

Converting Colors

XYZ(56.3840, 59.6982, 69.9166)

Have a look what the booklet for
XYZ(56.3840, 59.6982, 69.9166)
contains.

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Color

**XYZ(56.3767, 59.7592,
70.1913)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CCD3
RGB	197, 204, 211
RGB Percent	77%, 80%, 83%
CMY	0.2274, 0.2000, 0.1725
CMYK	0.07, 0.03, 0.00, 0.17
HSL	210°, 14%, 80%
HSV	210°, 7%, 83%
XYZ	56.3767, 59.7592, 70.1913
YIQ	202.7050, -6.4190, 0.6930

Conversions

Conversions Part 2

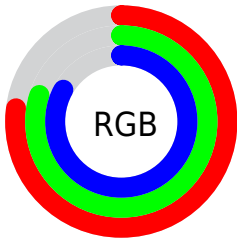
Format	Color
RYB	197, 202, 211
Decimal	12963027
CIELab	81.71, -1.05, -4.31
CIELCh	82, 4.436, 256.346
Yxy	59.7592, 0.3026, 0.3207
Android (android.graphics.Color)	4291153107 (0xFFC5CCD3)
YUV	202.7050, 4.0894, -5.0033
Hunter-Lab	77.3041, -5.1048, 0.2781

Details

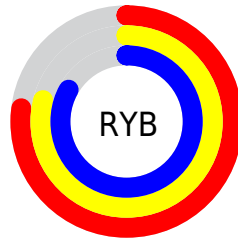
The XYZ color **56.3767, 59.7592, 70.1913** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5351, 61.0653, 61.5260**, and the grayscale version is **56.5592, 59.5047, 64.8007**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.3198, 30.0867, 36.2130** is the 20% darker color. If you saturate the color by 10%, you get **48.8120, 52.2652, 69.1444**, and if you desaturate by 10%, it is **64.8879, 67.9963, 71.3336**.

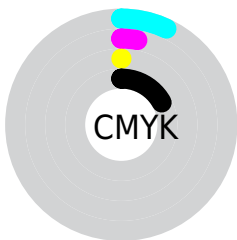
Distribution



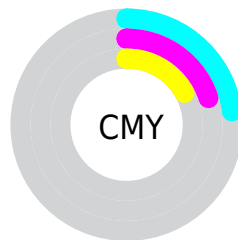
- Red (77%)
- Green (80%)
- Blue (83%)



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



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3767, 59.7592, 70.1913 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 56.3767, 59.7592, 70.1913 by changing the saturation by 10% instead.

■ 56.3767, 59.7592,
70.1913

■ 56.3767, 59.7592,
70.1913

401.1616,
423.7096, 480.0287

■ 40.7432, 43.2246,
51.2047

98.6918, 104.4803,
121.1652

■ 28.3053, 30.0614,
35.9937

126.1040,
133.4355, 153.9896

■ 18.6975, 19.8852,
24.1397

158.1733,
167.2998, 192.2637

■ 11.5546, 12.3116,
15.2241

195.2649,
206.4574, 236.4061

■ 6.5112, 6.9563,
8.8285

237.7441,
251.2928, 286.8352

■ 3.2019, 3.4348,
4.5342

285.9765,

■ 1.2614, 1.3627,

302.1904, 343.9697

1.9227

340.3272,
359.5345, 408.2280

■ 0.1541, 0.1890,
0.5071

■ 0.0000, 0.0000,
0.0000

■ 56.3767, 59.7592,
70.1913

■ 56.3767, 59.7592,
70.1913

■ 48.8120, 52.2652,
69.1444

■ 64.8879, 67.9963,
71.3336

■ 42.1533, 45.4837,
68.1864

■ 74.3738, 76.9911,
72.5697

■ 36.3648, 39.3927,
67.3158

■ 82.8901, 85.7473,
73.8110

■ 31.4062, 33.9661,
66.5297

■ 86.0104, 91.9878,
74.8511

■ 27.2334, 29.1758,
65.8251

■ 88.7580, 97.4832,
75.7670

■ 23.7984, 24.9914,
65.1984

■ 21.0469, 21.3790,
64.6462

■ 18.9160, 18.3000,
64.1642

■ 17.3259, 15.7071,
63.7475

Harmonies

Analogous

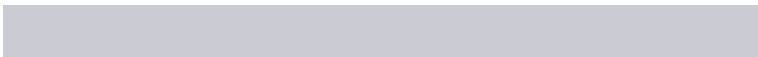
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.5694, 59.7592, 68.8578



56.3767, 59.7592, 70.1913



57.3059, 59.7592, 70.1256

Triad

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



56.3767, 59.7592, 70.1913



58.5390, 59.7592, 63.6317



55.5107, 59.7592, 61.5835

Complementary

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



56.3767, 59.7592, 70.1913



58.5351, 61.0653, 61.5260

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.



