

Converting Colors

XYZ(56.5787, 59.8409, 69.6048)

Have a look what the booklet for
XYZ(56.5787, 59.8409, 69.6048)
contains.

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Color

**XYZ(56.5144, 59.8446,
69.5453)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CCD2
RGB	198, 204, 210
RGB Percent	78%, 80%, 82%
CMY	0.2235, 0.2000, 0.1765
CMYK	0.06, 0.03, 0.00, 0.18
HSL	210°, 12%, 80%
HSV	210°, 6%, 82%
XYZ	56.5144, 59.8446, 69.5453
YIQ	202.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

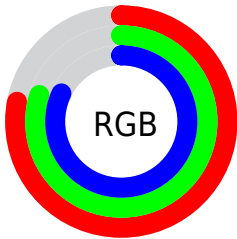
Format	Color
R_{YB}	198, 202, 210
Decimal	13028562
CIE Lab	81.75, -0.91, -3.70
CIE LCh	82, 3.808, 256.237
Yxy	59.8446, 0.3040, 0.3219
Android (android.graphics.Color)	4291218642 (0xFFC6CCD2)
YUV	202.8900, 3.5052, -4.2885
Hunter-Lab	77.3593, -4.9766, 0.8503

Details

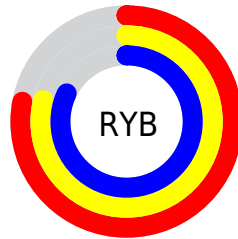
The XYZ color **56.5144, 59.8446, 69.5453** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3644, 60.9641, 62.1181**, and the grayscale version is **56.6783, 59.6300, 64.9371**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.4087, 30.1423, 35.7732** is the 20% darker color. If you saturate the color by 10%, you get **48.9478, 52.3664, 68.5016**, and if you desaturate by 10%, it is **65.0201, 68.0598, 70.6836**.

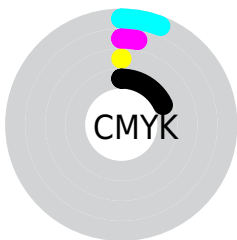
Distribution



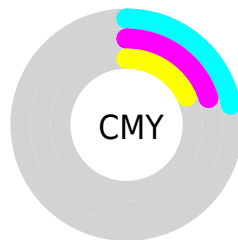
- Red (78%)
- Green (80%)
- Blue (82%)



- Red (78%)
- Yellow (79%)
- Blue (82%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5144, 59.8446, 69.5453 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 56.5144, 59.8446, 69.5453 by changing the saturation by 10% instead.

■ 56.5144, 59.8446,
69.5453

■ 56.5144, 59.8446,
69.5453

401.6709,
424.0247, 477.6978

■ 40.8541, 43.2934,
50.6814

98.8917, 104.6042,
120.2351

■ 28.3923, 30.1154,
35.5802

126.3395,
133.5814, 152.8981

■ 18.7635, 19.9262,
23.8230

158.4471,
167.4694, 190.9979

■ 11.6025, 12.3414,
14.9914

195.5800,
206.6525, 234.9531

■ 6.5439, 6.9766,
8.6668

238.1035,
251.5152, 285.1821

■ 3.2223, 3.4475,
4.4307

286.3828,

■ 1.2724, 1.3696,

302.4419, 342.1035

1.8644

340.7835,
359.8169, 406.1359

■ 0.1624, 0.1941,
0.4700

■ 0.0000, 0.0000,
0.0000

■ 56.5144, 59.8446,
69.5453

■ 56.5144, 59.8446,
69.5453

■ 48.9478, 52.3664,
68.5016

■ 65.0201, 68.0598,
70.6836

■ 42.2803, 45.5947,
67.5459

■ 74.4924, 77.0258,
71.9150

■ 36.4768, 39.5080,
66.6770

■ 82.7213, 85.6098,
73.1382

■ 31.4976, 34.0807,
65.8918

■ 85.8236, 91.8143,
74.1722

■ 27.2997, 29.2853,
65.1875

■ 88.6330, 97.4332,
75.1087

■ 23.8360, 25.0918,
64.5606

■ 21.0533, 21.4671,
64.0076

■ 18.8908, 18.3738,
63.5245

■ 17.2736, 15.7671,
63.1066

Harmonies

Analogous

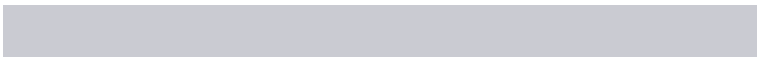
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.8205, 59.8446, 68.4027



56.5144, 59.8446, 69.5453



57.3128, 59.8446, 69.4938

Triad

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



56.5144, 59.8446, 69.5453



58.3740, 59.8446, 63.9334



55.7740, 59.8446, 62.1532

Complementary

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



56.5144, 59.8446, 69.5453



58.3644, 60.9641, 62.1181

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.



