

Converting Colors

XYZ(56.4522, 59.3938, 67.2016)

Have a look what the booklet for
XYZ(56.4522, 59.3938, 67.2016)
contains.

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Color

**XYZ(56.7058, 59.6344,
67.5534)**

Conversions

Conversions Part 1	
Format	Color
Hex	C9CBCF
RGB	201, 203, 207
RGB Percent	79%, 80%, 81%
CMY	0.2118, 0.2039, 0.1882
CMYK	0.03, 0.02, 0.00, 0.19
HSL	220°, 6%, 80%
HSV	220°, 3%, 81%
XYZ	56.7058, 59.6344, 67.5534
YIQ	202.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

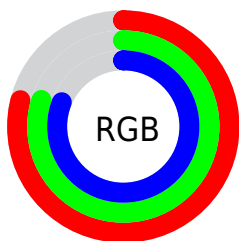
Format	Color
RYB	201, 203, 207
Decimal	13224911
CIELab	81.64, 0.06, -2.24
CIELCh	82, 2.237, 271.591
Yxy	59.6344, 0.3084, 0.3243
Android (android.graphics.Color)	4291414991 (0xFFC9CBCF)
YUV	202.8580, 2.0420, -1.6295
Hunter-Lab	77.2233, -4.0666, 2.1906

Details

The XYZ color 56.7058, 59.6344, 67.5534 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 58.1061, 61.1443, 63.9987, and the grayscale version is 56.6658, 59.6168, 64.9227.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 28.5298, 29.9978, 34.4235 is the 20% darker color. If you saturate the color by 10%, you get 48.3996, 50.7332, 66.2740, and if you desaturate by 10%, it is 66.0550, 69.5065, 68.9671.

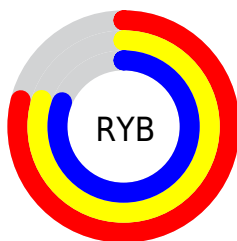
Distribution



Red (79%)

Green (80%)

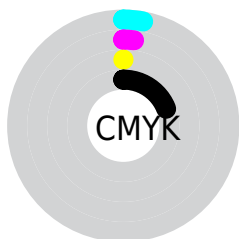
Blue (81%)



Red (79%)

Yellow (80%)

Blue (81%)

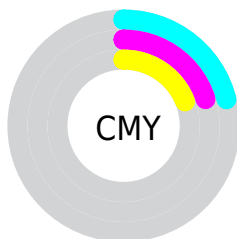


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (19%)



Cyan (21%)


Magenta (20%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7058, 59.6344, 67.5534 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 56.7058, 59.6344, 67.5534 by changing the saturation by 10% instead.


 56.7058, 59.6344,
67.5534

 56.7058, 59.6344,
67.5534


402.3780,
423.2489, 470.4671

 41.0083, 43.1240,
49.0701


99.1696, 104.2991,
117.3612

 28.5133, 29.9824,
34.3091


126.6667,
133.2223, 149.5227

 18.8554, 19.8253,
22.8519

158.8276,
167.0518, 187.0807

 11.6692, 12.2681,
14.2799

196.0178,
206.1721, 230.4538

 6.5894, 6.9265,
8.1746

238.6025,
250.9676, 280.0604

 3.2507, 3.4162,
4.1175


286.9473,

 1.2877, 1.3527,


301.8226, 336.3191


1.6900


341.4173,
359.1215, 399.6485


 0.1740, 0.1815,
0.3539


 0.0000, 0.0000,
0.0000

 56.7058, 59.6344,
67.5534

 56.7058, 59.6344,
67.5534


 48.3996, 50.7332,
66.2740


 66.0550, 69.5065,
68.9671


 41.0939, 42.7649,
65.1210

 76.4773, 80.3708,
70.5148

 34.7508, 35.7000,
64.0917

 84.9643, 90.6884,
72.0589

 29.3281, 29.5046,
63.1816

 88.2627, 97.2851,
73.1584

■ 24.7801, 24.1424,
62.3863

■ 21.0571, 19.5744,
61.7008

■ 18.1038, 15.7581,
61.1199

■ 15.8577, 12.6460,
60.6376

■ 14.2446, 10.1837,
60.2473

Harmonies

Analogous

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



56.2518, 59.6344, 67.2349



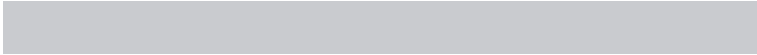
56.7058, 59.6344, 67.5534



57.1554, 59.6344, 67.1614

Triad

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



56.7058, 59.6344, 67.5534



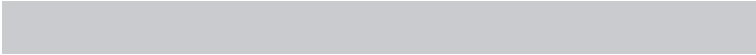
57.4540, 59.6344, 63.5853



55.8895, 59.6344, 63.7081

Complementary

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



56.7058, 59.6344, 67.5534



58.1061, 61.1443, 63.9987

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.



