

Converting Colors

XYZ(58.4560, 61.6148, 67.5242)

Have a look what the booklet for
XYZ(58.4560, 61.6148, 67.5242)
contains.

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Color

**XYZ(58.5106, 61.6267,
67.8428)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCECF
RGB	205, 206, 207
RGB Percent	80%, 81%, 81%
CMY	0.1961, 0.1921, 0.1882
CMYK	0.01, 0.00, 0.00, 0.19
HSL	210°, 2%, 81%
HSV	210°, 1%, 81%
XYZ	58.5106, 61.6267, 67.8428
YIQ	205.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

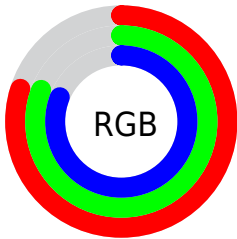
Format	Color
RYP	205, 206, 207
Decimal	13487823
CIELab	82.71, -0.15, -0.62
CIElCh	83, 0.644, 256.124
Yxy	61.6267, 0.3113, 0.3278
Android (android.graphics.Color)	4291677903 (0xFFCDCECF)
YUV	205.8150, 0.5842, -0.7148
Hunter-Lab	78.5027, -4.3378, 3.7129

Details

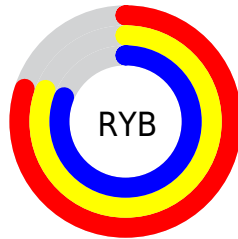
The XYZ color **58.5106, 61.6267, 67.8428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8230, 61.8151, 66.5897**, and the grayscale version is **58.5462, 61.5951, 67.0771**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7405, 31.3357, 34.6179** is the 20% darker color. If you saturate the color by 10%, you get **50.7722, 54.0729, 66.7936**, and if you desaturate by 10%, it is **67.1709, 69.9012, 68.9844**.

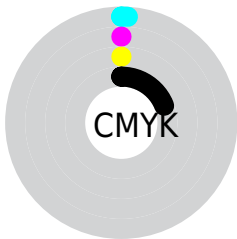
Distribution



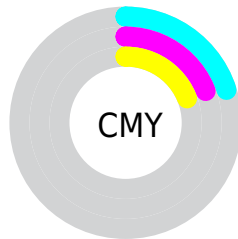
- Red (80%)
- Green (81%)
- Blue (81%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5106, 61.6267, 67.8428 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 58.5106, 61.6267, 67.8428 by changing the saturation by 10% instead.

■ 58.5106, 61.6267,
67.8428

■ 58.5106, 61.6267,
67.8428

409.0091,
430.5681, 471.5218

■ 42.4641, 44.7311,
49.3040

101.7847,
107.1858, 117.7793

■ 29.6576, 31.2457,
34.4934

129.7431,
136.6182, 150.0141

■ 19.7256, 20.7860,
22.9924

162.4028,
170.9982, 187.6512

■ 12.3028, 12.9677,
14.3827

200.1293,
210.7104, 231.1093

■ 7.0239, 7.4063,
8.2455

243.2878,
256.1391, 280.8069

■ 3.5235, 3.7175,
4.1624

292.2437,

■ 1.4363, 1.5168,

307.6687, 337.1624

1.7149

347.3623,
365.6835, 400.5946

■ 0.2819, 0.3005,
0.3709

■ 0.0000, 0.0000,
0.0000

■ 58.5106, 61.6267,
67.8428

■ 58.5106, 61.6267,
67.8428

■ 50.7722, 54.0729,
66.7936

■ 67.1709, 69.9012,
68.9844

■ 43.9180, 47.2106,
65.8302

■ 76.7788, 78.9087,
70.2167

■ 37.9151, 41.0197,
64.9517

■ 82.7719, 86.3036,
71.3281

■ 32.7267, 35.4763,
64.1552

■ 85.8439, 92.4476,
72.3521

■ 28.3128, 30.5549,
63.4379

■ 88.2627, 97.2851,
73.1584

■ 24.6300, 26.2278,
62.7967

■ 21.6301, 22.4647,
62.2285

■ 19.2583, 19.2317,
61.7295

■ 17.4500, 16.4896,
61.2955

Harmonies

Analogous

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



58.3903, 61.6267, 67.6513



58.5106, 61.6267, 67.8428



58.6482, 61.6267, 67.8350

Triad

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



58.5106, 61.6267, 67.8428



58.8301, 61.6267, 66.8898



58.3829, 61.6267, 66.5747

Complementary

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



58.5106, 61.6267, 67.8428



58.8230, 61.8151, 66.5897

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.



