

Converting Colors

XYZ(55.8974, 58.6525, 69.4912)

Have a look what the booklet for
XYZ(55.8974, 58.6525, 69.4912)
contains.

XYZ(56.0421, 58.9000, 69.3879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.0421, 58.9000,
69.3879)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CAD2
RGB	198, 202, 210
RGB Percent	78%, 79%, 82%
CMY	0.2235, 0.2078, 0.1765
CMYK	0.06, 0.04, 0.00, 0.18
HSL	220°, 12%, 80%
HSV	220°, 6%, 82%
XYZ	56.0421, 58.9000, 69.3879
YIQ	201.7160, -4.9520, 1.6400

Conversions

Conversions Part 2

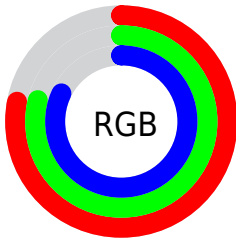
Format	Color
R _Y B	198, 201, 210
Decimal	13028050
CIE Lab	81.24, 0.15, -4.46
CIE LCh	81, 4.463, 271.903
Yxy	58.9000, 0.3040, 0.3195
Android (android.graphics.Color)	4291218130 (0xFFC6CAD2)
YUV	201.7160, 4.0840, -3.2589
Hunter-Lab	76.7463, -3.9609, 0.1172

Details

The XYZ color **56.0421, 58.9000, 69.3879** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8428, 61.9209, 62.2776**, and the grayscale version is **55.9411, 58.8544, 64.0924**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.0923, 29.5094, 35.6678** is the 20% darker color. If you saturate the color by 10%, you get **47.7503, 49.9714, 68.1024**, and if you desaturate by 10%, it is **65.4026, 68.8248, 70.8111**.

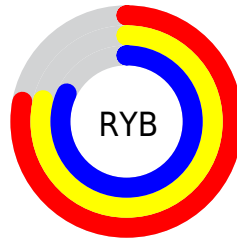
Distribution



Red (78%)

Green (79%)

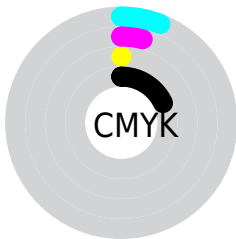
Blue (82%)



Red (78%)

Yellow (79%)

Blue (82%)

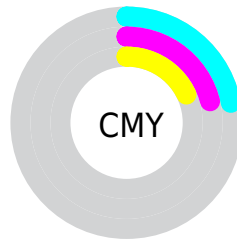


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0421, 58.9000, 69.3879 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 56.0421, 58.9000, 69.3879 by changing the saturation by 10% instead.

■ 56.0421, 58.9000,
69.3879

■ 56.0421, 58.9000,
69.3879

399.9226,
420.5312, 477.1288

■ 40.4738, 42.5326,
50.5540

98.2056, 103.2323,
120.0084

■ 28.0940, 29.5186,
35.4795

125.5315,
131.9660, 152.6320

■ 18.5374, 19.4735,
23.7460

157.5073,
165.5907, 190.6892

■ 11.4385, 12.0129,
14.9348

194.4984,
204.4906, 234.5986

■ 6.4320, 6.7525,
8.6275

236.8701,
249.0502, 284.7787

■ 3.1527, 3.3078,
4.4056

284.9878,

■ 1.2350, 1.2944,

299.6539, 341.6481

1.8504

339.2169,
356.6861, 405.6253

■ 0.1337, 0.1369,
0.4609

■ 0.0000, 0.0000,
0.0000

■ 56.0421, 58.9000,
69.3879

■ 56.0421, 58.9000,
69.3879

■ 47.7503, 49.9714,
68.1024

■ 65.4026, 68.8248,
70.8111

■ 40.4827, 41.9996,
66.9468

■ 75.8638, 79.7688,
72.3722

■ 34.1995, 34.9533,
65.9179

■ 85.2201, 90.6073,
73.9711

■ 28.8557, 28.7969,
65.0112

■ 88.6330, 97.4332,
75.1087

■ 24.4031, 23.4919,
64.2219

■ 20.7886, 18.9969,
63.5448

■ 17.9531, 15.2666,
62.9742

■ 15.8288, 12.2500,
62.5039

■ 14.3340, 9.8878,
62.1268

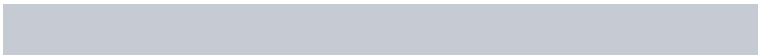
Harmonies

Analogous

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



55.1447, 58.9000, 68.7567



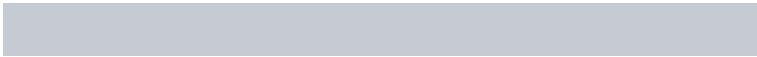
56.0421, 58.9000, 69.3879



56.9331, 58.9000, 68.5787

Triad

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



56.0421, 58.9000, 69.3879



57.5145, 58.9000, 61.4634



54.4200, 58.9000, 61.7503

Complementary

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



56.0421, 58.9000, 69.3879



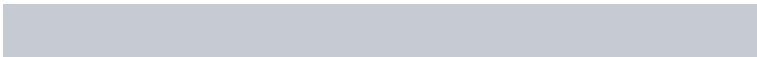
58.8428, 61.9209, 62.2776

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.



