

Converting Colors

XYZ(54.1616, 56.8380, 75.6945)

Have a look what the booklet for
XYZ(54.1616, 56.8380, 75.6945)
contains.

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Color

**XYZ(54.0807, 56.7055,
75.8050)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC7DC
RGB	188, 199, 220
RGB Percent	74%, 78%, 86%
CMY	0.2627, 0.2196, 0.1373
CMYK	0.15, 0.10, 0.00, 0.14
HSL	219°, 31%, 80%
HSV	219°, 15%, 86%
XYZ	54.0807, 56.7055, 75.8050
YIQ	198.1050, -13.2970, 4.1990

Conversions

Conversions Part 2

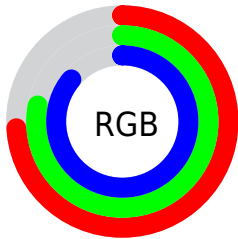
Format	Color
R_{YB}	188, 196, 220
Decimal	12371932
CIE _{Lab}	80.01, 0.47, -11.72
CIE _{LCh}	80, 11.728, 272.297
Yxy	56.7055, 0.2898, 0.3039
Android (android.graphics.Color)	4290562012 (0xFFBCC7DC)
YUV	198.1050, 10.7942, -8.8621
Hunter-Lab	75.3031, -3.5863, -6.9731

Details

The XYZ color **54.0807, 56.7055, 75.8050** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3931, 64.4471, 56.7819**, and the grayscale version is **53.6839, 56.4797, 61.5064**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **26.9086, 28.1183, 39.6065** is the 20% darker color. If you saturate the color by 10%, you get **45.9036, 47.7923, 74.5165**, and if you desaturate by 10%, it is **63.4025, 66.6796, 77.2398**.

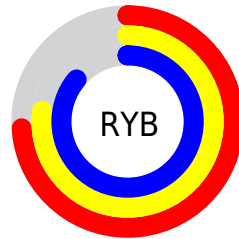
Distribution



Red (74%)

Green (78%)

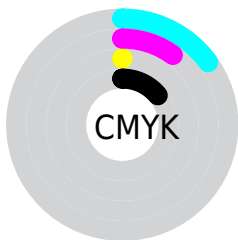
Blue (86%)



Red (74%)

Yellow (77%)

Blue (86%)

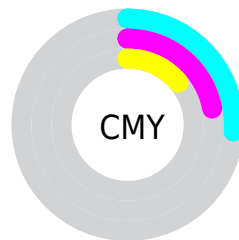


Cyan (15%)

Magenta (10%)

Yellow (0%)

Black (14%)



Cyan (26%)

Magenta (22%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0807, 56.7055, 75.8050 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 54.0807, 56.7055, 75.8050 by changing the saturation by 10% instead.

■ 54.0807, 56.7055,
75.8050

■ 54.0807, 56.7055,
75.8050

392.6110,
412.3449, 500.0090

■ 38.8971, 40.7688,
55.7669

■ 95.3489, 100.0353,
129.2088

■ 26.8601, 28.1385,
39.6133

122.1643,
128.1973, 163.4116

■ 17.6042, 18.4301,
26.9257

153.5876,
161.2032, 203.1730

■ 10.7642, 11.2592,
17.2855

189.9842,
199.4374, 248.9117

■ 5.9746, 6.2415,
10.2741

231.7195,
243.2842, 301.0460

■ 2.8702, 2.9925,
5.4731

279.1588,

■ 1.0855, 1.1278,

293.1282, 359.9947

2.4639

332.6675,
349.3536, 426.1762

■ 0.0129, 0.0015,
0.8209

■ 0.0000, 0.0000,
0.0000

■ 54.0807, 56.7055,
75.8050

■ 54.0807, 56.7055,
75.8050

■ 45.9036, 47.7923,
74.5165

■ 63.4025, 66.6796,
77.2398

■ 38.8200, 39.8961,
73.3657

■ 73.9072, 77.7421,
78.8214

■ 32.7824, 32.9804,
72.3490

■ 85.6373, 89.9286,
80.5554

■ 27.7376, 27.0037,
71.4613

■ 89.9184, 97.9474,
81.8775

■ 23.6273, 21.9208,
70.6969

■ 20.3867, 17.6827,
70.0496

■ 17.9415, 14.2342,
69.5129

■ 16.2031, 11.5116,
69.0790

■ 15.4784, 10.2873,
68.8808

Harmonies

Analogous

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



51.7946, 56.7055, 74.1051



54.0807, 56.7055, 75.8050



56.3824, 56.7055, 73.5128

Triad

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



54.0807, 56.7055, 75.8050



57.8636, 56.7055, 54.9932



49.9410, 56.7055, 55.8407

Complementary

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



54.0807, 56.7055, 75.8050



61.3931, 64.4471, 56.7819

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.



