

Converting Colors

XYZ(54.0688, 59.6954, 67.7041)

Have a look what the booklet for
XYZ(54.0688, 59.6954, 67.7041)
contains.

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Color

**XYZ(54.0688, 59.6954,
67.7041)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCFCF
RGB	187, 207, 207
RGB Percent	73%, 81%, 81%
CMY	0.2667, 0.1882, 0.1882
CMYK	0.10, 0.00, 0.00, 0.19
HSL	180°, 17%, 77%
HSV	180°, 10%, 81%
XYZ	54.0688, 59.6954, 67.7041
YIQ	201.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

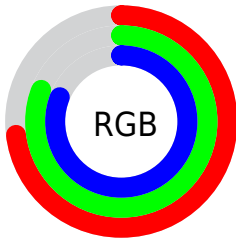
Format	Color
RYB	187, 197, 207
Decimal	12308431
CIELab	81.67, -6.71, -2.31
CIELCh	82, 7.095, 198.960
Yxy	59.6954, 0.2980, 0.3290
Android (android.graphics.Color)	4290498511 (0xFFBBCFCF)
YUV	201.0200, 2.9481, -12.2955
Hunter-Lab	77.2628, -10.2949, 2.1291

Details

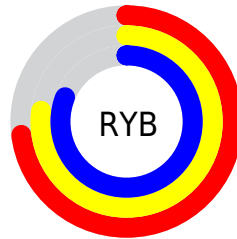
The XYZ color **54.0688, 59.6954, 67.7041** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4742, 52.3955, 54.3641**, and the grayscale version is **55.5187, 58.4100, 63.6085**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **26.9725, 30.1507, 34.5351** is the 20% darker color. If you saturate the color by 10%, you get **49.3653, 57.2723, 67.4832**, and if you desaturate by 10%, it is **59.5057, 62.4998, 67.9618**.

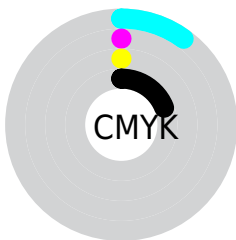
Distribution



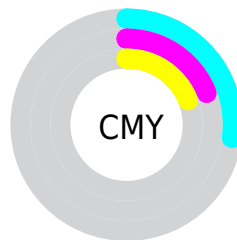
- Red (73%)
- Green (81%)
- Blue (81%)



- Red (73%)
- Yellow (77%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0688, 59.6954, 67.7041 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 54.0688, 59.6954, 67.7041 by changing the saturation by 10% instead.

■ 54.0688, 59.6954,
67.7041

■ 54.0688, 59.6954,
67.7041

392.5664,
423.4741, 471.0165

■ 38.8876, 43.1732,
49.1919

■ 95.3316, 104.3877,
117.5789

■ 26.8526, 30.0210,
34.4050

122.1438,
133.3265, 149.7786

■ 17.5986, 19.8545,
22.9250

153.5637,
167.1730, 187.3779

■ 10.7601, 12.2893,
14.3334

189.9567,
206.3115, 230.7952

■ 5.9719, 6.9411,
8.2115

231.6881,
251.1265, 280.4492

■ 2.8685, 3.4253,
4.1409

279.1233,

■ 1.0846, 1.3576,

302.0024, 336.7584

1.7029

332.6276,
359.3234, 400.1413

■ 0.0122, 0.1851,
0.3627

■ 0.0000, 0.0000,
0.0000

■ 54.0688, 59.6954,
67.7041

■ 54.0688, 59.6954,
67.7041

■ 49.3653, 57.2723,
67.4832

■ 59.5057, 62.4998,
67.9618

■ 45.3590, 55.2071,
67.2937

■ 65.7002, 65.6931,
68.2538

■ 42.0183, 53.4849,
67.1353

■ 72.6814, 69.2920,
68.5825

■ 39.3072, 52.0873,
67.0064

■ 74.8181, 70.3935,
68.6845

37.1861, 50.9939,
66.9051

74.8185, 70.3937,
68.6866

35.6113, 50.1821,
66.8293

74.8189, 70.3938,
68.6886

34.5327, 49.6261,
66.7768

74.8193, 70.3940,
68.6907

33.8912, 49.2955,
66.7448

74.8197, 70.3941,
68.6927

33.5818, 49.1360,
66.7283

74.8201, 70.3943,
68.6948

Harmonies

Analogous

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



53.9695, 59.6954, 63.4377



54.0688, 59.6954, 67.7041



54.8760, 59.6954, 71.3935

Triad

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



54.0688, 59.6954, 67.7041



58.9299, 59.6954, 70.5427



57.2898, 59.6954, 57.2637

Complementary

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



54.0688, 59.6954, 67.7041



52.4742, 52.3955, 54.3641

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.



