

# Converting Colors

XYZ(58.7260, 61.1789, 60.8767)

Have a look what the booklet for  
XYZ(58.7260, 61.1789, 60.8767)  
contains.

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# Color

**XYZ(58.7080, 61.1683,  
60.9370)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D4CCC4
RGB	212, 204, 196
RGB Percent	83%, 80%, 77%
CMY	0.1686, 0.2000, 0.2314
CMYK	0.00, 0.04, 0.08, 0.17
HSL	30°, 16%, 80%
HSV	30°, 8%, 83%
XYZ	58.7080, 61.1683, 60.9370
YIQ	205.4800, 7.3360, -0.7920

# Conversions

## Conversions Part 2

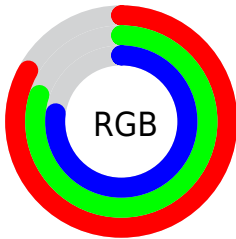
Format	Color
R <sub>Y</sub> B	212, 212, 196
Decimal	13946052
CIE Lab	82.47, 1.38, 4.96
CIE LCh	82, 5.146, 74.431
Yxy	61.1683, 0.3247, 0.3383
Android (android.graphics.Color)	4292136132 (0xFFD4CCC4)
YUV	205.4800, -4.6736, 5.7180
Hunter-Lab	78.2102, -2.8778, 8.5517

# Details

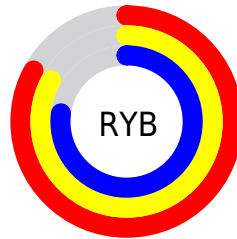
The XYZ color **58.7080, 61.1683, 60.9370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2413, 59.6738, 70.8419**, and the grayscale version is **58.3610, 61.4003, 66.8650**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **29.6935, 30.9338, 29.9970** is the 20% darker color. If you saturate the color by 10%, you get **54.0308, 55.4062, 48.3020**, and if you desaturate by 10%, it is **63.9009, 67.4148, 75.4276**.

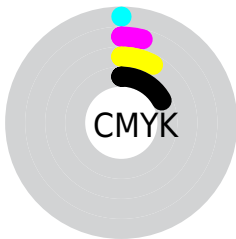
# Distribution



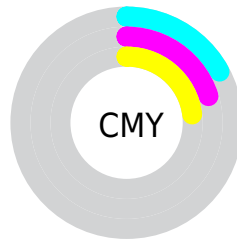
- Red (83%)
- Green (80%)
- Blue (77%)



- Red (83%)
- Yellow (83%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7080, 61.1683, 60.9370 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 58.7080, 61.1683, 60.9370 by changing the saturation by 10% instead.



■ 58.7080, 61.1683,  
60.9370

■ 58.7080, 61.1683,  
60.9370

409.7304,  
428.8908, 445.9431

■ 42.6236, 44.3610,  
43.7441

102.0702,  
106.5226, 107.7444

■ 29.7831, 30.9544,  
30.1337

130.0787,  
135.8384, 138.1959

■ 19.8213, 20.5641,  
19.6872

162.7926,  
170.0924, 173.9040

■ 12.3727, 12.8058,  
11.9860

200.5772,  
209.6692, 215.2874

■ 7.0720, 7.2949,  
6.6117

243.7980,  
254.9530, 262.7644

■ 3.5539, 3.6472,  
3.1458

292.8202,

■ 1.4530, 1.4783,

306.3283, 316.7537

1.1695

348.0092,  
364.1794, 377.6737

■ 0.2935, 0.2733,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 58.7080, 61.1683,  
60.9370