56.4504, 59.8446, 61.0114



56.5144, 59.8446, 69.5453



57.9539, 59.8446, 62.0226

Square

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



56.5144, 59.8446, 69.5453



58.3916, 59.8446, 66.2170



57.2482, 59.8446, 60.9642



55.3957, 59.8446, 64.1155

Rectangle

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



56.5144, 59.8446, 69.5453



57.7970, 59.8446, 68.7883



57.2482, 59.8446, 60.9642



55.9737, 59.8446, 61.6627

Sweetspot

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



56.5161, 59.8471, 69.5466



92.3908, 97.4302, 108.5441



57.2113, 62.4500, 66.0407



19.8033, 20.8811, 23.2367



0.0000, 0.0000, 0.0000



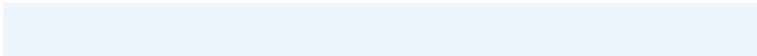
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5161, 59.8471, 69.5466



86.0052, 91.2104, 107.6801



55.1623, 57.1396, 69.0954



11.9630, 12.6931, 15.0632



10.2813, 9.2092, 38.4282



0.6542, 0.6736, 2.1751

Inverse Universe

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



57.6728, 58.4506, 65.3721



88.2144, 88.5740, 99.7000



59.7696, 63.7743, 62.5865



12.2911, 12.3031, 13.8777



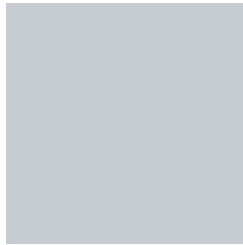
17.8203, 9.0009, 9.2256



1.0365, 0.5193, 0.7268

Previews

White Background



This preview shows how the XYZ color 56.5144, 59.8446, 69.5453 looks on a white background.

Color Contrast Check

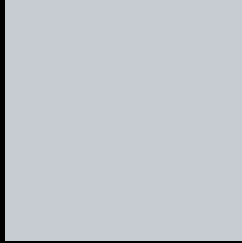
Large Text (above 18pt) WCAG AA × Fail

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 56.5144, 59.8446, 69.5453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

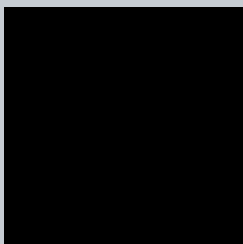
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

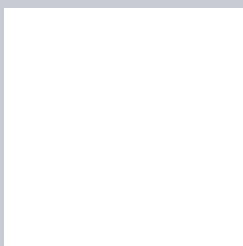
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5144, 59.8446, 69.5453

Background



This preview shows how black text looks on a background with the XYZ color 56.5144, 59.8446, 69.5453.

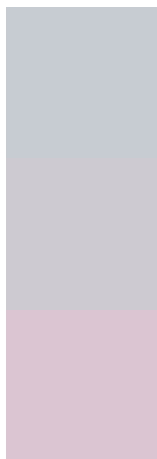


This preview shows how white text looks on a background with the XYZ color 56.5144, 59.8446,

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

56.5144, 59.8446, 69.5453

Protanopia

57.8060, 59.8236, 68.8220

Deuteranopia

60.9375, 59.6957, 69.9387



Tritanopia

57.6953, 59.9685, 75.5520

Trichromacy



Original Color

56.5144, 59.8446, 69.5453

Protanomaly

57.2217, 59.8719, 68.8621

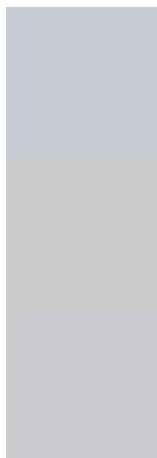
Deuteranomaly

59.2761, 59.8606, 70.0581

Tritanomaly

57.3038, 59.8119, 73.4904

Monochromacy



Original Color

56.5144, 59.8446, 69.5453

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 56.5144, 59.8446, 69.5453 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, 204, 210) looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 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, 204, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 210) }
```

Border

The CSS property to change the border of an element to XYZ 56.5144, 59.8446, 69.5453 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, 204, 210) }
```


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

```
.border{ border-color:rgb(198, 204, 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, 204, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 204, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 204, 210);  
box-shadow:4px 4px 4px 4px rgb(198, 204,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5144, 59.8446, 69.5453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 204, 210) }
```

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

```
.background{ background-color: rgb(198,  
204, 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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