

Converting Colors

XYZ(56.0112, 59.2829, 71.0251)

Have a look what the booklet for
XYZ(56.0112, 59.2829, 71.0251)
contains.

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Color

**XYZ(56.0046, 59.2011,
70.7626)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CBD4
RGB	196, 203, 212
RGB Percent	77%, 80%, 83%
CMY	0.2314, 0.2039, 0.1686
CMYK	0.08, 0.04, 0.00, 0.17
HSL	214°, 16%, 80%
HSV	214°, 8%, 83%
XYZ	56.0046, 59.2011, 70.7626
YIQ	201.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

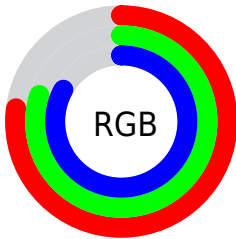
Format	Color
R_{YB}	196, 201, 212
Decimal	12897236
CIE Lab	81.40, -0.66, -5.30
CIE LCh	81, 5.345, 262.925
Yxy	59.2011, 0.3012, 0.3183
Android (android.graphics.Color)	4291087316 (0xFFC4CBD4)
YUV	201.9330, 4.9630, -5.2032
Hunter-Lab	76.9423, -4.7227, -0.6685

Details

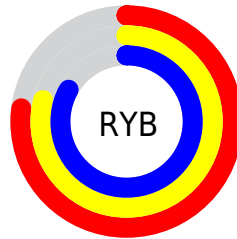
The XYZ color **56.0046, 59.2011, 70.7626** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9468, 61.6449, 61.0175**, and the grayscale version is **56.0719, 58.9920, 64.2423**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **27.9886, 29.6800, 36.1519** is the 20% darker color. If you saturate the color by 10%, you get **48.1676, 51.1425, 69.6211**, and if you desaturate by 10%, it is **64.8408, 68.0994, 72.0153**.

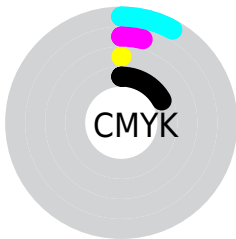
Distribution



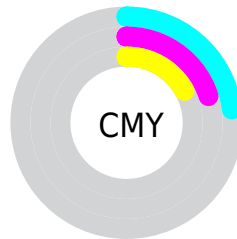
- Red (77%)
- Green (80%)
- Blue (83%)



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



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0046, 59.2011, 70.7626 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 56.0046, 59.2011, 70.7626 by changing the saturation by 10% instead.

■ 56.0046, 59.2011,
70.7626

■ 56.0046, 59.2011,
70.7626

399.7836,
421.6468, 482.0844

■ 40.4436, 42.7750,
51.6678

98.1511, 103.6699,
121.9869

■ 28.0704, 29.7086,
36.3600

125.4673,
132.4814, 154.9536

■ 18.5194, 19.6175,
24.4204

157.4326,
166.1902, 193.3813

■ 11.4255, 12.1173,
15.4307

194.4124,
205.1806, 237.6886

■ 6.4232, 6.8236,
8.9723

236.7721,
249.8371, 288.2940

■ 3.1472, 3.3521,
4.6265

284.8769,

■ 1.2321, 1.3182,

300.5440, 345.6161

1.9750

339.0923,
357.6857, 410.0734

■ 0.1315, 0.1552,
0.5398

■ 0.0000, 0.0000,
0.0000

■ 56.0046, 59.2011,
70.7626

■ 56.0046, 59.2011,
70.7626

■ 48.1676, 51.1425,
69.6211

■ 64.8408, 68.0994,
72.0153

■ 41.2872, 43.8897,
68.5838

■ 74.7062, 77.8550,
73.3784

■ 35.3254, 37.4173,
67.6487

■ 83.9226, 87.6110,
74.7757

■ 30.2394, 31.6953,
66.8123

■ 87.5241, 94.8141,
75.9763

■ 25.9828, 26.6920,
66.0709

■ 88.8838, 97.5335,
76.4295

■ 22.5045, 22.3725,
65.4205

■ 19.7472, 18.6986,
64.8567

■ 17.6443, 15.6267,
64.3746

■ 16.1057, 13.1006,
63.9681

Harmonies

Analogous

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



54.9832, 59.2011, 69.4961



56.0046, 59.2011, 70.7626



57.1101, 59.2011, 70.2962

Triad

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



56.0046, 59.2011, 70.7626



58.2714, 59.2011, 62.0921



54.5716, 59.2011, 60.8203

Complementary

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



56.0046, 59.2011, 70.7626



58.9468, 61.6449, 61.0175

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.



