

Converting Colors

XYZ(56.8279, 61.8417, 67.9730)

Have a look what the booklet for
XYZ(56.8279, 61.8417, 67.9730)
contains.

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Color

**XYZ(56.8279, 61.8417,
67.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D1CF
RGB	196, 209, 207
RGB Percent	77%, 82%, 81%
CMY	0.2314, 0.1804, 0.1882
CMYK	0.06, 0.00, 0.01, 0.18
HSL	171°, 12%, 79%
HSV	171°, 6%, 82%
XYZ	56.8279, 61.8417, 67.9730
YIQ	204.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

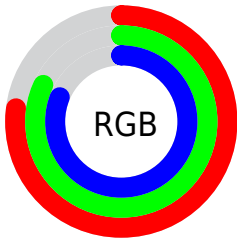
Format	Color
RYB	196, 203, 209
Decimal	12898767
CIELab	82.83, -4.77, -0.54
CIELCh	83, 4.796, 186.422
Yxy	61.8417, 0.3045, 0.3313
Android (android.graphics.Color)	4291088847 (0xFFC4D1CF)
YUV	204.8850, 1.0427, -7.7921
Hunter-Lab	78.6395, -8.6282, 3.7996

Details

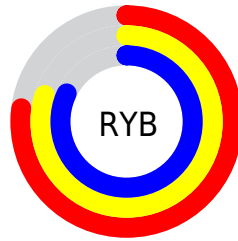
The XYZ color **56.8279, 61.8417, 67.9730** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2297, 57.1140, 61.4895**, and the grayscale version is **57.9535, 60.9716, 66.3981**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **28.6264, 31.4934, 34.7070** is the 20% darker color. If you saturate the color by 10%, you get **51.3764, 59.0781, 65.6849**, and if you desaturate by 10%, it is **63.0483, 65.0042, 70.3416**.

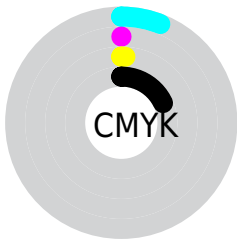
Distribution



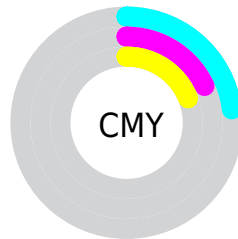
- Red (77%)
- Green (82%)
- Blue (81%)



- Red (77%)
- Yellow (80%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8279, 61.8417, 67.9730 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 56.8279, 61.8417, 67.9730 by changing the saturation by 10% instead.

■ 56.8279, 61.8417,
67.9730

■ 56.8279, 61.8417,
67.9730

402.8287,
431.3534, 471.9958

■ 41.1067, 44.9048,
49.4092

99.3468, 107.4967,
117.9674

■ 28.5905, 31.3824,
34.5763

126.8753,
136.9836, 150.2350

■ 18.9140, 20.8902,
23.0558

159.0701,
171.4226, 187.9077

■ 11.7118, 13.0438,
14.4290

196.2968,
211.1982, 231.4040

■ 6.6185, 7.4587,
8.2775

238.9207,
256.6946, 281.1424

■ 3.2689, 3.7506,
4.1827

287.3070,

■ 1.2975, 1.5350,

308.2964, 337.5415

1.7261

341.8213,
366.3879, 401.0198

■ 0.1814, 0.3132,
0.3785

■ 0.0000, 0.0000,
0.0000

■ 56.8279, 61.8417,
67.9730

■ 56.8279, 61.8417,
67.9730

■ 51.3764, 59.0781,
65.6849

■ 63.0483, 65.0042,
70.3416

■ 46.6574, 56.6895,
63.4714

■ 70.0616, 68.5728,
72.7882

■ 42.6392, 54.6612,
61.3322

■ 76.5220, 71.8554,
75.2513

■ 39.2860, 52.9748,
59.2653

■ 76.9442, 72.0243,
77.4744

■ 36.5586, 51.6102,
57.2685

■ 77.3746, 72.1965,
79.7408

■ 34.4137, 50.5449,
55.3397

■ 77.8132, 72.3719,
82.0507

■ 32.8025, 49.7539,
53.4763

■ 78.2602, 72.5507,
84.4044

■ 31.6680, 49.2077,
51.6754

■ 78.7155, 72.7328,
86.8020

■ 30.9386, 48.8695,
49.9332

■ 79.1792, 72.9183,
89.2438

Harmonies

Analogous

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



56.9779, 61.8417, 65.0864



56.8279, 61.8417, 67.9730



57.1957, 61.8417, 70.7675

Triad

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



56.8279, 61.8417, 67.9730



59.9653, 61.8417, 72.0145



59.5764, 61.8417, 62.2575

Complementary

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



56.8279, 61.8417, 67.9730



56.2297, 57.1140, 61.4895

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.



