

Converting Colors

XYZ(58.5134, 57.2976, 46.5036)

Have a look what the booklet for
XYZ(58.5134, 57.2976, 46.5036)
contains.

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Color

**XYZ(58.5134, 57.2976,
46.5036)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C0AB
RGB	229, 192, 171
RGB Percent	90%, 75%, 67%
CMY	0.1020, 0.2470, 0.3294
CMYK	0.00, 0.16, 0.25, 0.10
HSL	22°, 53%, 78%
HSV	22°, 25%, 90%
XYZ	58.5134, 57.2976, 46.5036
YIQ	200.6690, 28.7930, 1.3130

Conversions

Conversions Part 2

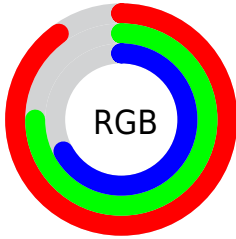
Format	Color
R _Y B	229, 204, 171
Decimal	15057067
CIE Lab	80.35, 10.06, 15.50
CIE LCh	80, 18.476, 57.017
Yxy	57.2976, 0.3605, 0.3530
Android (android.graphics.Color)	4293247147 (0xFFE5C0AB)
YUV	200.6690, -14.6268, 24.8463
Hunter-Lab	75.6952, 5.5164, 16.5616

Details

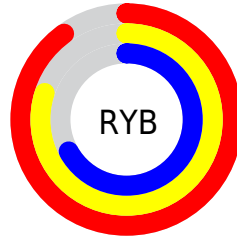
The XYZ color **58.5134, 57.2976, 46.5036** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.4927, 59.4250, 82.7797**, and the grayscale version is **55.3889, 58.2734, 63.4598**.

A 20% lighter version of the original color is **88.5349, 93.8858, 85.4070**, and **29.7960, 28.6814, 21.4184** is the 20% darker color. If you saturate the color by 10%, you get **53.4676, 50.4016, 34.9695**, and if you desaturate by 10%, it is **64.2588, 64.9868, 60.1379**.

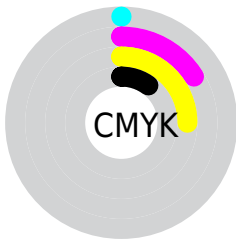
Distribution



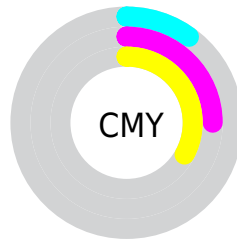
- Red (90%)
- Green (75%)
- Blue (67%)



- Red (90%)
- Yellow (80%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5134, 57.2976, 46.5036 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 58.5134, 57.2976, 46.5036 by changing the saturation by 10% instead.


 58.5134, 57.2976,
46.5036

 58.5134, 57.2976,
46.5036


409.0194,
414.5635, 389.1659

 42.4664, 41.2442,
32.2919


 101.7888,
100.8993, 86.3144

 29.6594, 28.5100,
21.3179


129.7479,
129.2164, 112.7505

 19.7270, 18.7104,
13.1631


162.4084,
162.3902, 144.0985

 12.3038, 11.4612,
7.4089

200.1356,
200.8051, 180.7770

 7.0246, 6.3780,
3.6368

243.2950,
244.8455, 223.2044

 3.5240, 3.0762,
1.4283

292.2518,

 1.4365, 1.1717,

294.8958, 271.7993

0.1636

347.3715,
351.3403, 326.9803

■ 0.2820, 0.0384,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5134, 57.2976,
46.5036

■ 58.5134, 57.2976,
46.5036

■ 53.4676, 50.4016,
34.9695

■ 64.2588, 64.9868,
60.1379

■ 49.0881, 44.2646,
25.4263

■ 70.7261, 73.4863,
75.9670

■ 45.3455, 38.8615,
17.7599

■ 77.9424, 82.8224,
94.0841

■ 42.2061, 34.1625,
11.8435

■ 84.6834, 92.5185,
108.0023

■ 39.6328, 30.1355,
7.5339

■ 86.1232, 95.3981,
108.4822

■ 37.5834, 26.7456,
4.6650

■ 36.0077, 23.9532,
3.0332

■ 35.4013, 22.8343,
2.5416

Harmonies

Analogous

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



61.1954, 57.2976, 53.4007



58.5134, 57.2976, 46.5036



54.8388, 57.2976, 43.8218

Triad

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



58.5134, 57.2976, 46.5036



47.5184, 57.2976, 61.3102



57.8287, 57.2976, 82.8315

Complementary

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



58.5134, 57.2976, 46.5036



53.4927, 59.4250, 82.7797

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.



