

Converting Colors

XYZ(54.2809, 54.4305, 59.3463)

Have a look what the booklet for
XYZ(54.2809, 54.4305, 59.3463)
contains.

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Color

**XYZ(54.2133, 54.4671,
59.2856)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBFC3
RGB	207, 191, 195
RGB Percent	81%, 75%, 76%
CMY	0.1882, 0.2510, 0.2353
CMYK	0.00, 0.08, 0.06, 0.19
HSL	345°, 14%, 78%
HSV	345°, 8%, 81%
XYZ	54.2133, 54.4671, 59.2856
YIQ	196.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

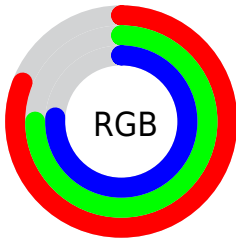
Format	Color
R _Y B	207, 191, 195
Decimal	13615043
CIE Lab	78.73, 6.33, 0.02
CIE LCh	79, 6.327, 0.165
Yxy	54.4671, 0.3228, 0.3243
Android (android.graphics.Color)	4291805123 (0xFFCFBFC3)
YUV	196.2400, -0.6113, 9.4365
Hunter-Lab	73.8018, 1.9692, 4.0331

Details

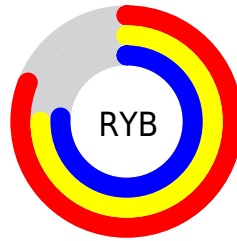
The XYZ color **54.2133, 54.4671, 59.2856** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5803, 60.0153, 65.2104**, and the grayscale version is **52.6147, 55.3548, 60.2814**.

A 20% lighter version of the original color is **92.0715, 94.8098, 105.5429**, and **27.0331, 26.8723, 28.9614** is the 20% darker color. If you saturate the color by 10%, you get **48.3490, 45.4032, 49.1144**, and if you desaturate by 10%, it is **60.9013, 64.8848, 70.6336**.

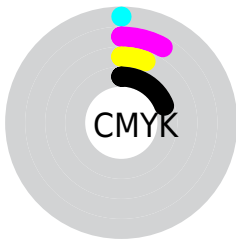
Distribution



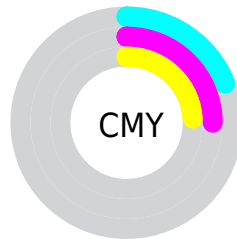
- Red (81%)
- Green (75%)
- Blue (76%)



- Red (81%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (19%)



- Cyan (19%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2133, 54.4671, 59.2856 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 54.2133, 54.4671, 59.2856 by changing the saturation by 10% instead.

■ 54.2133, 54.4671,
59.2856

■ 54.2133, 54.4671,
59.2856

393.1080,
403.8887, 439.6908

■ 39.0036, 38.9752,
42.4215

■ 95.5424, 96.7597,
105.3258

■ 26.9432, 26.7405,
29.1035

122.3925,
124.3293, 135.3391

■ 17.6670, 17.3784,
18.9129

153.8534,
156.6935, 170.5725

■ 10.8094, 10.5046,
11.4312

190.2905,
194.2368, 211.4446

■ 6.0052, 5.7348,
6.2398

232.0692,
237.3436, 258.3740

■ 2.8889, 2.6845,
2.9203

279.5547,

■ 1.0953, 0.9693,

286.3982, 311.7791

1.0541

333.1125,
341.7852, 372.0785

■ 0.0212, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2133, 54.4671,
59.2856

■ 54.2133, 54.4671,
59.2856

■ 48.3490, 45.4032,
49.1144

■ 60.9013, 64.8848,
70.6336

■ 43.2717, 37.6306,
40.0784

■ 68.4388, 76.7013,
83.1912

■ 38.9485, 31.0922,
32.1384

■ 76.8560, 89.9686,
96.9943

■ 35.3425, 25.7242,
25.2520

■ 79.5425, 92.0056,
108.1743

■ 32.4137, 21.4567,
19.3736

■ 30.1179, 18.2126,
14.4543

■ 28.4055, 15.9045,
10.4407

■ 27.2189, 14.4303,
7.2739

■ 26.4790, 13.6459,
4.8836

Harmonies

Analogous

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



53.8851, 54.4671, 62.8007



54.2133, 54.4671, 59.2856



53.8780, 54.4671, 55.9092

Triad

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



54.2133, 54.4671, 59.2856



50.5695, 54.4671, 53.5440



50.5813, 54.4671, 65.4871

Complementary

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



54.2133, 54.4671, 59.2856



54.5803, 60.0153, 65.2104

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.



49.7165, 54.4671, 62.8364



54.2133, 54.4671, 59.2856



49.7097, 54.4671, 55.9422

Square

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



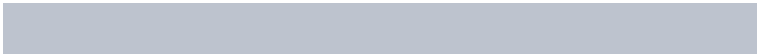
54.2133, 54.4671, 59.2856



51.7624, 54.4671, 52.6770



49.4000, 54.4671, 59.3252



51.7763, 54.4671, 66.4678

Rectangle

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



54.2133, 54.4671, 59.2856



53.3262, 54.4671, 54.1690



49.4000, 54.4671, 59.3252



50.2430, 54.4671, 64.7567

Sweetspot

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



54.2148, 54.4695, 59.2868



92.8346, 96.5451, 105.1530



54.5237, 54.4656, 66.6716



19.8936, 20.7008, 22.5464



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.



54.2148, 54.4695, 59.2868



85.5115, 85.1617, 92.6534



54.6530, 56.0594, 57.2330



11.9282, 11.8560, 12.8975



16.6312, 8.5253, 2.9639



0.9623, 0.4897, 0.3365

Inverse Universe

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



54.2148, 54.4695, 59.2868



85.5115, 85.1617, 92.6534



54.1062, 58.2950, 67.4327



11.9282, 11.8560, 12.8975



16.6312, 8.5253, 2.9639



0.9623, 0.4897, 0.3365

Previews

White Background



This preview shows how the XYZ color 54.2133, 54.4671, 59.2856 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 54.2133, 54.4671, 59.2856 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 54.2133, 54.4671, 59.2856

Background



This preview shows how black text looks on a background with the XYZ color 54.2133, 54.4671, 59.2856.



This preview shows how white text looks on a background with the XYZ color 54.2133, 54.4671,

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

54.2133, 54.4671, 59.2856

Protanopia

52.6585, 54.6206, 60.5907

Deuteranopia

55.4885, 54.4815, 59.2212



Tritanopia

55.3250, 54.5964, 64.7490

Trichromacy



Original Color

54.2133, 54.4671, 59.2856

Protanomaly

53.1212, 54.5430, 59.9526

Deuteranomaly

55.1278, 54.6159, 59.2661

Tritanomaly

54.9685, 54.4539, 62.8718

Monochromacy



Original Color

54.2133, 54.4671, 59.2856

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.0750, 54.8485, 60.0140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2133, 54.4671, 59.2856 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(207, 191, 195) looks like.

```
.text, #text, p{  
    color:rgb(207, 191, 195)  
}
```

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(207, 191, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 191, 195) }
```

Border

The CSS property to change the border of an element to XYZ 54.2133, 54.4671, 59.2856 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(207, 191, 195) }
```


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

```
.border{ border-color:rgb(207, 191, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 191, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 191, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 191, 195);  
box-shadow:4px 4px 4px 4px rgb(207, 191,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2133, 54.4671, 59.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 191, 195) }
```

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

```
.background{ background-color: rgb(207,  
191, 195) }
```

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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