

Converting Colors

XYZ(58.7329, 61.7470, 66.4931)

Have a look what the booklet for
XYZ(58.7329, 61.7470, 66.4931)
contains.

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Color

**XYZ(58.8229, 61.8158,
66.5889)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCECD
RGB	207, 206, 205
RGB Percent	81%, 81%, 80%
CMY	0.1882, 0.1921, 0.1961
CMYK	0.00, 0.00, 0.01, 0.19
HSL	30°, 2%, 81%
HSV	30°, 1%, 81%
XYZ	58.8229, 61.8158, 66.5889
YIQ	206.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

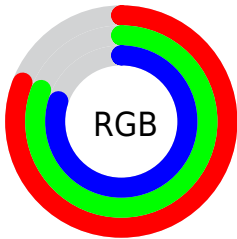
Format	Color
R _Y B	207, 207, 205
Decimal	13618893
CIE Lab	82.82, 0.17, 0.61
CIE LCh	83, 0.630, 74.704
Yxy	61.8158, 0.3142, 0.3302
Android (android.graphics.Color)	4291808973 (0xFFCFCECD)
YUV	206.1850, -0.5842, 0.7148
Hunter-Lab	78.6230, -4.0431, 4.8211

Details

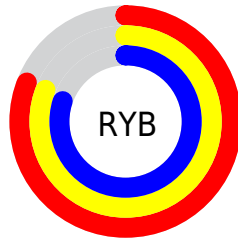
The XYZ color **58.8229, 61.8158, 66.5889** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5107, 61.6260, 67.8436**, and the grayscale version is **58.7894, 61.8510, 67.3558**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9510, 31.4631, 33.7726** is the 20% darker color. If you saturate the color by 10%, you get **54.0864, 56.0799, 53.4870**, and if you desaturate by 10%, it is **64.0565, 68.0151, 81.4890**.

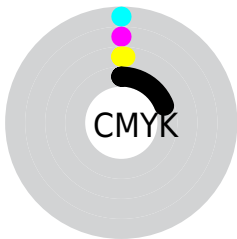
Distribution



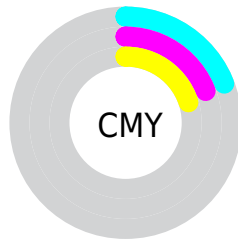
- Red (81%)
- Green (81%)
- Blue (80%)



- Red (81%)
- Yellow (81%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8229, 61.8158, 66.5889 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 58.8229, 61.8158, 66.5889 by changing the saturation by 10% instead.

■ 58.8229, 61.8158,
66.5889

■ 58.8229, 61.8158,
66.5889

410.1499,
431.2589, 466.9416

■ 42.7164, 44.8839,
48.2911

102.2363,
107.4593, 115.9662

■ 29.8562, 31.3660,
33.6959

130.2739,
136.9396, 147.8828

■ 19.8770, 20.8777,
22.3846

163.0193,
171.3715, 185.1761

■ 12.4134, 13.0346,
13.9387

200.8378,
211.1394, 228.2646

■ 7.1001, 7.4524,
7.9398

244.0948,
256.6277, 277.5668

■ 3.5717, 3.7466,
3.9692

293.1555,

■ 1.4628, 1.5328,

308.2208, 333.5014

1.6085

348.3854,
366.3031, 396.4868

■ 0.3003, 0.3117,
0.2969

■ 0.0000, 0.0000,
0.0000

■ 58.8229, 61.8158,
66.5889

■ 58.8229, 61.8158,
66.5889

■ 54.0864, 56.0799,
53.4870

■ 64.0565, 68.0151,
81.4890

■ 49.8257, 50.7881,
42.1104

■ 69.7971, 74.6808,
98.2485

■ 46.0257, 45.9313,
32.3871

■ 74.0506, 81.0218,
106.3436

■ 42.6684, 41.4968,
24.2385

■ 77.1221, 87.1647,
107.3675

■ 39.7344, 37.4715,
17.5794

■ 79.5425, 92.0056,
108.1743

■ 37.2026, 33.8415,
12.3167

■ 35.0501, 30.5915,
8.3463

■ 33.2505, 27.7050,
5.5495

■ 31.7735, 25.1636,
3.7852

Harmonies

Analogous

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



58.9396, 61.8158, 66.7828



58.8229, 61.8158, 66.5889



58.6879, 61.8158, 66.5869

Triad

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



58.8229, 61.8158, 66.5889



58.5021, 61.8158, 67.4967



58.9377, 61.8158, 67.8392

Complementary

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



58.8229, 61.8158, 66.5889



58.5107, 61.6260, 67.8436

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.