58.6430, 59.6954, 58.9966



54.0688, 59.6954, 67.7041



59.6010, 59.6954, 66.5840

Square

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



54.0688, 59.6954, 67.7041



57.6758, 59.6954, 73.0814



59.4950, 59.6954, 62.3653



55.8118, 59.6954, 57.5341

Rectangle

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



54.0688, 59.6954, 67.7041



55.7151, 59.6954, 72.9712



59.4950, 59.6954, 62.3653



57.7748, 59.6954, 57.6281

Sweetspot

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



54.0705, 59.6979, 67.7054



92.2911, 98.5778, 108.7699



51.8593, 58.8229, 55.6353



19.6003, 21.0204, 23.2740



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.



54.0705, 59.6979, 67.7054



84.6738, 94.6510, 108.4104



51.7997, 55.1557, 66.9504



12.1583, 13.4071, 15.1902



21.1515, 30.9535, 42.0396



1.1827, 1.7307, 2.3507

Inverse Universe

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



52.4742, 52.3955, 54.3641



81.5128, 80.1904, 81.9912



54.5945, 56.6367, 55.0692



11.8089, 11.8083, 12.2693



16.2125, 8.3579, 0.7595



0.9065, 0.4673, 0.0426

Previews

White Background



This preview shows how the XYZ color 54.0688, 59.6954, 67.7041 looks on a white background.

Color Contrast Check

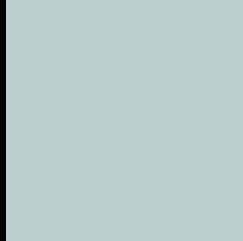
Large Text (above 18pt) WCAG AA × Fail

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 54.0688, 59.6954, 67.7041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

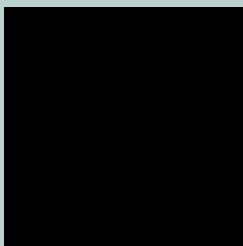
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

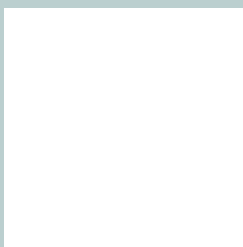
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0688, 59.6954, 67.7041

Background



This preview shows how black text looks on a background with the XYZ color 54.0688, 59.6954, 67.7041.

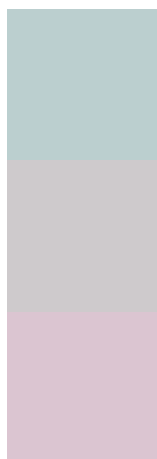


This preview shows how white text looks on a background with the XYZ color 54.0688, 59.6954,

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

54.0688, 59.6954, 67.7041

Protanopia

57.4732, 59.7225, 65.6252

Deuteranopia

60.6883, 59.5960, 68.6262



Tritanopia

55.8687, 59.7019, 76.9856

Trichromacy



Original Color

54.0688, 59.6954, 67.7041

Protanomaly

56.1655, 59.7356, 66.3275

Deuteranomaly

58.0039, 59.5928, 68.1199

Tritanomaly

55.2050, 59.7918, 73.5971

Monochromacy



Original Color

54.0688, 59.6954, 67.7041

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.9004, 58.7594, 64.9481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0688, 59.6954, 67.7041 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(187, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(187, 207, 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(187, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 207, 207) }
```

Border

The CSS property to change the border of an element to XYZ 54.0688, 59.6954, 67.7041 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(187, 207, 207) }
```


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

```
.border{ border-color:rgb(187, 207, 207) }
```

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

Here you see how a box with a 4 pixel rgb(187, 207, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(187, 207,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0688, 59.6954, 67.7041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 207, 207) }
```

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

```
.background{ background-color: rgb(187,  
207, 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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