

Converting Colors

XYZ(56.9399, 60.7671, 70.3569)

Have a look what the booklet for
XYZ(56.9399, 60.7671, 70.3569)
contains.

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Color

**XYZ(56.8551, 60.7161,
70.3508)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CED3
RGB	197, 206, 211
RGB Percent	77%, 81%, 83%
CMY	0.2274, 0.1921, 0.1725
CMYK	0.07, 0.02, 0.00, 0.17
HSL	201°, 14%, 80%
HSV	201°, 7%, 83%
XYZ	56.8551, 60.7161, 70.3508
YIQ	203.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

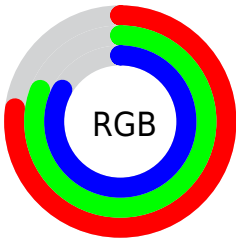
Format	Color
R _Y B	197, 202, 211
Decimal	12963539
CIE Lab	82.23, -2.10, -3.55
CIE LCh	82, 4.121, 239.393
Yxy	60.7161, 0.3025, 0.3231
Android (android.graphics.Color)	4291153619 (0xFFC5CED3)
YUV	203.8790, 3.5107, -6.0329
Hunter-Lab	77.9205, -6.1175, 1.0142

Details

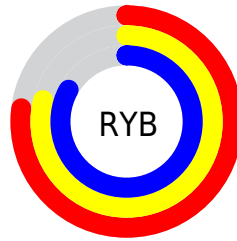
The XYZ color **56.8551, 60.7161, 70.3508** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0626, 60.1205, 61.3684**, and the grayscale version is **57.3012, 60.2854, 65.6508**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.6417, 30.7304, 36.3203** is the 20% darker color. If you saturate the color by 10%, you get **49.9429, 54.5271, 69.5215**, and if you desaturate by 10%, it is **64.6310, 67.4826, 71.2480**.

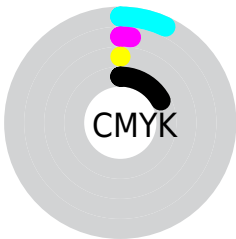
Distribution



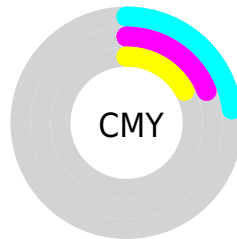
- Red (77%)
- Green (81%)
- Blue (83%)



- Red (77%)
- Yellow (79%)
- Blue (83%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8551, 60.7161, 70.3508 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 56.8551, 60.7161, 70.3508 by changing the saturation by 10% instead.

■ 56.8551, 60.7161,
70.3508

■ 56.8551, 60.7161,
70.3508

402.9291,
427.2323, 480.6031

■ 41.1286, 43.9961,
51.3340

99.3863, 105.8678,
121.3947

■ 28.6077, 30.6674,
36.0959

126.9217,
135.0682, 154.2589

■ 18.9270, 20.3457,
24.2180

159.1242,
169.1976, 192.5759

■ 11.7213, 12.6466,
15.2817

196.3590,
208.6403, 236.7644

■ 6.6250, 7.1857,
8.8685

238.9915,
253.7807, 287.2428

■ 3.2729, 3.5785,
4.5599

287.3872,

■ 1.2997, 1.4407,

305.0033, 344.4297

1.9373

341.9112,
362.6923, 408.7436

■ 0.1830, 0.2464,
0.5163

■ 0.0000, 0.0000,
0.0000

■ 56.8551, 60.7161,
70.3508

■ 56.8551, 60.7161,
70.3508

■ 49.9429, 54.5271,
69.5215

■ 64.6310, 67.4826,
71.2480

■ 43.8560, 48.8891,
68.7540

■ 73.2967, 74.8369,
72.2107

■ 38.5608, 43.7846,
68.0478

■ 80.9059, 81.7789,
73.1496

■ 34.0191, 39.1921,
67.4008

■ 83.0301, 86.0274,
73.8577

■ 30.1896, 35.0883,
66.8105

■ 85.2459, 90.4589,
74.5963

■ 27.0265, 31.4476,
66.2745

■ 87.5541, 95.0754,
75.3657

■ 24.4781, 28.2414,
65.7899

■ 88.7580, 97.4832,
75.7670

■ 22.4844, 25.4368,
65.3537

■ 20.9684, 22.9919,
64.9617

Harmonies

Analogous

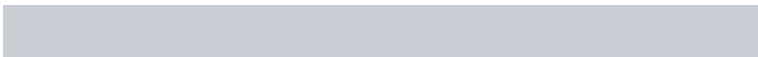
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.2530, 60.7161, 68.5065



56.8551, 60.7161, 70.3508



57.6910, 60.7161, 71.0537

Triad

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



56.8551, 60.7161, 70.3508



59.4103, 60.7161, 66.1607



56.8857, 60.7161, 61.9932

Complementary

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



56.8551, 60.7161, 70.3508



58.0626, 60.1205, 61.3684

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.