56.2086, 59.6344, 62.7520



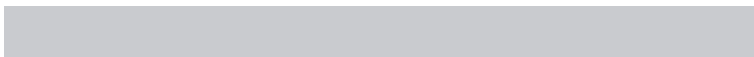
56.7058, 59.6344, 67.5534



57.1118, 59.6344, 62.6818

Square

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



56.7058, 59.6344, 67.5534



57.5889, 59.6344, 64.8599



56.6556, 59.6344, 62.3788



55.7821, 59.6344, 65.0036

Rectangle

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



56.7058, 59.6344, 67.5534



57.3918, 59.6344, 66.5530



56.6556, 59.6344, 62.3788



55.9755, 59.6344, 63.3370

Sweetspot

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



56.7075, 59.6369, 67.5547



93.5786, 98.4407, 108.6766



57.4085, 61.4471, 66.5300



20.0452, 21.0868, 23.2636



0.0000, 0.0000, 0.0000



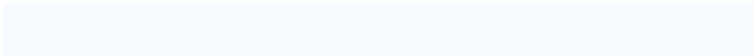
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7075, 59.6369, 67.5547



90.6873, 95.3697, 108.2362



56.4800, 58.8218, 67.4093



12.5513, 13.1976, 15.1295



8.5197, 5.6861, 37.8410



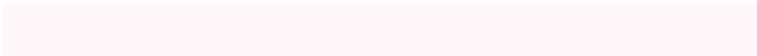
0.5488, 0.4628, 2.1400

Inverse Universe

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



57.3996, 59.3515, 64.9337



91.8482, 94.8919, 103.8391



58.3377, 61.9798, 64.1477



12.7521, 13.1158, 14.3687



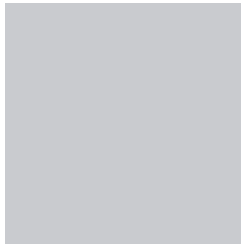
16.9311, 8.6453, 4.5434



0.9832, 0.4980, 0.4465

Previews

White Background



This preview shows how the XYZ color 56.7058, 59.6344, 67.5534 looks on a white background.

Color Contrast Check

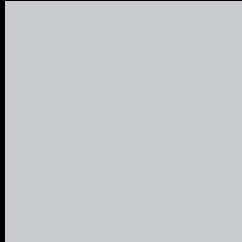
Large Text (above 18pt) WCAG AA × Fail

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 56.7058, 59.6344, 67.5534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

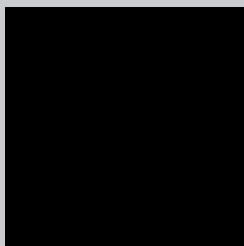
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

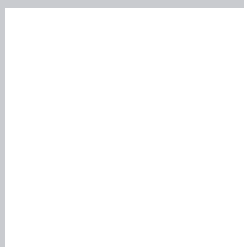
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7058, 59.6344, 67.5534

Background



This preview shows how black text looks on a background with the XYZ color 56.7058, 59.6344, 67.5534.

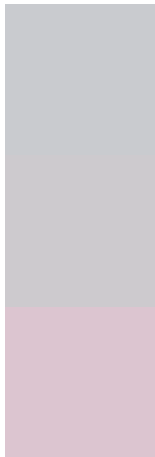


This preview shows how white text looks on a background with the XYZ color 56.7058, 59.6344,

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

56.7058, 59.6344, 67.5534

Protanopia

57.4379, 59.6764, 66.8839

Deuteranopia

60.8666, 59.7022, 67.9902



Tritanopia

58.0396, 59.4796, 74.0673

Trichromacy



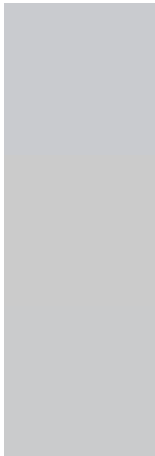
Original Color
56.7058, 59.6344, 67.5534

Protanomaly
57.1629, 59.5347, 66.8710

Deuteranomaly
59.2492, 59.5470, 68.0455

Tritanomaly
57.4879, 59.6017, 71.4251

Monochromacy



Original Color
56.7058, 59.6344, 67.5534

Achromatopsia
56.7640, 59.7202, 65.0353

Achromatomaly
56.6121, 59.6281, 65.6523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7058, 59.6344, 67.5534 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(201, 203, 207) looks like.

```
.text, #text, p{  
    color:rgb(201, 203, 207)  
}
```

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(201, 203, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 203, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.7058, 59.6344, 67.5534 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(201, 203, 207) }
```


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

```
.border{ border-color:rgb(201, 203, 207) }
```

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

Here you see how a box with a 4 pixel rgb(201, 203, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 203, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 203, 207);  
box-shadow:4px 4px 4px 4px rgb(201, 203,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7058, 59.6344, 67.5534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 203, 207) }
```

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

```
.background{ background-color: rgb(201,  
203, 207) }
```

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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