58.5005, 61.6267, 66.3723



58.5106, 61.6267, 67.8428



58.7588, 61.6267, 66.5537

Square

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



58.5106, 61.6267, 67.8428



58.8328, 61.6267, 67.2837



58.6381, 61.6267, 66.3646



58.3166, 61.6267, 66.9186

Rectangle

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



58.5106, 61.6267, 67.8428



58.7312, 61.6267, 67.7178



58.6381, 61.6267, 66.3646



58.4178, 61.6267, 66.4879

Sweetspot

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



58.5124, 61.6293, 67.8441

95.0500, 100.0000, 108.9000



58.6271, 62.0604, 67.2611



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.



58.5124, 61.6293, 67.8441



93.7140, 98.7115, 108.7217



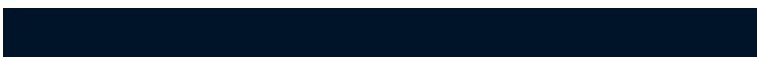
58.2795, 61.1636, 67.7665



13.1315, 13.8307, 15.2211



10.3004, 9.2473, 38.4345



0.6553, 0.6758, 2.1755

Inverse Universe

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



58.7054, 61.3854, 67.1501



94.0380, 98.3022, 107.5568



59.0572, 62.2837, 66.6678



13.1737, 13.7773, 15.0694



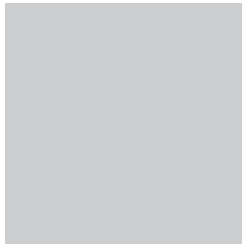
17.8299, 9.0048, 9.2763



1.0370, 0.5195, 0.7296

Previews

White Background



This preview shows how the XYZ color 58.5106, 61.6267, 67.8428 looks on a white background.

Color Contrast Check

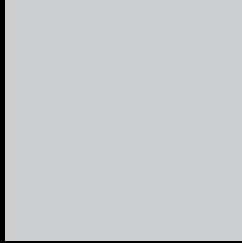
Large Text (above 18pt) WCAG AA × Fail

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 58.5106, 61.6267, 67.8428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

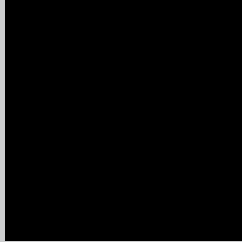
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

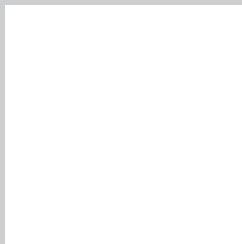
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5106, 61.6267, 67.8428

Background



This preview shows how black text looks on a background with the XYZ color 58.5106, 61.6267, 67.8428.



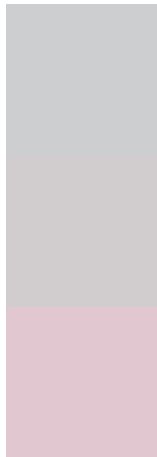
This preview shows how white text looks on a background with the XYZ color 58.5106, 61.6267,

67.8428.

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

58.5106, 61.6267, 67.8428

Protanopia

59.2664, 61.6742, 67.1732

Deuteranopia

62.5491, 61.2482, 68.1999



Tritanopia

60.2433, 61.6184, 76.4285

Trichromacy



Original Color

58.5106, 61.6267, 67.8428

Protanomaly

58.9843, 61.5288, 67.1600

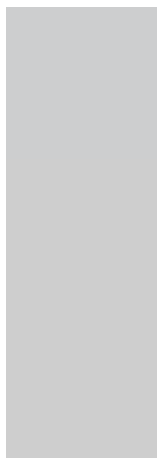
Deuteranomaly

61.1210, 61.5468, 68.3328

Tritanomaly

59.5507, 61.6908, 73.0588

Monochromacy



Original Color

58.5106, 61.6267, 67.8428

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 58.5106, 61.6267, 67.8428 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(205, 206, 207) looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 58.5106, 61.6267, 67.8428 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(205, 206, 207) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 58.5106, 61.6267, 67.8428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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