

Converting Colors

XYZ(54.3275, 58.8303, 70.2480)

Have a look what the booklet for
XYZ(54.3275, 58.8303, 70.2480)
contains.

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Color

**XYZ(54.3370, 58.7077,
70.0959)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCCD3
RGB	189, 204, 211
RGB Percent	74%, 80%, 83%
CMY	0.2588, 0.2000, 0.1725
CMYK	0.10, 0.03, 0.00, 0.17
HSL	199°, 20%, 78%
HSV	199°, 10%, 83%
XYZ	54.3370, 58.7077, 70.0959
YIQ	200.3130, -11.1870, -1.0030

Conversions

Conversions Part 2

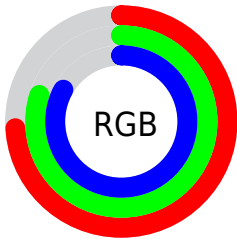
Format	Color
RYB	189, 198, 211
Decimal	12438739
CIELab	81.13, -3.69, -5.23
CIELCh	81, 6.398, 234.767
Yxy	58.7077, 0.2967, 0.3206
Android (android.graphics.Color)	4290628819 (0xFFBDCCD3)
YUV	200.3130, 5.2687, -9.9215
Hunter-Lab	76.6210, -7.5005, -0.6062

Details

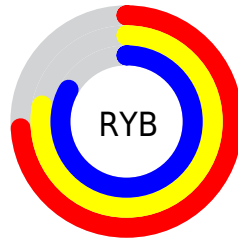
The XYZ color **54.3370, 58.7077, 70.0959** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7895, 57.0025, 56.2073**, and the grayscale version is **55.0675, 57.9353, 63.0915**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **27.1455, 29.4813, 36.1580** is the 20% darker color. If you saturate the color by 10%, you get **47.9186, 53.0833, 69.3495**, and if you desaturate by 10%, it is **61.5890, 64.8670, 70.9035**.

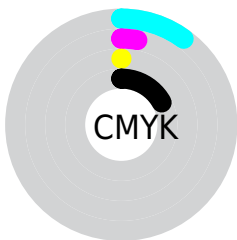
Distribution



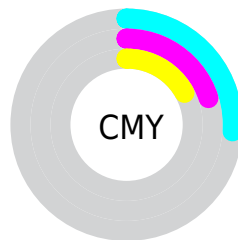
- Red (74%)
- Green (80%)
- Blue (83%)



- Red (74%)
- Yellow (78%)
- Blue (83%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (26%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3370, 58.7077, 70.0959 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 54.3370, 58.7077, 70.0959 by changing the saturation by 10% instead.

■ 54.3370, 58.7077,
70.0959

■ 54.3370, 58.7077,
70.0959

393.5712,
419.8178, 479.6849

■ 39.1029, 42.3779,
51.1274

■ 95.7229, 102.9527,
121.0279

■ 27.0209, 29.3973,
35.9326

122.6054,
131.6367, 153.8285

■ 17.7256, 19.3816,
24.0929

154.1013,
165.2075, 192.0769

■ 10.8516, 11.9463,
15.1897

190.5762,
204.0495, 236.1917

■ 6.0337, 6.7071,
8.8045

232.3952,
248.5472, 286.5913

■ 2.9064, 3.2796,
4.5188

279.9238,

■ 1.1045, 1.2794,

299.0849, 343.6944

1.9141

333.5274,
356.0469, 407.9194

■ 0.0289, 0.1252,
0.5017

■ 0.0000, 0.0000,
0.0000

■ 54.3370, 58.7077,
70.0959

■ 54.3370, 58.7077,
70.0959

■ 47.9186, 53.0833,
69.3495

■ 61.5890, 64.8670,
70.9035

■ 42.2951, 47.9679,
68.6585

■ 69.7011, 71.5715,
71.7700

■ 37.4322, 43.3441,
68.0223

■ 78.7049, 78.8401,
72.6984

■ 33.2911, 39.1905,
67.4389

■ 81.5314, 83.0298,
73.3582

■ 29.8290, 35.4838,
66.9059

■ 83.4442, 86.8555,
73.9958

■ 26.9988, 32.1982,
66.4209

■ 85.4298, 90.8268,
74.6577

■ 24.7464, 29.3046,
65.9810

■ 87.4890, 94.9451,
75.3440

■ 23.0078, 26.7685,
65.5832

■ 88.7581, 97.4832,
75.7671

■ 21.7152, 24.6175,
65.2361

Harmonies

Analogous

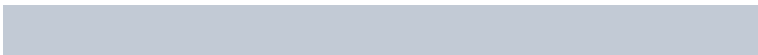
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.5090, 58.7077, 67.0414



54.3370, 58.7077, 70.0959



55.5669, 58.7077, 71.5000

Triad

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



54.3370, 58.7077, 70.0959



58.3865, 58.7077, 64.5933



54.7350, 58.7077, 57.4981

Complementary

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



54.3370, 58.7077, 70.0959



55.7895, 57.0025, 56.2073

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.