55.4359, 59.2011, 58.9560



56.0046, 59.2011, 70.7626



57.5744, 59.2011, 59.6731

Square

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



56.0046, 59.2011, 70.7626



58.4286, 59.2011, 65.2209



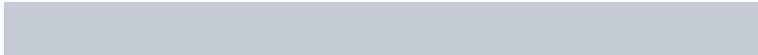
56.5340, 59.2011, 58.5431



54.1631, 59.2011, 63.7049

Rectangle

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



56.0046, 59.2011, 70.7626



57.7452, 59.2011, 69.0724



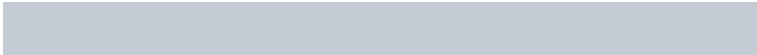
56.5340, 59.2011, 58.5431



54.8180, 59.2011, 60.0575

Sweetspot

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



56.0063, 59.2036, 70.7639



92.2904, 97.2294, 108.5107



57.3048, 63.2219, 66.8149



19.7829, 20.8402, 23.2298



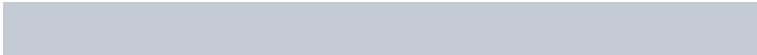
0.0000, 0.0000, 0.0000



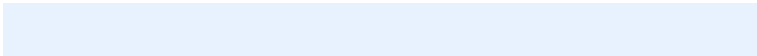
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0063, 59.2036, 70.7639



83.1253, 87.9449, 107.2016



54.5983, 56.0778, 70.2348



12.1853, 12.8941, 15.7841



9.8374, 7.9366, 39.4666



0.6749, 0.6418, 2.4076

Inverse Universe

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



57.6722, 57.7900, 64.6177



86.1519, 85.4179, 96.0256



60.4296, 64.9520, 61.5777



12.6467, 12.5102, 14.0800



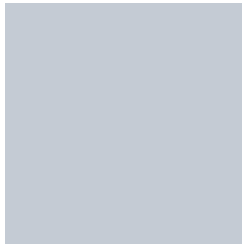
18.0243, 9.1461, 7.4322



1.1283, 0.5681, 0.6651

Previews

White Background



This preview shows how the XYZ color 56.0046, 59.2011, 70.7626 looks on a white background.

Color Contrast Check

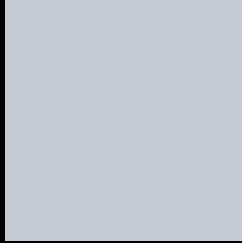
Large Text (above 18pt) WCAG AA × Fail

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 56.0046, 59.2011, 70.7626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

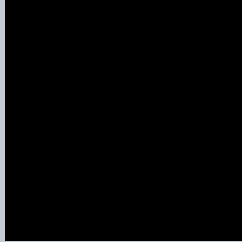
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

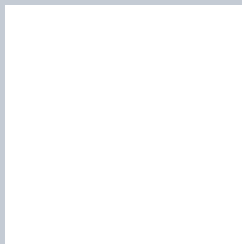
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0046, 59.2011, 70.7626

Background



This preview shows how black text looks on a background with the XYZ color 56.0046, 59.2011, 70.7626.

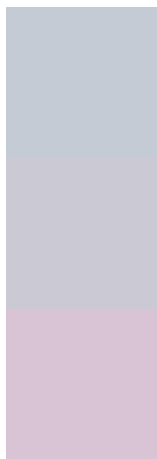


This preview shows how white text looks on a background with the XYZ color 56.0046, 59.2011,

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

56.0046, 59.2011, 70.7626

Protanopia

57.2731, 59.1729, 70.0309

Deuteranopia

60.3654, 59.0357, 71.1642



Tritanopia

56.8014, 59.1733, 74.7575

Trichromacy



Original Color

56.0046, 59.2011, 70.7626

Protanomaly

56.6978, 59.2236, 70.0710

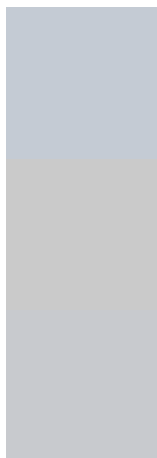
Deuteranomaly

58.7282, 59.2063, 71.2834

Tritanomaly

56.5412, 59.0692, 73.3872

Monochromacy



Original Color

56.0046, 59.2011, 70.7626

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.0805, 58.9767, 66.8204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0046, 59.2011, 70.7626 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, 203, 212)` looks like.

```
.text, #text, p{  
    color:rgb(196, 203, 212)  
}
```

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, 203, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 203, 212) }
```

Border

The CSS property to change the border of an element to XYZ 56.0046, 59.2011, 70.7626 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, 203, 212) }
```


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

```
.border{ border-color:rgb(196, 203, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 203, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 203, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 203, 212);  
box-shadow:4px 4px 4px 4px rgb(196, 203,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0046, 59.2011, 70.7626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 203, 212) }
```

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

```
.background{ background-color: rgb(196,  
203, 212) }
```

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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