60.3906, 61.8417, 64.0156



56.8279, 61.8417, 67.9730



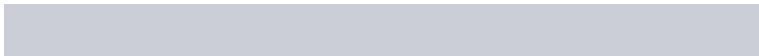
60.6170, 61.8417, 69.6350

Square

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



56.8279, 61.8417, 67.9730



59.0010, 61.8417, 73.1445



60.7736, 61.8417, 66.7012



58.5569, 61.8417, 61.8418

Rectangle

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



56.8279, 61.8417, 67.9730



57.6875, 61.8417, 72.1838



60.7736, 61.8417, 66.7012



59.8835, 61.8417, 62.7085

Sweetspot

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



56.8297, 61.8443, 67.9744



93.0723, 98.9950, 108.1485



56.0988, 61.6176, 61.1621



19.9420, 21.1995, 23.1562



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.



56.8297, 61.8443, 67.9744



88.3455, 96.5945, 106.2916



56.0271, 59.8448, 68.9230



12.3107, 13.4931, 14.8565



18.9685, 30.0803, 30.5441



1.0822, 1.6906, 1.8218

Inverse Universe

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



56.2297, 57.1140, 61.4895



87.2810, 88.2006, 94.7844



56.9920, 59.0059, 60.6109



12.1527, 12.2478, 13.1492



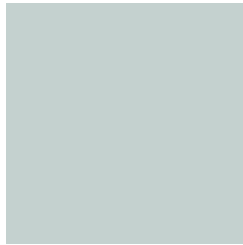
16.3981, 8.4321, 1.7364



0.9409, 0.4811, 0.2238

Previews

White Background



This preview shows how the XYZ color 56.8279, 61.8417, 67.9730 looks on a white background.

Color Contrast Check

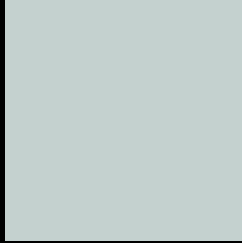
Large Text (above 18pt) WCAG AA × Fail

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 56.8279, 61.8417, 67.9730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

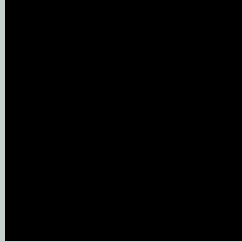
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

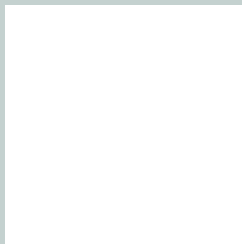
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8279, 61.8417, 67.9730

Background



This preview shows how black text looks on a background with the XYZ color 56.8279, 61.8417, 67.9730.



This preview shows how white text looks on a background with the XYZ color 56.8279, 61.8417,

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

56.8279, 61.8417, 67.9730

Protanopia

59.4291, 61.7721, 66.5486

Deuteranopia

62.9034, 61.7593, 68.9270



Tritanopia

59.1853, 62.0955, 78.6783

Trichromacy



Original Color

56.8279, 61.8417, 67.9730

Protanomaly

58.3887, 61.5780, 67.2008

Deuteranomaly

60.4727, 61.5621, 68.3699

Tritanomaly

58.3690, 62.1273, 74.5610

Monochromacy



Original Color

56.8279, 61.8417, 67.9730

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5690, 61.1554, 67.1625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8279, 61.8417, 67.9730 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(196, 209, 207) looks like.

```
.text, #text, p{  
    color:rgb(196, 209, 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(196, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 209, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.8279, 61.8417, 67.9730 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(196, 209, 207) }
```


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

```
.border{ border-color:rgb(196, 209, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 209, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 209, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 209, 207);  
box-shadow:4px 4px 4px 4px rgb(196, 209,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8279, 61.8417, 67.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 209, 207) }
```

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

```
.background{ background-color: rgb(196,  
209, 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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