

Converting Colors

XYZ(56.1062, 59.1332, 69.7897)

Have a look what the booklet for
XYZ(56.1062, 59.1332, 69.7897)
contains.

XYZ(56.1398, 59.2853, 70.1123)	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(56.1398, 59.2853,
70.1123)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CBD3
RGB	197, 203, 211
RGB Percent	77%, 80%, 83%
CMY	0.2274, 0.2039, 0.1725
CMYK	0.07, 0.04, 0.00, 0.17
HSL	214°, 14%, 80%
HSV	214°, 7%, 83%
XYZ	56.1398, 59.2853, 70.1123
YIQ	202.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

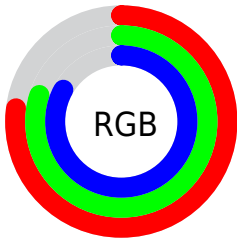
Format	Color
RYB	197, 201, 211
Decimal	12962771
CIELab	81.45, -0.52, -4.69
CIElCh	81, 4.721, 263.674
Yxy	59.2853, 0.3026, 0.3195
Android (android.graphics.Color)	4291152851 (0xFFC5CBD3)
YUV	202.1180, 4.3788, -4.4885
Hunter-Lab	76.9969, -4.5972, -0.0907

Details

The XYZ color **56.1398, 59.2853, 70.1123** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7736, 61.5424, 61.6057**, and the grayscale version is **56.1904, 59.1166, 64.3780**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.1609, 29.7689, 36.1600** is the 20% darker color. If you saturate the color by 10%, you get **48.2606, 51.1624, 68.9606**, and if you desaturate by 10%, it is **65.0171, 68.2545, 71.3766**.

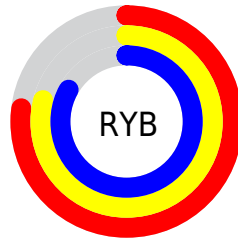
Distribution



Red (77%)

Green (80%)

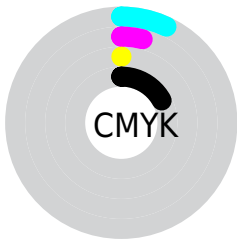
Blue (83%)



Red (77%)

Yellow (79%)

Blue (83%)

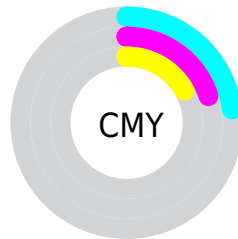


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (17%)



Cyan (23%)

Magenta (20%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1398, 59.2853, 70.1123 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 56.1398, 59.2853, 70.1123 by changing the saturation by 10% instead.

■ 56.1398, 59.2853,
70.1123

■ 56.1398, 59.2853,
70.1123

400.2846,
421.9584, 479.7440

■ 40.5525, 42.8428,
51.1407

98.3476, 103.7922,
121.0515

■ 28.1557, 29.7618,
35.9431

125.6987,
132.6254, 153.8562

■ 18.5841, 19.6579,
24.1009

157.7018,
166.3577, 192.1090

■ 11.4724, 12.1466,
15.1956

194.7223,
205.3734, 236.2285

■ 6.4551, 6.8436,
8.8086

237.1255,
250.0569, 286.6332

■ 3.1670, 3.3645,
4.5215

285.2767,

■ 1.2427, 1.3248,

300.7926, 343.7417

1.9156

339.5413,
357.9650, 407.9724

■ 0.1397, 0.1603,
0.5026

■ 0.0000, 0.0000,
0.0000

■ 56.1398, 59.2853,
70.1123

■ 56.1398, 59.2853,
70.1123

■ 48.2606, 51.1624,
68.9606

■ 65.0171, 68.2545,
71.3766

■ 41.3374, 43.8518,
67.9144

■ 74.9222, 78.0877,
72.7525

■ 35.3325, 37.3280,
66.9717

■ 83.9124, 87.7919,
74.1518

■ 30.2038, 31.5613,
66.1289

■ 87.5628, 95.0928,
75.3686

■ 25.9055, 26.5198,
65.3824

■ 88.7580, 97.4832,
75.7670

■ 22.3872, 22.1689,
64.7280

■ 19.5926, 18.4704,
64.1614

■ 17.4566, 15.3812,
63.6777

■ 15.8968, 12.8487,
63.2711

Harmonies

Analogous

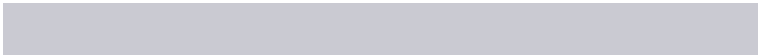
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.2309, 59.2853, 69.0355



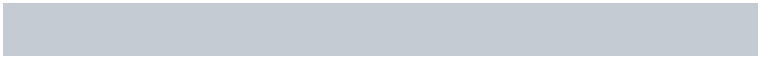
56.1398, 59.2853, 70.1123



57.1152, 59.2853, 69.6644

Triad

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



56.1398, 59.2853, 70.1123



58.1070, 59.2853, 62.3913



54.8320, 59.2853, 61.3816

Complementary

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



56.1398, 59.2853, 70.1123



58.7736, 61.5424, 61.6057

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.



