

Converting Colors

XYZ(54.9879, 60.1736, 71.0149)

Have a look what the booklet for
XYZ(54.9879, 60.1736, 71.0149)
contains.

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Color

**XYZ(54.9355, 60.0705,
70.9867)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCFD4
RGB	188, 207, 212
RGB Percent	74%, 81%, 83%
CMY	0.2627, 0.1882, 0.1686
CMYK	0.11, 0.02, 0.00, 0.17
HSL	192°, 22%, 78%
HSV	192°, 11%, 83%
XYZ	54.9355, 60.0705, 70.9867
YIQ	201.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

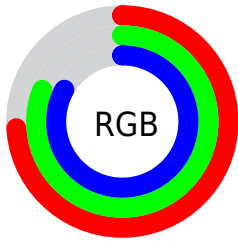
Format	Color
RYB	188, 199, 212
Decimal	12373972
CIELab	81.88, -5.39, -4.67
CIElCh	82, 7.129, 220.909
Yxy	60.0705, 0.2954, 0.3230
Android (android.graphics.Color)	4290564052 (0xFFBCCFD4)
YUV	201.8890, 4.9847, -12.1807
Hunter-Lab	77.5052, -9.1136, -0.0499

Details

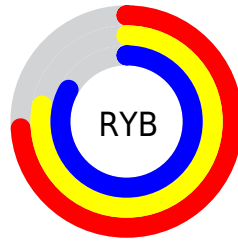
The XYZ color **54.9355, 60.0705, 70.9867** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2987, 55.7674, 55.4275**, and the grayscale version is **56.0469, 58.9657, 64.2137**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **27.4687, 30.3677, 36.3121** is the 20% darker color. If you saturate the color by 10%, you get **49.0377, 55.4663, 70.4098**, and if you desaturate by 10%, it is **61.6339, 65.1351, 71.6122**.

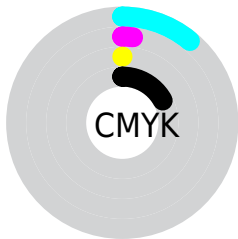
Distribution



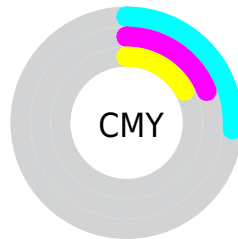
- Red (74%)
- Green (81%)
- Blue (83%)



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



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (26%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9355, 60.0705, 70.9867 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 54.9355, 60.0705, 70.9867 by changing the saturation by 10% instead.

■ 54.9355, 60.0705,
70.9867

■ 54.9355, 60.0705,
70.9867

395.8078,
424.8576, 482.8893

■ 39.5837, 43.4755,
51.8496

■ 96.5953, 104.9319,
122.3091

■ 27.3969, 30.2583,
36.5038

123.6341,
133.9671, 155.3314

■ 18.0097, 20.0348,
24.5308

155.2992,
167.9178, 193.8192

■ 11.0566, 12.4203,
15.5120

191.9560,
207.1684, 238.1910

■ 6.1725, 7.0306,
9.0289

233.9700,
252.1033, 288.8654

■ 2.9919, 3.4813,
4.6630

281.7063,

■ 1.1495, 1.3878,

303.1068, 346.2609

1.9956

335.5305,
360.5635, 410.7960

■ 0.0659, 0.2077,
0.5526

■ 0.0000, 0.0000,
0.0000

■ 54.9355, 60.0705,
70.9867

■ 54.9355, 60.0705,
70.9867

■ 49.0377, 55.4663,
70.4098

■ 61.6339, 65.1351,
71.6122

■ 43.9017, 51.2971,
69.8758

■ 69.1591, 70.6690,
72.2837

■ 39.4932, 47.5467,
69.3842

■ 77.5427, 76.6906,
73.0041

■ 35.7732, 44.1946,
68.9332

■ 79.9573, 79.6804,
73.4539

■ 32.6990, 41.2182,
68.5208

■ 81.1637, 82.0932,
73.8561

■ 30.2228, 38.5927,
68.1445

■ 82.4011, 84.5680,
74.2685

■ 28.2899, 36.2895,
67.8018

■ 83.6698, 87.1055,
74.6915

■ 26.8351, 34.2746,
67.4896

■ 84.9700, 89.7059,
75.1249

■ 25.8611, 32.7081,
67.2386

■ 86.3020, 92.3698,
75.5688

Harmonies

Analogous

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



54.2999, 60.0705, 66.9880



54.9355, 60.0705, 70.9867



56.1537, 60.0705, 73.5572

Triad

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



54.9355, 60.0705, 70.9867



59.8744, 60.0705, 68.1555



56.5492, 60.0705, 57.5997

Complementary

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



54.9355, 60.0705, 70.9867



55.2987, 55.7674, 55.4275

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.