54.0822, 57.2976, 85.5713



58.5134, 57.2976, 46.5036



48.2373, 57.2976, 72.3295

Square

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



58.5134, 57.2976, 46.5036



48.5870, 57.2976, 51.7268



50.5976, 57.2976, 81.5296



60.7874, 57.2976, 74.4204

Rectangle

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



58.5134, 57.2976, 46.5036



52.3600, 57.2976, 44.5234



50.5976, 57.2976, 81.5296



56.6147, 57.2976, 84.4857

Sweetspot

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



58.5149, 57.3002, 46.5048



87.9262, 90.7321, 91.1735



58.3479, 50.3731, 66.7752



18.5478, 19.0639, 18.8464



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.



58.5149, 57.3002, 46.5048



71.4468, 68.7357, 51.8848



65.3361, 70.9426, 48.7785



14.8021, 15.2181, 15.0617



20.3450, 13.2641, 1.4879



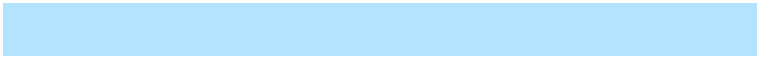
1.5892, 1.1518, 0.1386

Inverse Universe

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



53.4927, 59.4250, 82.7797



64.0750, 71.8441, 105.0979



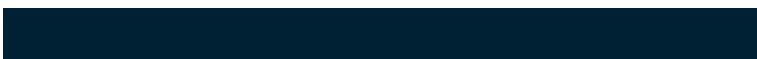
47.1988, 46.8373, 80.6818



14.3455, 15.4125, 18.3631



14.0873, 15.2366, 44.5817



1.1284, 1.3008, 3.3236

Previews

White Background



This preview shows how the XYZ color 58.5134, 57.2976, 46.5036 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 58.5134, 57.2976, 46.5036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

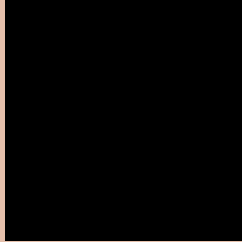
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5134, 57.2976, 46.5036

Background



This preview shows how black text looks on a background with the XYZ color 58.5134, 57.2976, 46.5036.



This preview shows how white text looks on a background with the XYZ color 58.5134, 57.2976,

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

58.5134, 57.2976, 46.5036

Protanopia

54.4558, 57.4973, 48.7854

Deuteranopia

58.5134, 57.2976, 46.5036



Tritanopia

62.0353, 57.1286, 63.6344

Trichromacy



Original Color

58.5134, 57.2976, 46.5036

Protanomaly

55.6988, 57.1348, 48.1369

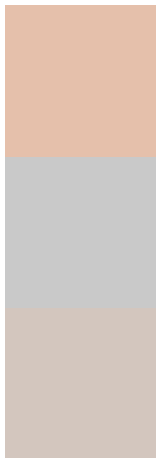
Deuteranomaly

58.5134, 57.2976, 46.5036

Tritanomaly

60.8803, 57.3126, 57.1439

Monochromacy



Original Color

58.5134, 57.2976, 46.5036

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.3523, 57.9548, 56.9315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5134, 57.2976, 46.5036 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(229, 192, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 192, 171) }
```

Border

The CSS property to change the border of an element to XYZ 58.5134, 57.2976, 46.5036 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, 171) }
```


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

```
.border{ border-color:rgb(229, 192, 171) }
```

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, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 192, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 192, 171);  
box-shadow:4px 4px 4px 4px rgb(229, 192,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5134, 57.2976, 46.5036 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, 171) }
```

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

```
.background{ background-color: rgb(229,  
192, 171) }
```

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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