■ 58.7080, 61.1683,  
60.9370

■ 54.0308, 55.4062,  
48.3020

■ 63.9009, 67.4148,  
75.4276

■ 49.8467, 50.1081,  
37.4427

■ 69.6212, 74.1496,  
91.8416

■ 46.1386, 45.2634,  
28.2790

■ 75.1364, 81.0868,  
106.2989

■ 42.8866, 40.8586,  
20.7232

■ 78.2743, 87.3625,  
107.3449

■ 40.0688, 36.8788,  
14.6796

■ 80.9616, 92.7372,  
108.2407

■ 37.6617, 33.3085,  
10.0421

■ 35.6386, 30.1307,  
6.6908

■ 33.9689, 27.3263,  
4.4851

■ 32.6118, 24.8720,  
3.2313

# Harmonies

## Analogous

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



59.6617, 61.1683, 62.4519



58.7080, 61.1683, 60.9370



57.6133, 61.1683, 60.9077

# Triad

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



58.7080, 61.1683, 60.9370



56.1148, 61.1683, 68.1225



59.6315, 61.1683, 71.0205

# Complementary

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



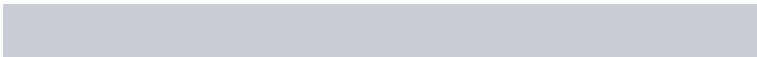
58.7080, 61.1683, 60.9370



56.2413, 59.6738, 70.8419

# 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.



58.6672, 61.1683, 72.6404



58.7080, 61.1683, 60.9370



56.6417, 61.1683, 70.9318

# Square

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



58.7080, 61.1683, 60.9370



56.1254, 61.1683, 64.9897



57.5730, 61.1683, 72.6074



60.1994, 61.1683, 68.2405



# Rectangle

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



58.7080, 61.1683, 60.9370



56.9512, 61.1683, 61.7309



57.5730, 61.1683, 72.6074



59.3424, 61.1683, 71.7226

# Sweetspot

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



58.7097, 61.1710, 60.9383



93.4319, 98.0605, 104.3635



57.7911, 57.8374, 65.2453



20.0153, 21.0094, 22.3856



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

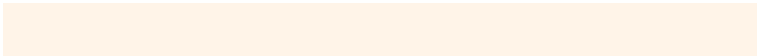


# Same Dimension

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



58.7097, 61.1710, 60.9383



88.0223, 91.5084, 89.4048



60.6593, 65.0701, 61.5882



12.9314, 13.4370, 13.0727



20.0474, 15.2121, 1.8796



1.2919, 1.0831, 0.1410

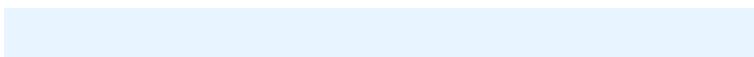


# Inverse Universe

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



56.2413, 59.6738, 70.8419



83.5511, 88.7966, 107.3436



54.3894, 55.9700, 70.2246



12.2502, 13.0238, 15.8057



10.6150, 9.4918, 39.7258

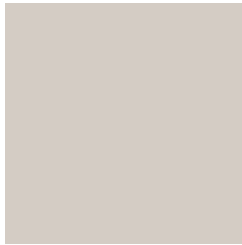


0.7230, 0.7381, 2.4237



# Previews

## White Background



This preview shows how the XYZ color 58.7080, 61.1683, 60.9370 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

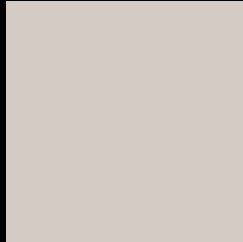
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.7080, 61.1683, 60.9370 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

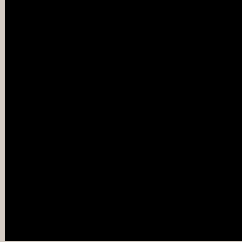
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

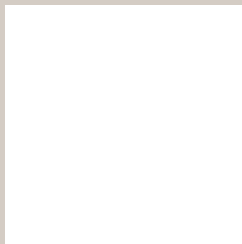
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 58.7080, 61.1683, 60.9370

## Background



This preview shows how black text looks on a background with the XYZ color 58.7080, 61.1683, 60.9370.



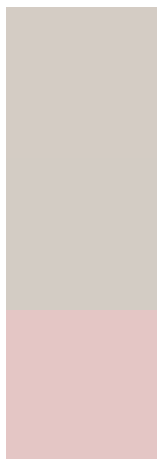
This preview shows how white text looks on a background with the XYZ color 58.7080, 61.1683,



# 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

58.7080, 61.1683, 60.9370

### Protanopia

58.4206, 61.0201, 60.9235

### Deuteranopia

62.2670, 60.9134, 61.2990



## Tritanopia

61.4354, 61.2301, 74.2262

# Trichromacy



## Original Color

58.7080, 61.1683, 60.9370

## Protanomaly

58.4206, 61.0201, 60.9235

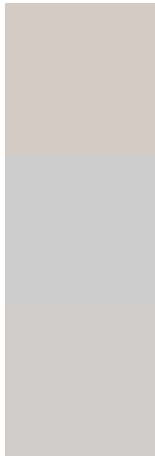
## Deuteranomaly

60.8565, 60.8694, 61.3648

## Tritanomaly

60.3607, 61.1407, 68.9416

# Monochromacy



## Original Color

58.7080, 61.1683, 60.9370

## Achromatopsia

58.0276, 61.0496, 66.4830

## Achromatomaly

58.5044, 61.3368, 64.6328

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.7080, 61.1683, 60.9370 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(212, 204, 196) looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 196)  
}
```

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(212, 204, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 196) }
```

## Border

The CSS property to change the border of an element to XYZ 58.7080, 61.1683, 60.9370 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(212, 204, 196) }
```



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

```
.border{ border-color:rgb(212, 204, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 204, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 204, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 204, 196);  
box-shadow:4px 4px 4px 4px rgb(212, 204,  
196) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.7080, 61.1683, 60.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 196) }
```

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

```
.background{ background-color: rgb(212,  
204, 196) }
```

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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