

Converting Colors

XYZ(56.3652, 59.2925, 72.9305)

Have a look what the booklet for
XYZ(56.3652, 59.2925, 72.9305)
contains.

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Color

**XYZ(56.3866, 59.3539,
72.7745)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CBD7
RGB	196, 203, 215
RGB Percent	77%, 80%, 84%
CMY	0.2314, 0.2039, 0.1569
CMYK	0.09, 0.06, 0.00, 0.16
HSL	218°, 19%, 81%
HSV	218°, 9%, 84%
XYZ	56.3866, 59.3539, 72.7745
YIQ	202.2750, -8.0240, 2.2480

Conversions

Conversions Part 2

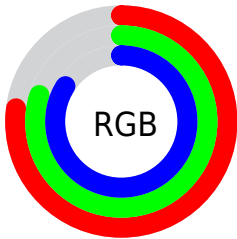
Format	Color
R _Y B	196, 201, 215
Decimal	12897239
CIE Lab	81.49, -0.07, -6.79
CIE LCh	81, 6.787, 269.423
Yxy	59.3539, 0.2991, 0.3148
Android (android.graphics.Color)	4291087319 (0xFFC4CBD7)
YUV	202.2750, 6.2734, -5.5032
Hunter-Lab	77.0415, -4.1786, -2.0772

Details

The XYZ color **56.3866, 59.3539, 72.7745** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5442, 63.5439, 61.2998**, and the grayscale version is **56.2777, 59.2086, 64.4781**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **28.2479, 29.7837, 37.5177** is the 20% darker color. If you saturate the color by 10%, you get **48.1234, 50.5428, 71.5102**, and if you desaturate by 10%, it is **65.7354, 69.1447, 74.1725**.

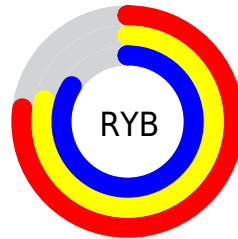
Distribution



Red (77%)

Green (80%)

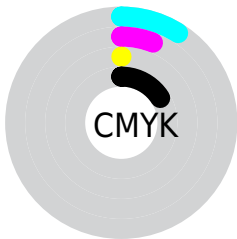
Blue (84%)



Red (77%)

Yellow (79%)

Blue (84%)

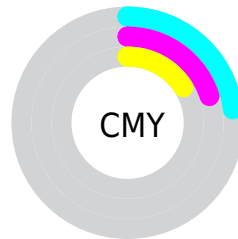


Cyan (9%)

Magenta (6%)

Yellow (0%)

Black (16%)



Cyan (23%)

Magenta (20%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3866, 59.3539, 72.7745 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 56.3866, 59.3539, 72.7745 by changing the saturation by 10% instead.

■ 56.3866, 59.3539,
72.7745

■ 56.3866, 59.3539,
72.7745

401.1983,
422.2122, 489.2827

■ 40.7512, 42.8981,
53.3009

98.7061, 103.8918,
124.8750

■ 28.3115, 29.8052,
37.6537

126.1210,
132.7428, 158.3389

■ 18.7023, 19.6907,
25.4143

158.1930,
166.4941, 197.3034

■ 11.5581, 12.1704,
16.1641

195.2875,
205.5304, 242.1870

■ 6.5136, 6.8599,
9.4848

237.7700,
250.2360, 293.4081

■ 3.2034, 3.3746,
4.9576

286.0057,

■ 1.2622, 1.3303,

300.9952, 351.3855

2.1641

340.3600,
358.1924, 416.5375

■ 0.1547, 0.1645,
0.6535

■ 0.0000, 0.0000,
0.0000

■ 56.3866, 59.3539,
72.7745

■ 56.3866, 59.3539,
72.7745

■ 48.1234, 50.5428,
71.5102

■ 65.7354, 69.1447,
74.1725

■ 40.8996, 42.6720,
70.3717

■ 76.2034, 79.9378,
75.7041

■ 34.6731, 35.7104,
69.3562

■ 85.7758, 90.7062,
77.2780

■ 29.3968, 29.6222,
68.4591

■ 89.2659, 97.6864,
78.4414

■ 25.0196, 24.3689,
67.6759

■ 21.4852, 19.9087,
67.0012

■ 18.7302, 16.1956,
66.4297

■ 16.6809, 13.1772,
65.9551

■ 15.2266, 10.7812,
65.5693

Harmonies

Analogous

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



55.0350, 59.3539, 71.6031



56.3866, 59.3539, 72.7745



57.7676, 59.3539, 71.6875

Triad

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



56.3866, 59.3539, 72.7745



58.8286, 59.3539, 60.8564



54.0933, 59.3539, 60.7254

Complementary

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



56.3866, 59.3539, 72.7745



60.5442, 63.5439, 61.2998

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.



