

Converting Colors

XYZ(56.2619, 58.5915, 67.5847)

Have a look what the booklet for
XYZ(56.2619, 58.5915, 67.5847)
contains.

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Color

**XYZ(56.2365, 58.6958,
67.3969)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C9CF
RGB	201, 201, 207
RGB Percent	79%, 79%, 81%
CMY	0.2118, 0.2117, 0.1882
CMYK	0.03, 0.03, 0.00, 0.19
HSL	240°, 6%, 80%
HSV	240°, 3%, 81%
XYZ	56.2365, 58.6958, 67.3969
YIQ	201.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

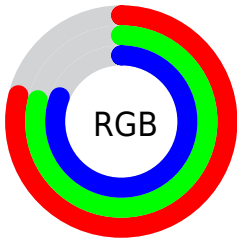
Format	Color
R _Y B	201, 201, 207
Decimal	13224399
CIE Lab	81.12, 1.12, -2.99
CIE LCh	81, 3.194, 290.479
Yxy	58.6958, 0.3084, 0.3219
Android (android.graphics.Color)	4291414479 (0xFFC9C9CF)
YUV	201.6840, 2.6208, -0.5999
Hunter-Lab	76.6132, -3.0484, 1.4716

Details

The XYZ color **56.2365, 58.6958, 67.3969** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5876, 62.1073, 64.1592**, and the grayscale version is **55.9286, 58.8413, 64.0781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.2161, 29.3704, 34.3189** is the 20% darker color. If you saturate the color by 10%, you get **46.5405, 47.0151, 65.6542**, and if you desaturate by 10%, it is **67.3353, 72.0671, 69.3937**.

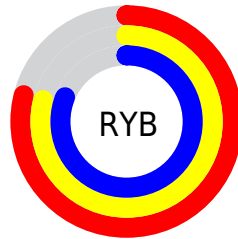
Distribution



Red (79%)

Green (79%)

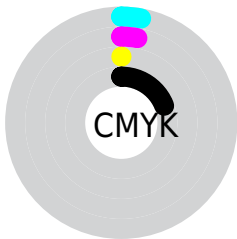
Blue (81%)



Red (79%)

Yellow (79%)

Blue (81%)

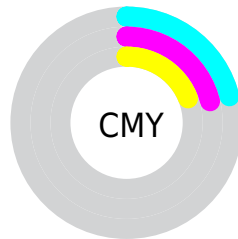


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (19%)



Cyan (21%)

Magenta (21%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2365, 58.6958, 67.3969 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 56.2365, 58.6958, 67.3969 by changing the saturation by 10% instead.

■ 56.2365, 58.6958,
67.3969

■ 56.2365, 58.6958,
67.3969

400.6428,
419.7737, 469.8961

■ 40.6303, 42.3683,
48.9436

98.4881, 102.9354,
117.1350

■ 28.2167, 29.3898,
34.2095

125.8642,
131.6163, 149.2569

■ 18.6304, 19.3759,
22.7759

157.8943,
165.1838, 186.7721

■ 11.5059, 11.9422,
14.2244

194.9438,
204.0222, 230.0991

■ 6.4780, 6.7043,
8.1364

237.3781,
248.5160, 279.6564

■ 3.1813, 3.2779,
4.0933

285.5624,

■ 1.2503, 1.2785,

299.0496, 335.8627

1.6767

339.8622,
356.0074, 399.1364

■ 0.1456, 0.1244,
0.3447

■ 0.0000, 0.0000,
0.0000

■ 56.2365, 58.6958,
67.3969

■ 56.2365, 58.6958,
67.3969

■ 46.5405, 47.0151,
65.6542

■ 67.3353, 72.0671,
69.3937

■ 38.1868, 36.9507,
64.1519

■ 79.8842, 87.1847,
71.6503

■ 31.1176, 28.4336,
62.8805

■ 88.2627, 97.2851,
73.1583

■ 25.2694, 21.3871,
61.8286

■ 20.5730, 15.7281,
60.9839

■ 16.9524, 11.3651,
60.3325

■ 14.3225, 8.1954,
59.8593

■ 12.5853, 6.1012,
59.5467

■ 11.6230, 4.9405,
59.3734

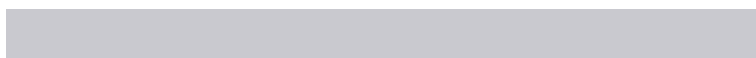
Harmonies

Analogous

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



55.5777, 58.6958, 67.5843



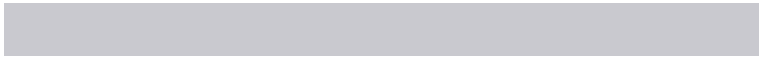
56.2365, 58.6958, 67.3969



56.7793, 58.6958, 66.2651

Triad

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



56.2365, 58.6958, 67.3969



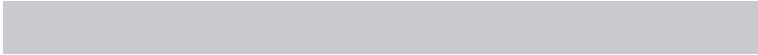
56.6051, 58.6958, 61.1303



54.5388, 58.6958, 63.3068

Complementary

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



56.2365, 58.6958, 67.3969



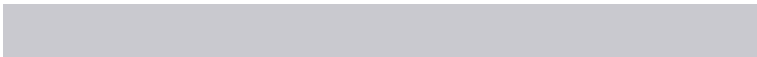
58.5876, 62.1073, 64.1592

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.