58.8203, 61.8158, 68.0320



58.8229, 61.8158, 66.5889



58.5689, 61.8158, 67.8338

Square

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



58.8229, 61.8158, 66.5889



58.5028, 61.8158, 67.1100



58.6853, 61.8158, 68.0300



59.0060, 61.8158, 67.5042

Rectangle

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



58.8229, 61.8158, 66.5889



58.6057, 61.8158, 66.6946



58.6853, 61.8158, 68.0300



58.9027, 61.8158, 67.9229

Sweetspot

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



58.8246, 61.8185, 66.5902

95.0500, 100.0000, 108.9000



58.7049, 61.3852, 67.1479



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



58.8246, 61.8185, 66.5902



94.2381, 99.0289, 106.6174



59.0653, 62.2998, 66.6705



13.1998, 13.8720, 14.9470



19.4178, 14.7686, 1.8272



1.1651, 0.9845, 0.1286

Inverse Universe

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



58.5107, 61.6260, 67.8436



93.7112, 98.7059, 108.7208



58.2715, 61.1477, 67.7639



13.1312, 13.8299, 15.2210



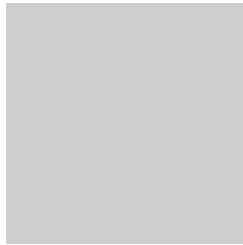
10.2545, 9.1557, 38.4192



0.6527, 0.6706, 2.1746

Previews

White Background



This preview shows how the XYZ color 58.8229, 61.8158, 66.5889 looks on a white background.

Color Contrast Check

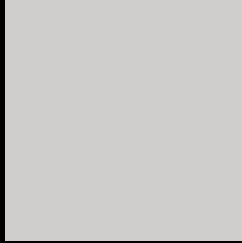
Large Text (above 18pt) WCAG AA × Fail

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 58.8229, 61.8158, 66.5889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

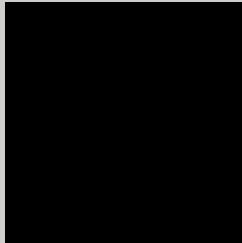
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

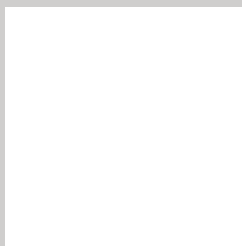
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8229, 61.8158, 66.5889

Background



This preview shows how black text looks on a background with the XYZ color 58.8229, 61.8158, 66.5889.

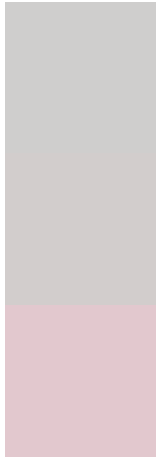


This preview shows how white text looks on a background with the XYZ color 58.8229, 61.8158,

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

58.8229, 61.8158, 66.5889

Protanopia

59.3087, 61.7239, 65.9147

Deuteranopia

63.1589, 61.9335, 67.0181



Tritanopia

60.8056, 61.9083, 76.4549

Trichromacy



Original Color

58.8229, 61.8158, 66.5889

Protanomaly

59.0249, 61.5776, 65.9015

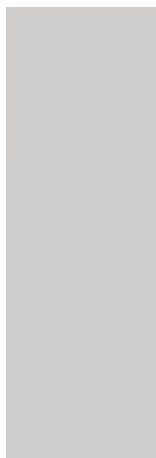
Deuteranomaly

61.4745, 61.7574, 67.0728

Tritanomaly

60.1095, 61.9788, 73.0850

Monochromacy



Original Color

58.8229, 61.8158, 66.5889

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.6655, 61.7207, 67.2138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8229, 61.8158, 66.5889 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(207, 206, 205) looks like.

```
.text, #text, p{  
    color:rgb(207, 206, 205)  
}
```

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(207, 206, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 206, 205) }
```

Border

The CSS property to change the border of an element to XYZ 58.8229, 61.8158, 66.5889 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(207, 206, 205) }
```

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

```
.border{ border-color:rgb(207, 206, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 206, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 206, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 206, 205);  
box-shadow:4px 4px 4px 4px rgb(207, 206,  
205) }
```


Background

The CSS property to change the background color of an element to XYZ 58.8229, 61.8158, 66.5889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 206, 205) }
```

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

```
.background{ background-color: rgb(207,  
206, 205) }
```

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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