

Converting Colors

XYZ(56.7790, 59.6782, 71.6811)

Have a look what the booklet for
XYZ(56.7790, 59.6782, 71.6811)
contains.

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Color

**XYZ(56.6549, 59.5217,
71.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CBD5
RGB	198, 203, 213
RGB Percent	78%, 80%, 84%
CMY	0.2235, 0.2039, 0.1647
CMYK	0.07, 0.05, 0.00, 0.16
HSL	220°, 15%, 81%
HSV	220°, 7%, 84%
XYZ	56.6549, 59.5217, 71.4536
YIQ	202.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

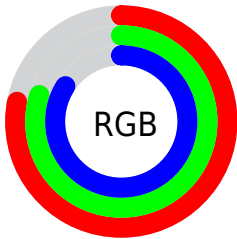
Format	Color
R _Y B	198, 202, 213
Decimal	13028309
CIE Lab	81.58, 0.20, -5.56
CIE LCh	82, 5.567, 272.073
Yxy	59.5217, 0.3019, 0.3172
Android (android.graphics.Color)	4291218389 (0xFFC6CBD5)
YUV	202.6450, 5.1050, -4.0737
Hunter-Lab	77.1503, -3.9326, -0.9069

Details

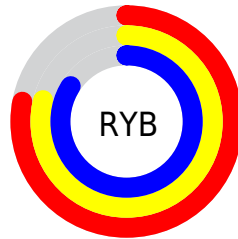
The XYZ color **56.6549, 59.5217, 71.4536** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1898, 63.3348, 62.4797**, and the grayscale version is **56.5154, 59.4586, 64.7504**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.4206, 29.8928, 36.6197** is the 20% darker color. If you saturate the color by 10%, you get **48.2304, 50.4292, 70.1435**, and if you desaturate by 10%, it is **66.1794, 69.6403, 72.9056**.

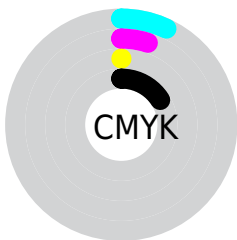
Distribution



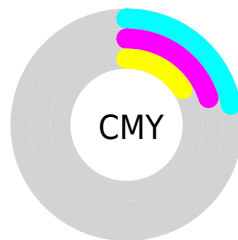
- Red (78%)
- Green (80%)
- Blue (84%)



- Red (78%)
- Yellow (79%)
- Blue (84%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6549, 59.5217, 71.4536 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 56.6549, 59.5217, 71.4536 by changing the saturation by 10% instead.

■ 56.6549, 59.5217,
71.4536

■ 56.6549, 59.5217,
71.4536

402.1900,
422.8325, 484.5639

■ 40.9673, 43.0332,
52.2283

99.0957, 104.1355,
122.9799

■ 28.4811, 29.9112,
36.8036

126.5797,
133.0297, 156.1179

■ 18.8309, 19.7712,
24.7609

158.7264,
166.8278, 194.7307

■ 11.6515, 12.2288,
15.6816

195.9014,
205.9144, 239.2367

■ 6.5773, 6.8997,
9.1472

238.4699,
250.6737, 290.0545

■ 3.2432, 3.3995,
4.7392

286.7972,

■ 1.2836, 1.3437,

301.4903, 347.6026

2.0390

341.2488,
358.7484, 412.2995

■ 0.1709, 0.1746,
0.5791

■ 0.0000, 0.0000,
0.0000

■ 56.6549, 59.5217,
71.4536

■ 56.6549, 59.5217,
71.4536

■ 48.2304, 50.4292,
70.1435

■ 66.1794, 69.6403,
72.9056

■ 40.8599, 42.3218,
68.9671

■ 76.8374, 80.8091,
74.4997

■ 34.5012, 35.1671,
67.9212

■ 86.0824, 91.7282,
76.1200

■ 29.1078, 28.9275,
67.0011

■ 89.0104, 97.5842,
77.0960

■ 24.6290, 23.5630,
66.2017

■ 21.0090, 19.0302,
65.5176

■ 18.1857, 15.2814,
64.9428

■ 16.0873, 12.2630,
64.4708

■ 14.6217, 9.9096,
64.0938

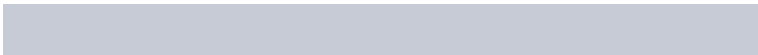
Harmonies

Analogous

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



55.5280, 59.5217, 70.6614



56.6549, 59.5217, 71.4536



57.7749, 59.5217, 70.4152

Triad

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



56.6549, 59.5217, 71.4536



58.4986, 59.5217, 61.4523



54.6118, 59.5217, 61.8422

Complementary

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



56.6549, 59.5217, 71.4536



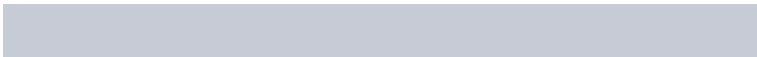
60.1898, 63.3348, 62.4797

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.