57.7267, 60.7161, 61.4002



56.8551, 60.7161, 70.3508



59.1895, 60.7161, 63.7691

Square

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



56.8551, 60.7161, 70.3508



59.1714, 60.7161, 68.5973



58.5711, 60.7161, 62.0422



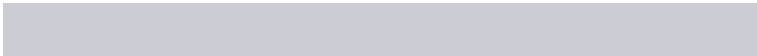
56.2706, 60.7161, 63.6826

Rectangle

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



56.8551, 60.7161, 70.3508



58.2702, 60.7161, 70.7670



58.5711, 60.7161, 62.0422



57.1511, 60.7161, 61.6610

Sweetspot

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



56.8568, 60.7187, 70.3521



92.6206, 97.8897, 108.6207



56.9699, 62.7193, 64.9193



19.8501, 20.9746, 23.2522



0.0000, 0.0000, 0.0000



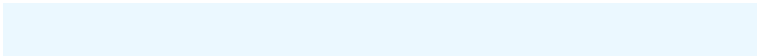
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8568, 60.7187, 70.3521



85.6602, 91.7765, 107.8076



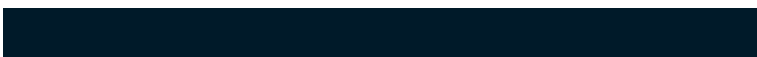
55.2311, 57.4673, 69.8102



11.7887, 12.6676, 15.0674



12.4832, 13.6129, 39.1621



0.7715, 0.9081, 2.2142

Inverse Universe

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



57.9721, 58.2387, 66.5813



87.7337, 87.2078, 100.7875



59.7189, 63.4329, 61.9204



12.1242, 11.9344, 13.9299



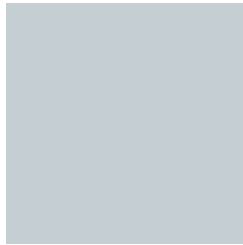
18.9316, 9.4455, 15.0781



1.0956, 0.5430, 1.0384

Previews

White Background



This preview shows how the XYZ color 56.8551, 60.7161, 70.3508 looks on a white background.

Color Contrast Check

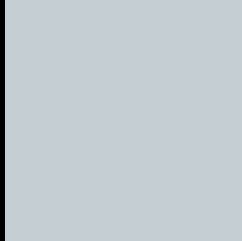
Large Text (above 18pt) WCAG AA × Fail

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 56.8551, 60.7161, 70.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

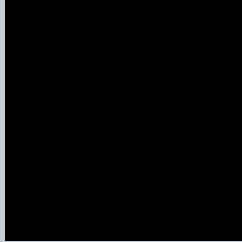
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

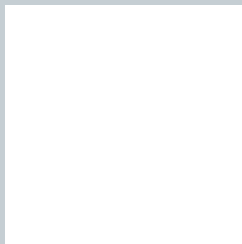
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8551, 60.7161, 70.3508

Background



This preview shows how black text looks on a background with the XYZ color 56.8551, 60.7161, 70.3508.

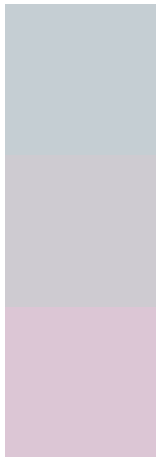


This preview shows how white text looks on a background with the XYZ color 56.8551, 60.7161,

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

56.8551, 60.7161, 70.3508

Protanopia

58.3182, 60.4371, 68.9134

Deuteranopia

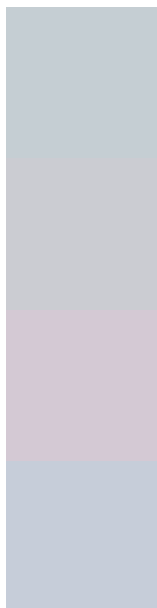
61.7195, 60.4079, 71.3577



Tritanopia

58.1972, 60.5483, 77.0263

Trichromacy



Original Color

56.8551, 60.7161, 70.3508

Protanomaly

57.8543, 60.5354, 69.6080

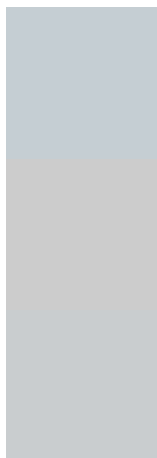
Deuteranomaly

59.9217, 60.5238, 70.8114

Tritanomaly

57.6444, 60.6782, 74.3195

Monochromacy



Original Color

56.8551, 60.7161, 70.3508

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.1812, 60.5851, 67.7118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8551, 60.7161, 70.3508 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 206, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 206, 211) }
```

Border

The CSS property to change the border of an element to XYZ 56.8551, 60.7161, 70.3508 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, 211) }
```


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

```
.border{ border-color:rgb(197, 206, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 206, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 206, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 206,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8551, 60.7161, 70.3508 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, 211) }
```

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

```
.background{ background-color: rgb(197,  
206, 211) }
```

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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