51.4855, 56.7055, 51.3011



54.0807, 56.7055, 75.8050



56.0553, 56.7055, 50.8377

Square

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



54.0807, 56.7055, 75.8050



58.6062, 56.7055, 61.2183



53.7135, 56.7055, 49.5367



49.4469, 56.7055, 62.2700

Rectangle

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



54.0807, 56.7055, 75.8050



57.6041, 56.7055, 70.1210



53.7135, 56.7055, 49.5367



50.3523, 56.7055, 54.0598

Sweetspot

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



54.0824, 56.7079, 75.8063



89.2983, 93.9203, 108.0296



57.8171, 66.4723, 69.9760



18.8885, 19.8640, 23.0886



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.



54.0824, 56.7079, 75.8063



72.4481, 75.8602, 105.4318



52.8439, 52.4461, 75.0489



12.7029, 13.3456, 16.5586



9.1776, 6.2247, 40.4562



0.6732, 0.5606, 2.6472

Inverse Universe

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



57.8085, 55.3069, 61.6639



78.4999, 73.6937, 82.4384



62.7543, 69.2956, 57.6460



13.2399, 13.1251, 14.5246



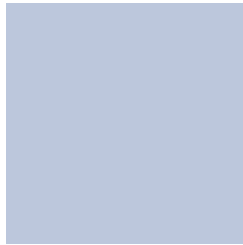
18.1278, 9.2522, 5.0530



1.2141, 0.6153, 0.5365

Previews

White Background



This preview shows how the XYZ color 54.0807, 56.7055, 75.8050 looks on a white background.

Color Contrast Check

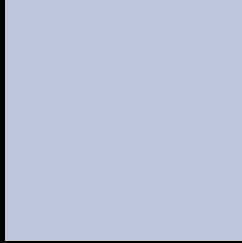
Large Text (above 18pt) WCAG AA × Fail

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 54.0807, 56.7055, 75.8050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

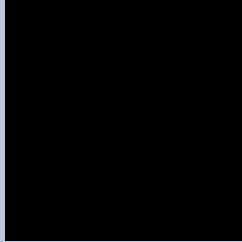
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

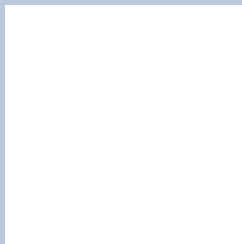
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0807, 56.7055, 75.8050

Background



This preview shows how black text looks on a background with the XYZ color 54.0807, 56.7055, 75.8050.



This preview shows how white text looks on a background with the XYZ color 54.0807, 56.7055,

75.8050.

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

54.0807, 56.7055, 75.8050

Protanopia

55.5174, 56.7827, 75.0519

Deuteranopia

57.8532, 56.6258, 76.2873



Tritanopia

53.5425, 56.8312, 73.1133

Trichromacy



Original Color

54.0807, 56.7055, 75.8050

Protanomaly

54.9726, 56.8401, 75.0917

Deuteranomaly

56.3857, 56.5300, 76.3462

Tritanomaly

53.6722, 56.8831, 73.7964

Monochromacy



Original Color

54.0807, 56.7055, 75.8050

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5828, 56.3137, 66.4380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0807, 56.7055, 75.8050 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, 199, 220)` looks like.

```
.text, #text, p{  
    color:rgb(188, 199, 220)  
}
```

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, 199, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 199, 220) }
```

Border

The CSS property to change the border of an element to XYZ 54.0807, 56.7055, 75.8050 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, 199, 220) }
```


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

```
.border{ border-color:rgb(188, 199, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 199, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 199, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 199, 220);  
box-shadow:4px 4px 4px 4px rgb(188, 199,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0807, 56.7055, 75.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 199, 220) }
```

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

```
.background{ background-color: rgb(188,  
199, 220) }
```

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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