55.3891, 59.5217, 59.5086



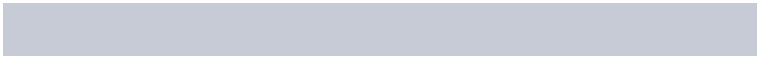
56.6549, 59.5217, 71.4536



57.6323, 59.5217, 59.2890

Square

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



56.6549, 59.5217, 71.4536



58.8485, 59.5217, 64.5765



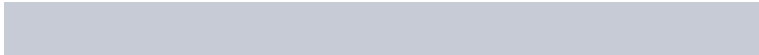
56.4924, 59.5217, 58.5897



54.3581, 59.5217, 65.0420

Rectangle

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



56.6549, 59.5217, 71.4536



58.3642, 59.5217, 68.8446



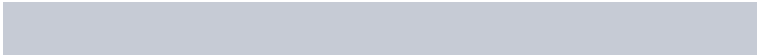
56.4924, 59.5217, 58.5897



54.8200, 59.5217, 60.9343

Sweetspot

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



56.6566, 59.5242, 71.4549



92.1237, 96.8960, 108.4551



58.4384, 64.1371, 68.8140



19.7490, 20.7723, 23.2185



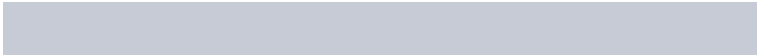
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.6566, 59.5242, 71.4549



83.7540, 87.9641, 107.1722



56.0917, 57.5072, 71.0954



12.0776, 12.6787, 15.7482



8.7987, 5.8591, 39.1203



0.6058, 0.5035, 2.3846

Inverse Universe

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



58.4155, 58.8474, 64.7826



86.7715, 86.8229, 95.7209



60.7807, 65.4787, 62.8624



12.5924, 12.4885, 13.7938



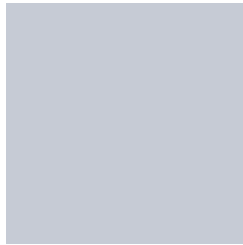
17.5000, 8.9363, 4.6711



1.0934, 0.5542, 0.4813

Previews

White Background



This preview shows how the XYZ color 56.6549, 59.5217, 71.4536 looks on a white background.

Color Contrast Check

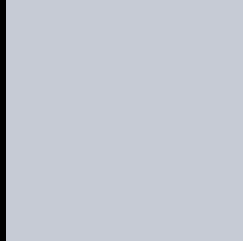
Large Text (above 18pt) WCAG AA × Fail

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 56.6549, 59.5217, 71.4536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

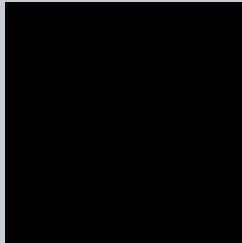
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

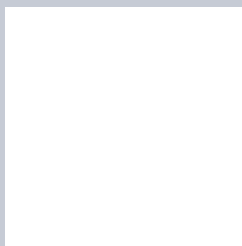
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6549, 59.5217, 71.4536

Background



This preview shows how black text looks on a background with the XYZ color 56.6549, 59.5217, 71.4536.

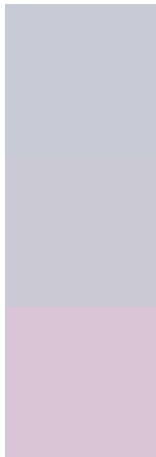


This preview shows how white text looks on a background with the XYZ color 56.6549, 59.5217,

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

56.6549, 59.5217, 71.4536

Protanopia

57.3989, 59.2233, 70.6933

Deuteranopia

60.7191, 59.5393, 71.9103



Tritanopia

57.3286, 59.4451, 74.7822

Trichromacy



Original Color

56.6549, 59.5217, 71.4536

Protanomaly

57.0916, 59.4120, 70.7460

Deuteranomaly

59.1394, 59.4035, 71.9674

Tritanomaly

57.0684, 59.3410, 73.4119

Monochromacy



Original Color

56.6549, 59.5217, 71.4536

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.7058, 59.6344, 67.5534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6549, 59.5217, 71.4536 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, 203, 213) looks like.

```
.text, #text, p{  
    color:rgb(198, 203, 213)  
}
```

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, 203, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 203, 213) }
```

Border

The CSS property to change the border of an element to XYZ 56.6549, 59.5217, 71.4536 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, 203, 213) }
```


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

```
.border{ border-color:rgb(198, 203, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 203, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 203, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 203, 213);  
box-shadow:4px 4px 4px 4px rgb(198, 203,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6549, 59.5217, 71.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 203, 213) }
```

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

```
.background{ background-color: rgb(198,  
203, 213) }
```

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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