

Converting Colors

XYZ(56.3660, 60.5176, 68.0165)

Have a look what the booklet for
XYZ(56.3660, 60.5176, 68.0165)
contains.

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Color

**XYZ(56.3597, 60.5179,
67.7421)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CECF
RGB	197, 206, 207
RGB Percent	77%, 81%, 81%
CMY	0.2274, 0.1921, 0.1882
CMYK	0.05, 0.00, 0.00, 0.19
HSL	186°, 9%, 79%
HSV	186°, 5%, 81%
XYZ	56.3597, 60.5179, 67.7421
YIQ	203.4230, -5.6850, -1.5970

Conversions

Conversions Part 2

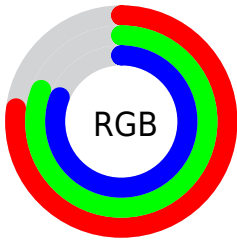
Format	Color
RYB	197, 202, 207
Decimal	12963535
CIELab	82.12, -2.86, -1.57
CIElCh	82, 3.265, 208.687
Yxy	60.5179, 0.3053, 0.3278
Android (android.graphics.Color)	4291153615 (0xFFC5CECF)
YUV	203.4230, 1.7635, -5.6330
Hunter-Lab	77.7933, -6.8184, 2.8257

Details

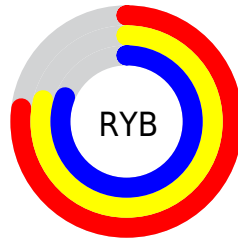
The XYZ color **56.3597, 60.5179, 67.7421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0043, 57.6841, 61.0066**, and the grayscale version is **57.0239, 59.9935, 65.3330**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.3057, 30.5960, 34.5507** is the 20% darker color. If you saturate the color by 10%, you get **50.8144, 56.9284, 67.3424**, and if you desaturate by 10%, it is **62.6593, 64.5093, 68.1814**.

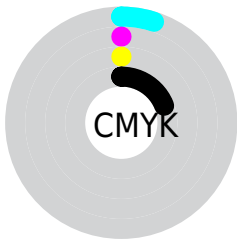
Distribution



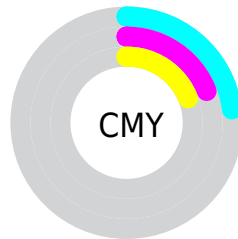
- Red (77%)
- Green (81%)
- Blue (81%)



- Red (77%)
- Yellow (79%)
- Blue (81%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3597, 60.5179, 67.7421 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 56.3597, 60.5179, 67.7421 by changing the saturation by 10% instead.

■ 56.3597, 60.5179,
67.7421

■ 56.3597, 60.5179,
67.7421

401.0987,
426.5041, 471.1549

■ 40.7295, 43.8362,
49.2226

98.6671, 105.5806,
117.6338

■ 28.2945, 30.5418,
34.4292

126.0750,
134.7304, 149.8431

■ 18.6894, 20.2502,
22.9435

158.1395,
168.8050, 187.4528

■ 11.5487, 12.5770,
14.3469

195.2260,
208.1888, 230.8813

■ 6.5072, 7.1379,
8.2208

237.6998,
253.2662, 280.5472

■ 3.1994, 3.5485,
4.1468

285.9263,

■ 1.2601, 1.4244,

304.4217, 336.8691

1.7062

340.2708,
362.0395, 400.2655

■ 0.1530, 0.2346,
0.3650

■ 0.0000, 0.0000,
0.0000

■ 56.3597, 60.5179,
67.7421

■ 56.3597, 60.5179,
67.7421

■ 50.8144, 56.9284,
67.3424

■ 62.6593, 64.5093,
68.1814

■ 45.9880, 53.7174,
66.9770

■ 69.7365, 68.9096,
68.6578

■ 41.8500, 50.8709,
66.6457

■ 76.0946, 72.9490,
69.1023

■ 38.3658, 48.3711,
66.3468

■ 76.6143, 73.9884,
69.2755

■ 35.4977, 46.1984,
66.0786

■ 77.1406, 75.0409,
69.4510

■ 33.2040, 44.3313,
65.8391

■ 77.6735, 76.1068,
69.6286

■ 31.4379, 42.7456,
65.6262

■ 78.2131, 77.1859,
69.8085

■ 30.1453, 41.4135,
65.4372

■ 78.7594, 78.2785,
69.9906

■ 29.2600, 40.3007,
65.2690

■ 79.3123, 79.3844,
70.1749

Harmonies

Analogous

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



56.1989, 60.5179, 65.8063



56.3597, 60.5179, 67.7421



56.8309, 60.5179, 69.2072

Triad

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



56.3597, 60.5179, 67.7421



58.6661, 60.5179, 67.8965



57.5510, 60.5179, 62.1526

Complementary

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



56.3597, 60.5179, 67.7421



56.0043, 57.6841, 61.0066

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.