56.0336, 58.7077, 56.9006



54.3370, 58.7077, 70.0959



58.1552, 58.7077, 60.9023

Square

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



54.3370, 58.7077, 70.0959



57.9157, 58.7077, 68.2434



57.2888, 58.7077, 58.1230



53.7363, 58.7077, 59.7884

Rectangle

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



54.3370, 58.7077, 70.0959



56.4545, 58.7077, 71.2724



57.2888, 58.7077, 58.1230



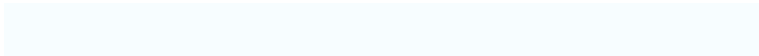
55.1504, 58.7077, 57.0965

Sweetspot

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



54.3387, 58.7102, 70.0972



91.5200, 97.0353, 108.5138



54.2415, 61.3924, 61.1967



19.3915, 20.6027, 23.2046



0.0000, 0.0000, 0.0000



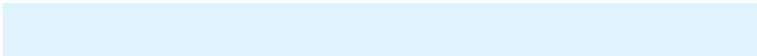
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3387, 58.7102, 70.0972



80.6166, 87.7025, 107.2871



51.8225, 53.6777, 69.2585



11.8281, 12.7465, 15.0806



13.2008, 15.0481, 39.4013



0.8078, 0.9809, 2.2263

Inverse Universe

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



55.9620, 54.6049, 64.7199



83.7201, 79.9823, 96.9777



58.3550, 62.1335, 57.0624



12.1441, 11.9424, 14.0348



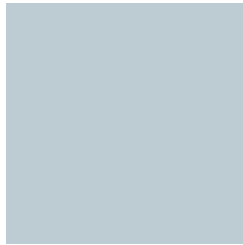
19.2939, 9.5904, 16.9855



1.1140, 0.5503, 1.1351

Previews

White Background



This preview shows how the XYZ color 54.3370, 58.7077, 70.0959 looks on a white background.

Color Contrast Check

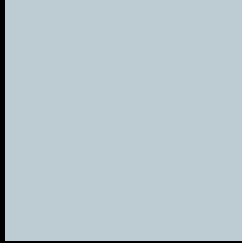
Large Text (above 18pt) WCAG AA × Fail

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 54.3370, 58.7077, 70.0959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

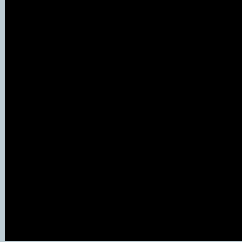
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

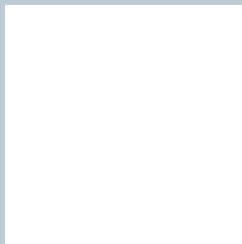
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3370, 58.7077, 70.0959

Background



This preview shows how black text looks on a background with the XYZ color 54.3370, 58.7077, 70.0959.



This preview shows how white text looks on a background with the XYZ color 54.3370, 58.7077,

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

54.3370, 58.7077, 70.0959

Protanopia

56.7915, 58.6085, 68.6409

Deuteranopia

59.8442, 58.4332, 71.0754



Tritanopia

55.3773, 58.7735, 75.4436

Trichromacy



Original Color

54.3370, 58.7077, 70.0959

Protanomaly

55.8082, 58.4322, 69.3099

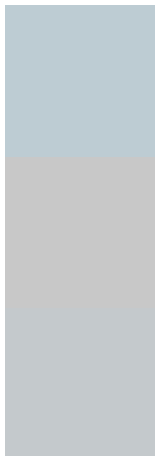
Deuteranomaly

57.5313, 58.2634, 70.5011

Tritanomaly

54.9858, 58.6169, 73.3819

Monochromacy



Original Color

54.3370, 58.7077, 70.0959

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5507, 57.8687, 65.4214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3370, 58.7077, 70.0959 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(189, 204, 211)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 204, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 204, 211) }
```

Border

The CSS property to change the border of an element to XYZ 54.3370, 58.7077, 70.0959 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(189, 204, 211) }
```


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

```
.border{ border-color:rgb(189, 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(189, 204, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 204, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 204, 211);  
box-shadow:4px 4px 4px 4px rgb(189, 204,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3370, 58.7077, 70.0959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 204, 211) }
```

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

```
.background{ background-color: rgb(189,  
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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