54.8095, 58.6958, 61.6109



56.2365, 58.6958, 67.3969



56.0001, 58.6958, 60.3708

Square

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



56.2365, 58.6958, 67.3969



56.9933, 58.6958, 62.6389



55.3431, 58.6958, 60.5450



54.6010, 58.6958, 65.1976

Rectangle

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



56.2365, 58.6958, 67.3969



57.0007, 58.6958, 65.1394



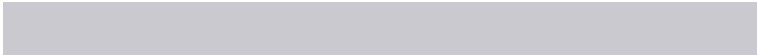
55.3431, 58.6958, 60.5450



54.5938, 58.6958, 62.6956

Sweetspot

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



56.2382, 58.6983, 67.3982



93.3104, 97.9043, 108.5872



57.6513, 61.5442, 67.8089



19.9906, 20.9776, 23.2454



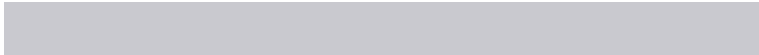
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.2382, 58.6983, 67.3982



89.9006, 93.7964, 107.9740



57.0244, 59.1024, 67.4347



12.4158, 12.9266, 15.0844



7.0969, 2.8405, 37.3667



0.3970, 0.1592, 2.0894

Inverse Universe

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



57.1627, 59.2568, 63.6862



91.4512, 94.7331, 101.7481



57.7856, 61.6951, 64.1219



12.6838, 13.0885, 14.0086



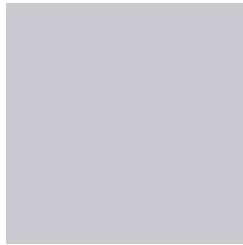
16.2129, 8.3580, 0.7616



0.9066, 0.4674, 0.0431

Previews

White Background



This preview shows how the XYZ color 56.2365, 58.6958, 67.3969 looks on a white background.

Color Contrast Check

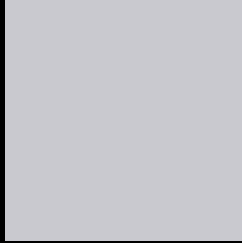
Large Text (above 18pt) WCAG AA × Fail

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 56.2365, 58.6958, 67.3969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

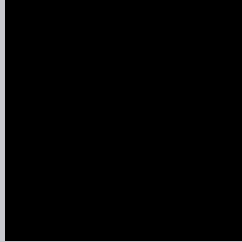
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

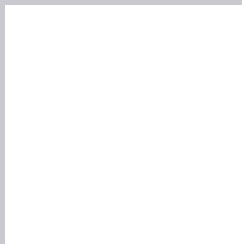
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2365, 58.6958, 67.3969

Background



This preview shows how black text looks on a background with the XYZ color 56.2365, 58.6958, 67.3969.

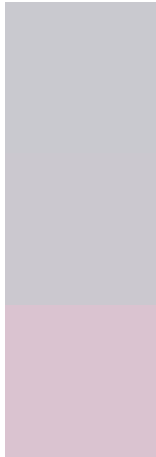


This preview shows how white text looks on a background with the XYZ color 56.2365, 58.6958,

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

56.2365, 58.6958, 67.3969

Protanopia

56.5454, 58.5101, 67.3448

Deuteranopia

59.8137, 58.4897, 67.8116



Tritanopia

57.2771, 58.7714, 72.6152

Trichromacy



Original Color

56.2365, 58.6958, 67.3969

Protanomaly

56.2739, 58.3701, 67.3321

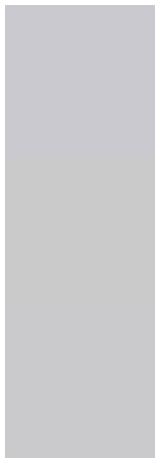
Deuteranomaly

58.5028, 58.4836, 67.8795

Tritanomaly

56.8951, 58.6186, 70.6032

Monochromacy



Original Color

56.2365, 58.6958, 67.3969

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.3767, 59.1572, 65.5739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2365, 58.6958, 67.3969 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, 201, 207)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 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, 201, 207) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 56.2365, 58.6958, 67.3969 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, 201, 207) }
```


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

```
.border{ border-color:rgb(201, 201, 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, 201, 207) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 56.2365, 58.6958, 67.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(201,  
201, 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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