55.5894, 59.2853, 59.6953



56.1398, 59.2853, 70.1123



57.4819, 59.2853, 60.2662

Square

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



56.1398, 59.2853, 70.1123



58.2585, 59.2853, 65.1531



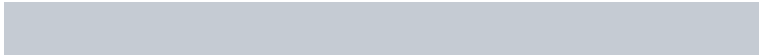
56.5585, 59.2853, 59.2930



54.4815, 59.2853, 63.9539

Rectangle

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



56.1398, 59.2853, 70.1123



57.6711, 59.2853, 68.5678



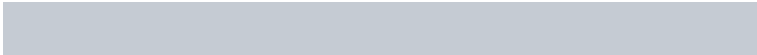
56.5585, 59.2853, 59.2930



55.0470, 59.2853, 60.6954

Sweetspot

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



56.1415, 59.2878, 70.1136



92.2762, 97.2008, 108.5059



57.3327, 62.8644, 66.8287



19.7800, 20.8344, 23.2289



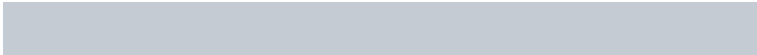
0.0000, 0.0000, 0.0000



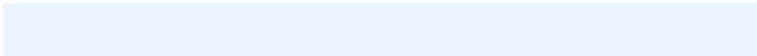
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1415, 59.2878, 70.1136



84.3336, 89.1232, 107.3654



54.9964, 56.6336, 69.6616



11.5745, 12.2393, 14.9960



9.4238, 7.4942, 38.1423



0.6050, 0.5751, 2.1587

Inverse Universe

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



57.6111, 58.0945, 64.6797



87.0641, 86.9399, 97.2613



59.9706, 64.3321, 62.0811



12.0161, 11.8912, 13.3608



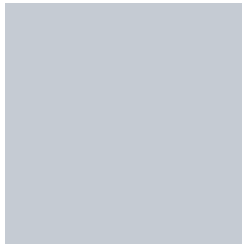
17.3874, 8.8278, 6.9463



1.0116, 0.5093, 0.5958

Previews

White Background



This preview shows how the XYZ color 56.1398, 59.2853, 70.1123 looks on a white background.

Color Contrast Check

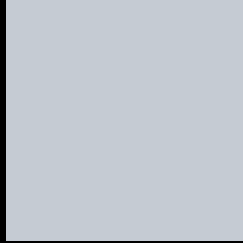
Large Text (above 18pt) WCAG AA × Fail

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 56.1398, 59.2853, 70.1123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

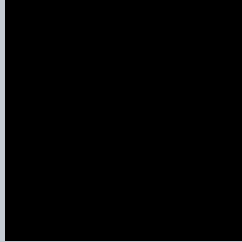
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

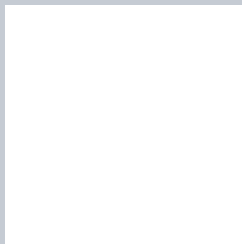
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1398, 59.2853, 70.1123

Background



This preview shows how black text looks on a background with the XYZ color 56.1398, 59.2853, 70.1123.



This preview shows how white text looks on a background with the XYZ color 56.1398, 59.2853,

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

56.1398, 59.2853, 70.1123

Protanopia

57.4213, 59.2638, 69.3854

Deuteranopia

60.2389, 58.9850, 70.4977



Tritanopia

57.0641, 59.3088, 74.7698

Trichromacy



Original Color

56.1398, 59.2853, 70.1123

Protanomaly

56.8408, 59.3117, 69.4252

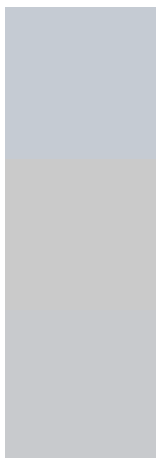
Deuteranomaly

58.8854, 59.3020, 70.6302

Tritanomaly

56.6750, 59.1531, 72.7206

Monochromacy



Original Color

56.1398, 59.2853, 70.1123

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9594, 58.9282, 66.1825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1398, 59.2853, 70.1123 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, 203, 211) looks like.

```
.text, #text, p{  
    color:rgb(197, 203, 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, 203, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 203, 211) }
```

Border

The CSS property to change the border of an element to XYZ 56.1398, 59.2853, 70.1123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

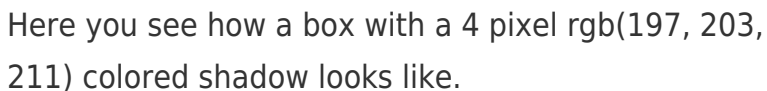
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 203, 211) }
```


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

```
.border{ border-color:rgb(197, 203, 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, 203, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 203, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 203, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 203,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1398, 59.2853, 70.1123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 203, 211) }
```

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

```
.background{ background-color: rgb(197,  
203, 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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