

Converting Colors

XYZ(56.2251, 59.8979, 67.1332)

Have a look what the booklet for
XYZ(56.2251, 59.8979, 67.1332)
contains.

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Color

**XYZ(56.0221, 59.6477,
66.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CCCE
RGB	198, 204, 206
RGB Percent	78%, 80%, 81%
CMY	0.2235, 0.2000, 0.1922
CMYK	0.04, 0.01, 0.00, 0.19
HSL	195°, 8%, 79%
HSV	195°, 4%, 81%
XYZ	56.0221, 59.6477, 66.9530
YIQ	202.4340, -4.2180, -0.6500

Conversions

Conversions Part 2

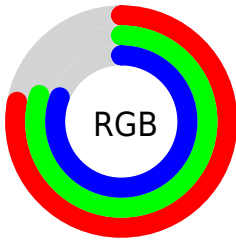
Format	Color
R_{YB}	198, 201, 206
Decimal	13028558
CIE _{Lab}	81.65, -1.67, -1.72
CIE _{LCh}	82, 2.393, 225.825
Yxy	59.6477, 0.3068, 0.3266
Android (android.graphics.Color)	4291218638 (0xFFC6CCCE)
YUV	202.4340, 1.7580, -3.8886
Hunter-Lab	77.2319, -5.6764, 2.6633

Details

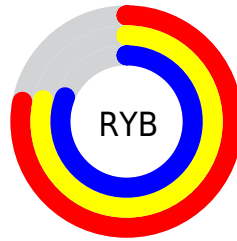
The XYZ color **56.0221, 59.6477, 66.9530** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3010, 58.5069, 61.7525**, and the grayscale version is **56.4027, 59.3401, 64.6213**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.0754, 30.0090, 34.0183** is the 20% darker color. If you saturate the color by 10%, you get **49.7557, 54.6346, 66.3166**, and if you desaturate by 10%, it is **63.0708, 65.1273, 67.6401**.

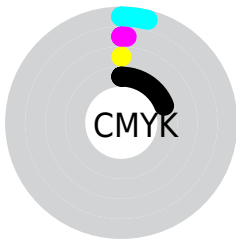
Distribution



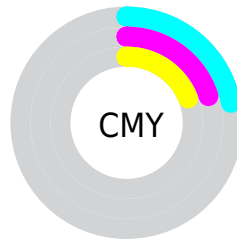
- Red (78%)
- Green (80%)
- Blue (81%)



- Red (78%)
- Yellow (79%)
- Blue (81%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0221, 59.6477, 66.9530 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 56.0221, 59.6477, 66.9530 by changing the saturation by 10% instead.

■ 56.0221, 59.6477,
66.9530

■ 56.0221, 59.6477,
66.9530

399.8485,
423.2980, 468.2744

■ 40.4577, 43.1347,
48.5851

98.1765, 104.3184,
116.4931

■ 28.0814, 29.9908,
33.9272

125.4972,
133.2450, 148.5023

■ 18.5278, 19.8316,
22.5607

157.4675,
167.0782, 185.8957

■ 11.4316, 12.2727,
14.0673

194.4526,
206.2025, 229.0918

■ 6.4273, 6.9297,
8.0282

236.8178,
251.0022, 278.5092

■ 3.1497, 3.4182,
4.0250

284.9287,

■ 1.2334, 1.3537,

301.8618, 334.5664

1.6390

339.1504,
359.1656, 397.6820

■ 0.1325, 0.1823,
0.3185

■ 0.0000, 0.0000,
0.0000

■ 56.0221, 59.6477,
66.9530

■ 56.0221, 59.6477,
66.9530

■ 49.7557, 54.6346,
66.3166

■ 63.0708, 65.1273,
67.6401

■ 44.2365, 50.0643,
65.7253

■ 70.9249, 71.0810,
68.3753

■ 39.4342, 45.9223,
65.1789

■ 77.8244, 76.6035,
69.0776

■ 35.3144, 42.1904,
64.6757

■ 79.1900, 79.3348,
69.5328

■ 31.8398, 38.8486,
64.2138

■ 80.5975, 82.1497,
70.0020

■ 28.9693, 35.8752,
63.7912

■ 82.0471, 85.0490,
70.4852

■ 26.6567, 33.2458,
63.4055

■ 83.5393, 88.0334,
70.9826

■ 24.8491, 30.9324,
63.0543

■ 85.0744, 91.1036,
71.4943

■ 23.4821, 28.9012,
62.7343

■ 86.6527, 94.2602,
72.0204

Harmonies

Analogous

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



55.7680, 59.6477, 65.7045



56.0221, 59.6477, 66.9530



56.4569, 59.6477, 67.6687

Triad

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



56.0221, 59.6477, 66.9530



57.6362, 59.6477, 65.6268



56.4300, 59.6477, 62.3178

Complementary

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



56.0221, 59.6477, 66.9530



56.3010, 58.5069, 61.7525

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.