55.0429, 58.9000, 59.8819



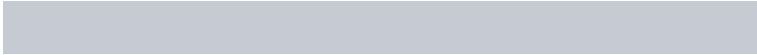
56.0421, 58.9000, 69.3879



56.8291, 58.9000, 59.7196

Square

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



56.0421, 58.9000, 69.3879



57.7890, 58.9000, 63.9621



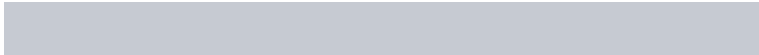
55.9233, 58.9000, 59.1486



54.2144, 58.9000, 64.3023

Rectangle

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



56.0421, 58.9000, 69.3879



57.4018, 58.9000, 67.3440



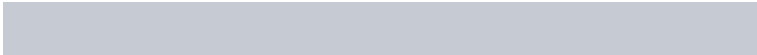
55.9233, 58.9000, 59.1486



54.5872, 58.9000, 61.0239

Sweetspot

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



56.0438, 58.9025, 69.3892



92.1239, 96.8962, 108.4551



57.4525, 62.5465, 67.3108



19.7490, 20.7724, 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.



56.0438, 58.9025, 69.3892



85.1071, 89.4143, 107.3808



55.5939, 57.2941, 69.1025



11.8298, 12.4268, 15.0188



8.5171, 5.6809, 37.8401



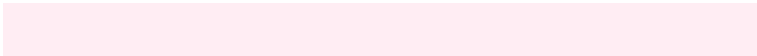
0.5486, 0.4624, 2.1399

Inverse Universe

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



57.4344, 58.3552, 64.1167



87.7611, 88.3927, 97.3131



59.3093, 63.6103, 62.5791



12.2238, 12.2762, 13.5237



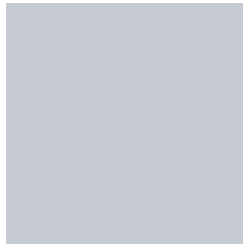
16.9298, 8.6448, 4.5364



0.9831, 0.4980, 0.4461

Previews

White Background



This preview shows how the XYZ color 56.0421, 58.9000, 69.3879 looks on a white background.

Color Contrast Check

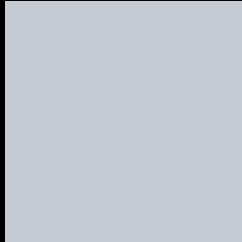
Large Text (above 18pt) WCAG AA × Fail

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 56.0421, 58.9000, 69.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

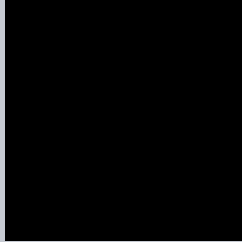
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

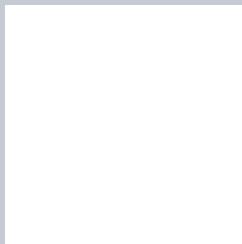
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0421, 58.9000, 69.3879

Background



This preview shows how black text looks on a background with the XYZ color 56.0421, 58.9000, 69.3879.

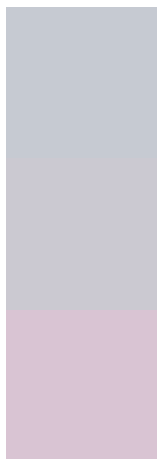


This preview shows how white text looks on a background with the XYZ color 56.0421, 58.9000,

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

56.0421, 58.9000, 69.3879

Protanopia

57.0239, 59.0732, 68.7184

Deuteranopia

60.1131, 58.9347, 69.8353



Tritanopia

56.9642, 58.9252, 74.0170

Trichromacy



Original Color

56.0421, 58.9000, 69.3879

Protanomaly

56.4827, 58.7942, 68.6931

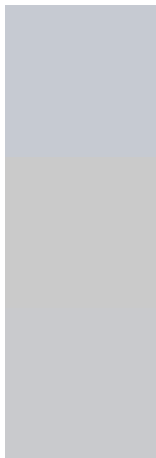
Deuteranomaly

58.5303, 58.7930, 69.8913

Tritanomaly

56.5774, 58.7704, 71.9802

Monochromacy



Original Color

56.0421, 58.9000, 69.3879

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 56.0421, 58.9000, 69.3879 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, 202, 210)` looks like.

```
.text, #text, p{  
    color:rgb(198, 202, 210)  
}
```

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, 202, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 202, 210) }
```

Border

The CSS property to change the border of an element to XYZ 56.0421, 58.9000, 69.3879 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, 202, 210) }
```


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

```
.border{ border-color:rgb(198, 202, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 202, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 202, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 202, 210);  
box-shadow:4px 4px 4px 4px rgb(198, 202,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0421, 58.9000, 69.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 202, 210) }
```

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

```
.background{ background-color: rgb(198,  
202, 210) }
```

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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