56.2957, 59.7592, 60.2589



56.3767, 59.7592, 70.1913



58.0473, 59.7592, 61.4191

Square

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



56.3767, 59.7592, 70.1913



58.5613, 59.7592, 66.2886



57.2241, 59.7592, 60.1995



55.0731, 59.7592, 63.8618

Rectangle

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



56.3767, 59.7592, 70.1913



57.8697, 59.7592, 69.2961



57.2241, 59.7592, 60.1995



55.7423, 59.7592, 61.0147

Sweetspot

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



56.3784, 59.7617, 70.1926



92.3908, 97.4300, 108.5441



57.1923, 62.8083, 66.0899



19.8033, 20.8811, 23.2366



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.



56.3784, 59.7617, 70.1926



84.7724, 90.0008, 107.5117



54.8041, 56.6131, 69.6678



11.6453, 12.3808, 15.0196



10.2808, 9.2083, 38.4280



0.6542, 0.6736, 2.1751

Inverse Universe

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



57.7306, 58.1422, 65.3095



87.2855, 87.0285, 98.4277



60.1793, 64.3537, 62.0741



12.0518, 11.9055, 13.5488



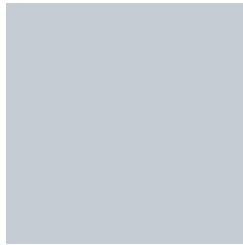
17.8200, 9.0008, 9.2243



1.0364, 0.5193, 0.7267

Previews

White Background



This preview shows how the XYZ color 56.3767, 59.7592, 70.1913 looks on a white background.

Color Contrast Check

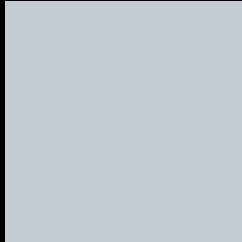
Large Text (above 18pt) WCAG AA × Fail

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 56.3767, 59.7592, 70.1913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

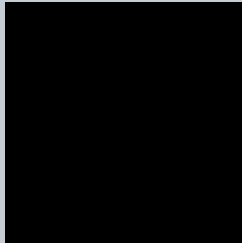
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

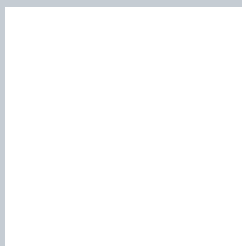
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3767, 59.7592, 70.1913

Background



This preview shows how black text looks on a background with the XYZ color 56.3767, 59.7592, 70.1913.

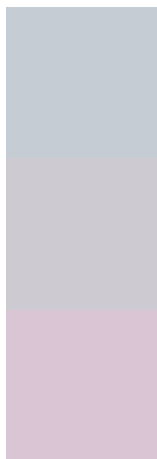


This preview shows how white text looks on a background with the XYZ color 56.3767, 59.7592,

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

56.3767, 59.7592, 70.1913

Protanopia

57.9302, 59.8733, 69.4762

Deuteranopia

60.7634, 59.5914, 70.5871



Tritanopia

57.4308, 59.8321, 75.5397

Trichromacy



Original Color

56.3767, 59.7592, 70.1913

Protanomaly

57.3459, 59.9216, 69.5163

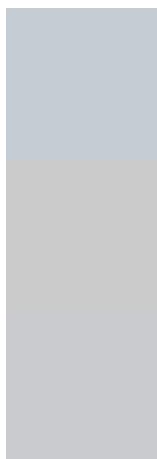
Deuteranomaly

59.1163, 59.7637, 70.7071

Tritanomaly

57.0393, 59.6755, 73.4780

Monochromacy



Original Color

56.3767, 59.7592, 70.1913

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.5839, 59.5856, 66.9114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3767, 59.7592, 70.1913 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, 204, 211) looks like.

```
.text, #text, p{  
    color:rgb(197, 204, 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, 204, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 204, 211) }
```

Border

The CSS property to change the border of an element to XYZ 56.3767, 59.7592, 70.1913 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, 204, 211) }
```


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

```
.border{ border-color:rgb(197, 204, 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, 204, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 204, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 204, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 204,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3767, 59.7592, 70.1913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 204, 211) }
```

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

```
.background{ background-color: rgb(197,  
204, 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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