58.0472, 60.0705, 57.8814



54.9355, 60.0705, 70.9867



59.9848, 60.0705, 63.8503

Square

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



54.9355, 60.0705, 70.9867



59.0118, 60.0705, 71.8736



59.3108, 60.0705, 60.1268



55.2206, 60.0705, 59.3395

Rectangle

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



54.9355, 60.0705, 70.9867



57.1411, 60.0705, 74.0502



59.3108, 60.0705, 60.1268



57.0493, 60.0705, 57.4631

Sweetspot

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



54.9372, 60.0730, 70.9880



91.7853, 97.5658, 108.6022



53.8868, 61.6207, 59.3900



19.4633, 20.7462, 23.2285



0.0000, 0.0000, 0.0000



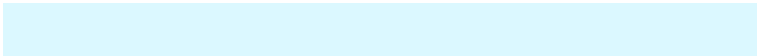
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9372, 60.0730, 70.9880



80.7883, 89.1956, 107.5662



52.1836, 54.5657, 70.0702



12.5625, 13.6484, 15.9098



16.0393, 20.3404, 41.5339



1.0238, 1.3397, 2.5239

Inverse Universe

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



56.3984, 54.4696, 66.5756



83.5261, 78.8302, 99.2688



58.0129, 61.1959, 56.3323



12.8371, 12.5863, 15.0825



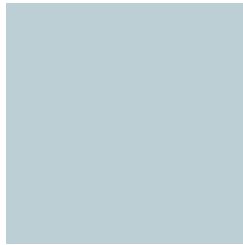
21.1548, 10.3982, 23.9168



1.3044, 0.6386, 1.5925

Previews

White Background



This preview shows how the XYZ color 54.9355, 60.0705, 70.9867 looks on a white background.

Color Contrast Check

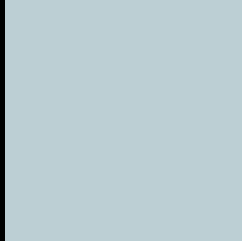
Large Text (above 18pt) WCAG AA × Fail

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 54.9355, 60.0705, 70.9867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

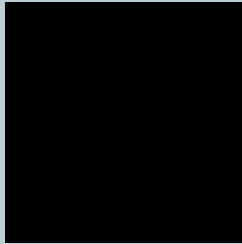
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

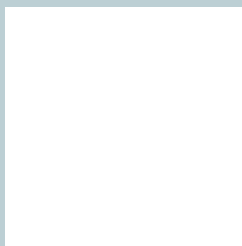
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9355, 60.0705, 70.9867

Background



This preview shows how black text looks on a background with the XYZ color 54.9355, 60.0705, 70.9867.



This preview shows how white text looks on a background with the XYZ color 54.9355, 60.0705,

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

54.9355, 60.0705, 70.9867

Protanopia

57.8060, 59.8236, 68.8220

Deuteranopia

61.0173, 59.6930, 71.9243



Tritanopia

56.2513, 59.8837, 77.7012

Trichromacy



Original Color

54.9355, 60.0705, 70.9867

Protanomaly

56.7789, 59.9810, 69.5577

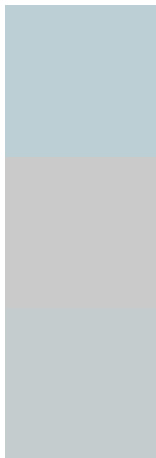
Deuteranomaly

58.6290, 59.8428, 71.4115

Tritanomaly

55.7125, 60.0234, 74.9790

Monochromacy



Original Color

54.9355, 60.0705, 70.9867

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.7594, 59.5123, 66.9407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9355, 60.0705, 70.9867 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(188, 207, 212) looks like.

```
.text, #text, p{  
    color:rgb(188, 207, 212)  
}
```

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(188, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 207, 212) }
```

Border

The CSS property to change the border of an element to XYZ 54.9355, 60.0705, 70.9867 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(188, 207, 212) }
```


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

```
.border{ border-color:rgb(188, 207, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 207, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(188, 207,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9355, 60.0705, 70.9867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 207, 212) }
```

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

```
.background{ background-color: rgb(188,  
207, 212) }
```

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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