

Converting Colors

XYZ(56.3091, 58.9412, 69.7101)

Have a look what the booklet for
XYZ(56.3091, 58.9412, 69.7101)
contains.

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Color

**XYZ(56.4316, 59.0863,
70.0586)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CAD3
RGB	199, 202, 211
RGB Percent	78%, 79%, 83%
CMY	0.2196, 0.2078, 0.1725
CMYK	0.06, 0.04, 0.00, 0.17
HSL	225°, 12%, 80%
HSV	225°, 6%, 83%
XYZ	56.4316, 59.0863, 70.0586
YIQ	202.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

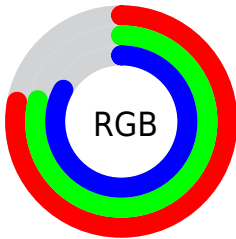
Format	Color
R _Y B	199, 201, 211
Decimal	13093587
CIE Lab	81.34, 0.68, -4.84
CIE LCh	81, 4.883, 277.956
Yxy	59.0863, 0.3041, 0.3184
Android (android.graphics.Color)	4291283667 (0xFFC7CAD3)
YUV	202.1290, 4.3734, -2.7441
Hunter-Lab	76.8676, -3.4743, -0.2307

Details

The XYZ color **56.4316, 59.0863, 70.0586** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7289, 63.0837, 63.0622**, and the grayscale version is **56.1966, 59.1232, 64.3852**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.3528, 29.6339, 36.1238** is the 20% darker color. If you saturate the color by 10%, you get **47.6934, 49.3523, 68.6412**, and if you desaturate by 10%, it is **66.3300, 69.9866, 71.6418**.

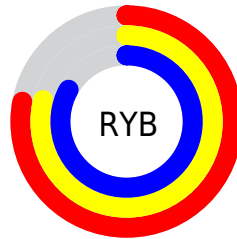
Distribution



Red (78%)

Green (79%)

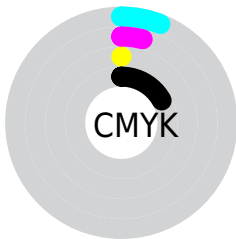
Blue (83%)



Red (78%)

Yellow (79%)

Blue (83%)

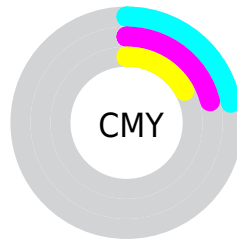


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (17%)



Cyan (22%)

Magenta (21%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4316, 59.0863, 70.0586 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 56.4316, 59.0863, 70.0586 by changing the saturation by 10% instead.

■ 56.4316, 59.0863,
70.0586

■ 56.4316, 59.0863,
70.0586

401.3647,
421.2217, 479.5504

■ 40.7874, 42.6826,
51.0972

98.7715, 103.5031,
120.9742

■ 28.3400, 29.6362,
35.9087

126.1979,
132.2849, 153.7655

■ 18.7238, 19.5626,
24.0746

158.2825,
165.9617, 192.0039

■ 11.5737, 12.0775,
15.1762

195.3905,
204.9176, 236.1078

■ 6.5242, 6.7965,
8.7952

237.8874,
249.5372, 286.4959

■ 3.2101, 3.3351,
4.5128

286.1385,

■ 1.2658, 1.3091,

300.2048, 343.5867

1.9107

340.5092,
357.3048, 407.7987

■ 0.1574, 0.1482,
0.4995

■ 0.0000, 0.0000,
0.0000

■ 56.4316, 59.0863,
70.0586

■ 56.4316, 59.0863,
70.0586

■ 47.6934, 49.3523,
68.6412

■ 66.3300, 69.9866,
71.6418

■ 40.0672, 40.7379,
67.3804

■ 77.4243, 82.0828,
73.3918

■ 33.5087, 33.2041,
66.2719

■ 87.0173, 94.0018,
75.1868

■ 27.9689, 26.7069,
65.3098

■ 88.7581, 97.4832,
75.7671

■ 23.3944, 21.1991,
64.4878

■ 19.7272, 16.6297,
63.7991

■ 16.9024, 12.9426,
63.2363

■ 14.8458, 10.0752,
62.7912

■ 13.4683, 7.9547,
62.4545

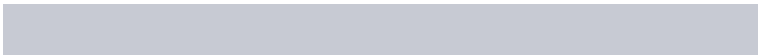
Harmonies

Analogous

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



55.4270, 59.0863, 69.6819



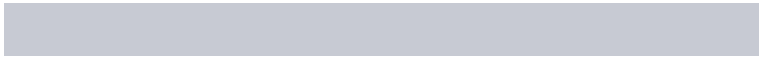
56.4316, 59.0863, 70.0586



57.3745, 59.0863, 68.8654

Triad

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



56.4316, 59.0863, 70.0586



57.7201, 59.0863, 60.9423



54.3617, 59.0863, 62.2501

Complementary

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



56.4316, 59.0863, 70.0586



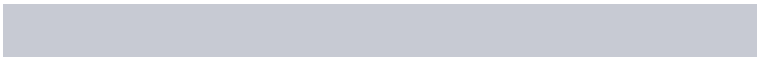
59.7289, 63.0837, 63.0622

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.



