, 49.0320

Tritanomaly

60.1460, 57.2159, 58.9127

Monochromacy



Original Color

58.2705, 57.4433, 49.0908

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.2869, 57.8956, 58.0775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2705, 57.4433, 49.0908 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, 193, 176)` looks like.

```
.text, #text, p{  
    color:rgb(226, 193, 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(226, 193, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 193, 176) }
```

Border

The CSS property to change the border of an element to XYZ 58.2705, 57.4433, 49.0908 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, 193, 176) }
```


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

```
.border{ border-color:rgb(226, 193, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 193, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 193, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 193, 176); box-shadow:4px 4px 4px 4px rgb(226, 193, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2705, 57.4433, 49.0908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 193, 176) }
```

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

```
.background{ background-color: rgb(226,  
193, 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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