56.9305, 59.6477, 62.2977



56.0221, 59.6477, 66.9530



57.6289, 59.6477, 64.1938

Square

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



56.0221, 59.6477, 66.9530



57.3898, 59.6477, 66.8954



57.3699, 59.6477, 62.9799



56.0026, 59.6477, 63.0352

Rectangle

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



56.0221, 59.6477, 66.9530



56.7916, 59.6477, 67.7407



57.3699, 59.6477, 62.9799



56.5952, 59.6477, 62.2296

Sweetspot

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



56.0238, 59.6502, 66.9543



93.9154, 99.1142, 108.7888



55.7706, 60.3132, 63.2649



20.1137, 21.2239, 23.2865



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.



56.0238, 59.6502, 66.9543



89.5070, 95.6480, 108.3521



55.1153, 57.8332, 66.6515



11.8122, 12.6449, 14.3885



14.1156, 17.2552, 38.5429



0.7860, 1.0058, 2.0077

Inverse Universe

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



56.5480, 57.8707, 65.3195



90.6084, 91.9299, 104.9128



57.2087, 60.3223, 62.0550



11.9746, 12.0979, 13.8809



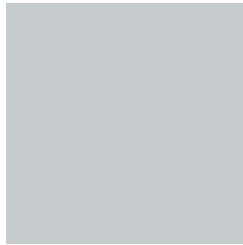
19.3358, 9.5449, 20.0188



1.0267, 0.5041, 1.1864

Previews

White Background



This preview shows how the XYZ color 56.0221, 59.6477, 66.9530 looks on a white background.

Color Contrast Check

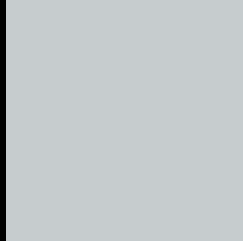
Large Text (above 18pt) WCAG AA × Fail

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 56.0221, 59.6477, 66.9530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

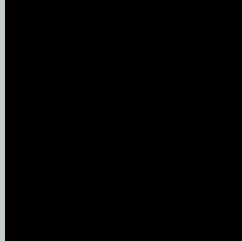
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

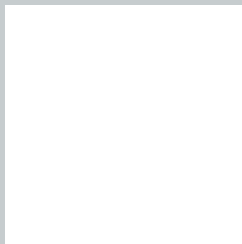
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0221, 59.6477, 66.9530

Background



This preview shows how black text looks on a background with the XYZ color 56.0221, 59.6477, 66.9530.

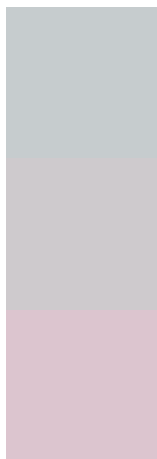


This preview shows how white text looks on a background with the XYZ color 56.0221, 59.6477,

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

56.0221, 59.6477, 66.9530

Protanopia

57.5936, 59.7706, 66.2590

Deuteranopia

60.7439, 59.6531, 67.3441



Tritanopia

57.5948, 59.5824, 74.7946

Trichromacy



Original Color

56.0221, 59.6477, 66.9530

Protanomaly

57.0040, 59.8162, 66.2988

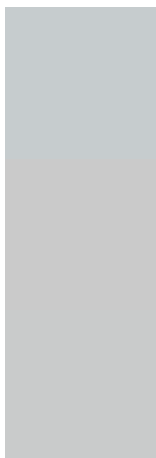
Deuteranomaly

59.0681, 59.8106, 67.4629

Tritanomaly

57.0467, 59.7090, 72.1366

Monochromacy



Original Color

56.0221, 59.6477, 66.9530

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2228, 59.4412, 65.0099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0221, 59.6477, 66.9530 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(198, 204, 206) looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 206)  
}
```

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(198, 204, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 206) }
```

Border

The CSS property to change the border of an element to XYZ 56.0221, 59.6477, 66.9530 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(198, 204, 206) }
```


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

```
.border{ border-color:rgb(198, 204, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 204, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 204, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 204, 206);  
box-shadow:4px 4px 4px 4px rgb(198, 204,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0221, 59.6477, 66.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 204, 206) }
```

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

```
.background{ background-color: rgb(198,  
204, 206) }
```

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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