54.9623, 59.0863, 60.0077



56.4316, 59.0863, 70.0586



56.8989, 59.0863, 59.2687

Square

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



56.4316, 59.0863, 70.0586



58.1243, 59.0863, 63.5608



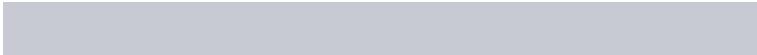
55.8888, 59.0863, 58.9318



54.2400, 59.0863, 65.1154

Rectangle

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



56.4316, 59.0863, 70.0586



57.8384, 59.0863, 67.3608



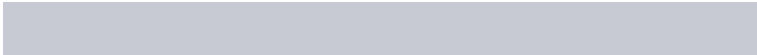
55.8888, 59.0863, 58.9318



54.5140, 59.0863, 61.4011

Sweetspot

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



56.4333, 59.0888, 70.0599



91.9908, 96.6301, 108.4108



58.2090, 63.2759, 68.6921



19.7219, 20.7182, 23.2095



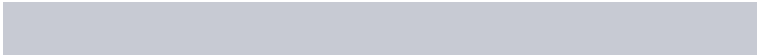
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.4333, 59.0888, 70.0599



84.6634, 88.5269, 107.2329



56.4853, 58.0797, 69.8624



11.7640, 12.2953, 14.9968



7.9280, 4.5026, 37.6437



0.5076, 0.3803, 2.1262

Inverse Universe

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



57.9494, 58.9612, 64.2064



87.5372, 88.3031, 96.1336



59.6727, 64.1520, 63.2713



12.1906, 12.2629, 13.3490



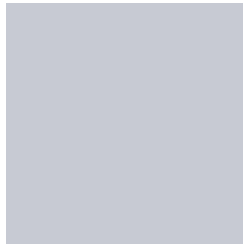
16.6324, 8.5258, 2.9705



0.9624, 0.4897, 0.3370

Previews

White Background



This preview shows how the XYZ color 56.4316, 59.0863, 70.0586 looks on a white background.

Color Contrast Check

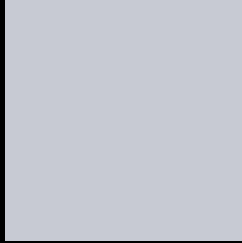
Large Text (above 18pt) WCAG AA × Fail

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 56.4316, 59.0863, 70.0586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

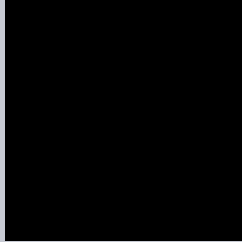
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

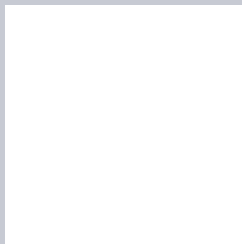
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4316, 59.0863, 70.0586

Background



This preview shows how black text looks on a background with the XYZ color 56.4316, 59.0863, 70.0586.

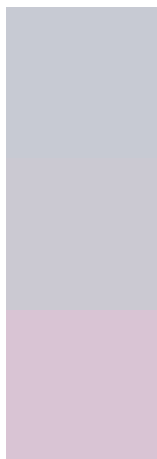


This preview shows how white text looks on a background with the XYZ color 56.4316, 59.0863,

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

56.4316, 59.0863, 70.0586

Protanopia

57.1481, 59.1229, 69.3726

Deuteranopia

60.2389, 58.9850, 70.4977



Tritanopia

57.2304, 59.0624, 74.0295

Trichromacy



Original Color

56.4316, 59.0863, 70.0586

Protanomaly

56.8766, 58.9830, 69.3599

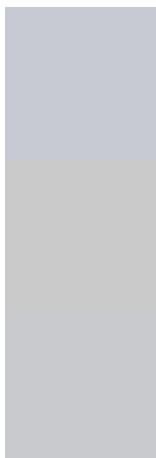
Deuteranomaly

58.6561, 58.8433, 70.5537

Tritanomaly

56.9718, 58.9589, 72.6675

Monochromacy



Original Color

56.4316, 59.0863, 70.0586

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2274, 59.0663, 66.1951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4316, 59.0863, 70.0586 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(199, 202, 211)` looks like.

```
.text, #text, p{  
    color:rgb(199, 202, 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(199, 202, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 202, 211) }
```

Border

The CSS property to change the border of an element to XYZ 56.4316, 59.0863, 70.0586 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(199, 202, 211) }
```


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

```
.border{ border-color:rgb(199, 202, 211) }
```

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

Here you see how a box with a 4 pixel rgb(199, 202, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 202, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 202, 211);  
box-shadow:4px 4px 4px 4px rgb(199, 202,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4316, 59.0863, 70.0586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 202, 211) }
```

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

```
.background{ background-color: rgb(199,  
202, 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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