55.0819, 59.3539, 58.0448



56.3866, 59.3539, 72.7745



57.8160, 59.3539, 58.1181

Square

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



56.3866, 59.3539, 72.7745



59.1918, 59.3539, 64.7051



56.4416, 59.3539, 57.1102



53.7247, 59.3539, 64.5476

Rectangle

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



56.3866, 59.3539, 72.7745



58.5158, 59.3539, 69.8532



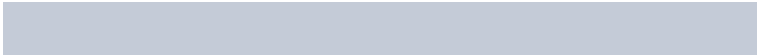
56.4416, 59.3539, 57.1102



54.3633, 59.3539, 59.6669

Sweetspot

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



56.3883, 59.3564, 72.7758



90.7697, 95.5345, 108.2637



58.4167, 64.8777, 68.9366



19.1890, 20.1977, 23.1371



0.0000, 0.0000, 0.0000



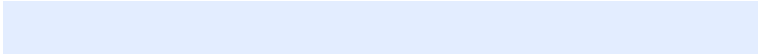
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3883, 59.3564, 72.7758



80.0806, 84.2784, 106.6544



55.3525, 56.4225, 72.2641



12.1137, 12.7509, 15.7602



9.1123, 6.4864, 39.2249



0.6275, 0.5469, 2.3918

Inverse Universe

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



58.5451, 58.2399, 64.6586



84.0237, 82.3021, 91.7994



61.6429, 66.7011, 61.8513



12.6106, 12.4957, 13.8897



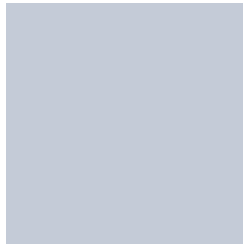
17.6583, 8.9997, 5.5049



1.1044, 0.5585, 0.5389

Previews

White Background



This preview shows how the XYZ color 56.3866, 59.3539, 72.7745 looks on a white background.

Color Contrast Check

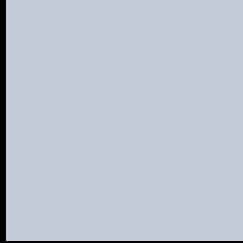
Large Text (above 18pt) WCAG AA × Fail

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 56.3866, 59.3539, 72.7745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

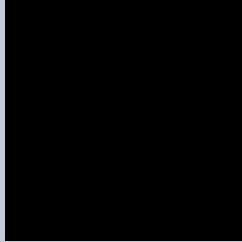
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

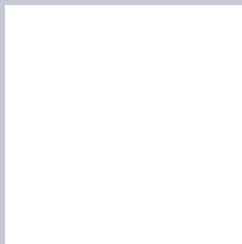
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3866, 59.3539, 72.7745

Background



This preview shows how black text looks on a background with the XYZ color 56.3866, 59.3539, 72.7745.

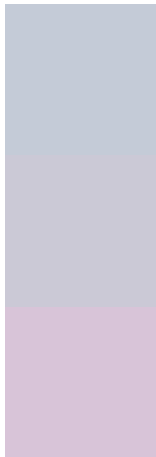


This preview shows how white text looks on a background with the XYZ color 56.3866, 59.3539,

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

56.3866, 59.3539, 72.7745

Protanopia

57.6528, 59.3248, 72.0305

Deuteranopia

60.4535, 59.0367, 73.1747



Tritanopia

56.8014, 59.1733, 74.7575

Trichromacy



Original Color

56.3866, 59.3539, 72.7745

Protanomaly

57.0775, 59.3755, 72.0706

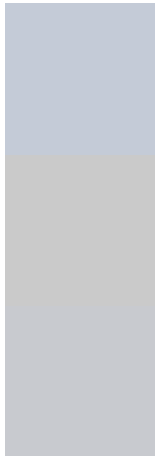
Deuteranomaly

59.1126, 59.3600, 73.3078

Tritanomaly

56.6709, 59.1211, 74.0703

Monochromacy



Original Color

56.3866, 59.3539, 72.7745

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2024, 59.0254, 67.4623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3866, 59.3539, 72.7745 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(196, 203, 215) looks like.

```
.text, #text, p{  
    color:rgb(196, 203, 215)  
}
```

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(196, 203, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 203, 215) }
```

Border

The CSS property to change the border of an element to XYZ 56.3866, 59.3539, 72.7745 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(196, 203, 215) }
```


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

```
.border{ border-color:rgb(196, 203, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 203, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 203, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 203, 215);  
box-shadow:4px 4px 4px 4px rgb(196, 203,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3866, 59.3539, 72.7745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 203, 215) }
```

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

```
.background{ background-color: rgb(196,  
203, 215) }
```

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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