58.2156, 60.5179, 62.6877



56.3597, 60.5179, 67.7421



58.8626, 60.5179, 65.9812

Square

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



56.3597, 60.5179, 67.7421



58.1623, 60.5179, 69.2976



58.6970, 60.5179, 64.0792



56.8834, 60.5179, 62.6031

Rectangle

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



56.3597, 60.5179, 67.7421



57.2595, 60.5179, 69.7060



58.6970, 60.5179, 64.0792



57.7822, 60.5179, 62.2230

Sweetspot

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



56.3614, 60.5205, 67.7434



94.0370, 99.3575, 108.8294



55.5135, 60.5664, 62.0908



20.1385, 21.2734, 23.2947



0.0000, 0.0000, 0.0000



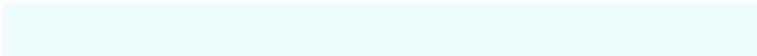
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3614, 60.5205, 67.7434



89.1589, 96.2437, 108.4855



55.2148, 58.2273, 67.3612



12.4135, 13.4294, 15.1815



18.2474, 25.1415, 41.0835



1.0501, 1.4653, 2.3071

Inverse Universe

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



56.8402, 57.6552, 66.5283



90.1173, 90.5259, 106.0494



57.1276, 59.9307, 61.3810



12.5587, 12.5641, 14.8122



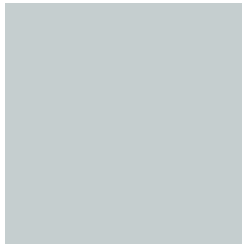
21.8412, 10.6093, 30.3996



1.2363, 0.5992, 1.7789

Previews

White Background



This preview shows how the XYZ color 56.3597, 60.5179, 67.7421 looks on a white background.

Color Contrast Check

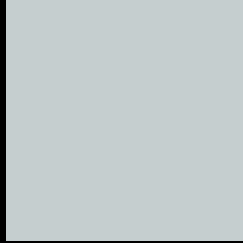
Large Text (above 18pt) WCAG AA × Fail

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 56.3597, 60.5179, 67.7421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

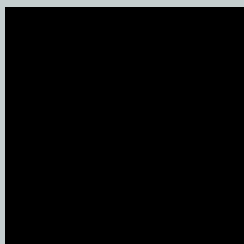
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

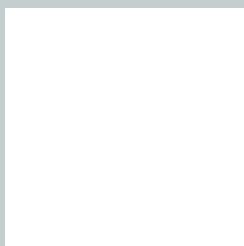
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3597, 60.5179, 67.7421

Background



This preview shows how black text looks on a background with the XYZ color 56.3597, 60.5179, 67.7421.

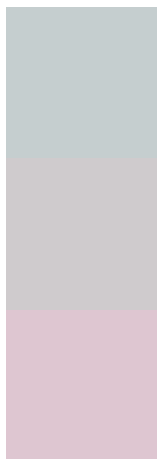


This preview shows how white text looks on a background with the XYZ color 56.3597, 60.5179,

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

56.3597, 60.5179, 67.7421

Protanopia

58.1075, 60.3850, 66.3505

Deuteranopia

61.8269, 60.5212, 68.7447



Tritanopia

58.0643, 60.4952, 76.3266

Trichromacy



Original Color

56.3597, 60.5179, 67.7421

Protanomaly

57.3620, 60.3385, 67.0157

Deuteranomaly

59.7124, 60.4735, 68.1999

Tritanomaly

57.3858, 60.5747, 72.9575

Monochromacy



Original Color

56.3597, 60.5179, 67.7421

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.5793, 59.9629, 65.7187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3597, 60.5179, 67.7421 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(197, 206, 207) looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 206, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.3597, 60.5179, 67.7421 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(197, 206, 207) }
```


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

```
.border{ border-color:rgb(197, 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(197, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(197, 206,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3597, 60.5179, 67.7421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 206, 207) }
```

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

```
.background{ background-color: rgb(197,  
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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