

# Converting Colors

XYZ(58.8717, 57.6051, 52.1471)

Have a look what the booklet for  
XYZ(58.8717, 57.6051, 52.1471)  
contains.

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# Color

**XYZ(58.8775, 57.6861,  
52.2873)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E2C1B6
RGB	226, 193, 182
RGB Percent	89%, 76%, 71%
CMY	0.1137, 0.2431, 0.2863
CMYK	0.00, 0.15, 0.19, 0.11
HSL	15°, 43%, 80%
HSV	15°, 19%, 89%
XYZ	58.8775, 57.6861, 52.2873
YIQ	201.6130, 23.1990, 3.5750

# Conversions

## Conversions Part 2

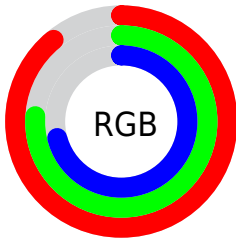
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 197, 182
Decimal	14860726
CIE Lab	80.56, 10.00, 9.87
CIE LCh	81, 14.053, 44.622
Yxy	57.6861, 0.3487, 0.3416
Android (android.graphics.Color)	4293050806 (0xFFE2C1B6)
YUV	201.6130, -9.6692, 21.3874
Hunter-Lab	75.9514, 5.4583, 12.3489

# Details

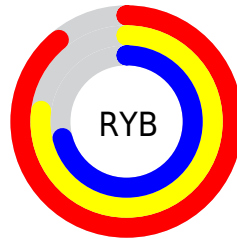
The XYZ color **58.8775, 57.6861, 52.2873** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.3188, 64.0353, 81.2910**, and the grayscale version is **55.9474, 58.8611, 64.0997**.

A 20% lighter version of the original color is **90.5483, 95.1844, 94.4889**, and **29.7726, 28.5963, 24.7193** is the 20% darker color. If you saturate the color by 10%, you get **53.1938, 49.7594, 39.7847**, and if you desaturate by 10%, it is **65.3707, 66.6276, 66.9207**.

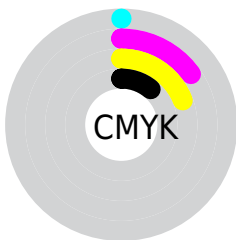
# Distribution



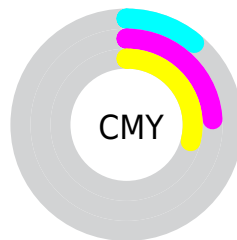
- Red (89%)
- Green (76%)
- Blue (71%)



- Red (89%)
- Yellow (77%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8775, 57.6861, 52.2873 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 58.8775, 57.6861, 52.2873 by changing the saturation by 10% instead.





 58.8775, 57.6861,  
52.2873

 58.8775, 57.6861,  
52.2873


410.3492,  
416.0153, 412.5332

 42.7605, 41.5563,  
36.8503


 102.3152,  
101.4656, 94.9857

 29.8910, 28.7541,  
24.7967


130.3667,  
129.8841, 123.0842

 19.9035, 18.8948,  
15.7080

163.1270,  
163.1677, 156.2403

 12.4328, 11.5943,  
9.1657

200.9616,  
201.7008, 194.8724

 7.1134, 6.4681,  
4.7511

244.2357,  
245.8676, 239.3993

 3.5801, 3.1317,  
2.0458

293.3148,

 1.4674, 1.2009,

296.0528, 290.2393

0.5832

348.5642,  
352.6405, 347.8111

■ 0.3035, 0.0624,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 58.8775, 57.6861,  
52.2873

■ 58.8775, 57.6861,  
52.2873

■ 53.1938, 49.7594,  
39.7847

■ 65.3707, 66.6276,  
66.9207

■ 48.2824, 42.8034,  
29.3094

■ 72.6992, 76.6102,  
83.7745

■ 44.1101, 36.7827,  
20.7546

■ 80.8937, 87.6690,  
102.9377

■ 40.6394, 31.6562,  
14.0024

■ 85.1742, 94.9088,  
108.4378

■ 37.8292, 27.3800,  
8.9215

■ 35.6337, 23.9061,  
5.3626

■ 34.0007, 21.1812,  
3.1497

■ 32.8549, 19.1398,  
1.9972

■ 32.8039, 19.0481,  
1.9477

# Harmonies

## Analogous

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



60.3802, 57.6861, 58.8801



58.8775, 57.6861, 52.2873



56.3149, 57.6861, 48.6887

# Triad

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



58.8775, 57.6861, 52.2873



49.6465, 57.6861, 58.6863



56.2429, 57.6861, 79.4917

# Complementary

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



58.8775, 57.6861, 52.2873



57.3188, 64.0353, 81.2910

# 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.



53.3693, 57.6861, 79.4283



58.8775, 57.6861, 52.2873



49.6288, 57.6861, 66.9118

# Square

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



58.8775, 57.6861, 52.2873



51.0196, 57.6861, 52.1562



50.9703, 57.6861, 74.6583



58.8232, 57.6861, 74.8247



# Rectangle

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



58.8775, 57.6861, 52.2873



54.3826, 57.6861, 48.2532



50.9703, 57.6861, 74.6583



55.2777, 57.6861, 80.0352

# Sweetspot

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



58.8791, 57.6887, 52.2885



89.1320, 91.9502, 95.2550



60.3583, 54.5317, 71.6350



18.9453, 19.5001, 20.0846



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.



58.8791, 57.6887, 52.2885



74.5425, 71.8591, 62.3751



64.1085, 68.1476, 54.0317



13.9844, 14.2547, 14.3212



18.7941, 11.0260, 1.1377



1.3732, 0.9052, 0.1023

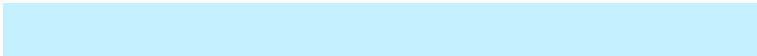


# Inverse Universe

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



57.3188, 64.0353, 81.2910



72.1639, 81.5184, 106.5389



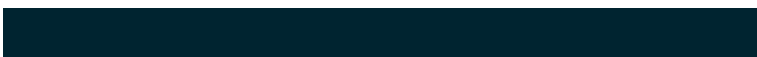
52.0895, 53.5767, 79.5479



13.8111, 14.9614, 17.5476



16.0753, 19.6202, 43.9882



1.1838, 1.4991, 3.0722



# Previews

## White Background



This preview shows how the XYZ color 58.8775, 57.6861, 52.2873 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 58.8775, 57.6861, 52.2873 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

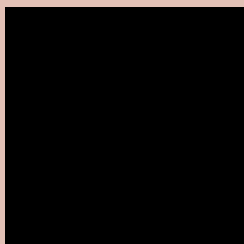
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 58.8775, 57.6861, 52.2873**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.8775, 57.6861, 52.2873.



This preview shows how white text looks on a background with the XYZ color 58.8775, 57.6861,



# 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

58.8775, 57.6861, 52.2873

### Protanopia

54.9125, 57.6150, 54.1256

### Deuteranopia

58.8775, 57.6861, 52.2873



## Tritanopia

61.6256, 57.8446, 65.0438

# Trichromacy



## Original Color

58.8775, 57.6861, 52.2873

## Protanomaly

56.3495, 57.6893, 53.5126

## Deuteranomaly

58.8775, 57.6861, 52.2873

## Tritanomaly

60.5895, 57.7411, 60.1763

# Monochromacy



## Original Color

58.8775, 57.6861, 52.2873

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

57.1377, 58.6359, 59.9361

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.8775, 57.6861, 52.2873 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 193, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 193, 182) }
```

## Border

The CSS property to change the border of an element to XYZ 58.8775, 57.6861, 52.2873 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, 182) }
```



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

```
.border{ border-color:rgb(226, 193, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 193, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 193, 182);  
box-shadow:4px 4px 4px 4px rgb(226, 193,  
182) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.8775, 57.6861, 52.2873 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, 182) }
```

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

```
.background{ background-color: rgb(226,  
193, 182) }
```

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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