

Converting Colors

XYZ(54.6818, 53.3102, 64.5346)

Have a look what the booklet for
XYZ(54.6818, 53.3102, 64.5346)
contains.

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Color

**XYZ(54.6818, 53.3102,
64.5346)**

Conversions

Conversions Part 1

Format	Color
Hex	D0BBCC
RGB	208, 187, 204
RGB Percent	82%, 73%, 80%
CMY	0.1843, 0.2666, 0.2000
CMYK	0.00, 0.10, 0.02, 0.18
HSL	311°, 18%, 77%
HSV	311°, 10%, 82%
XYZ	54.6818, 53.3102, 64.5346
YIQ	195.2170, 7.0590, 9.7390

Conversions

Conversions Part 2

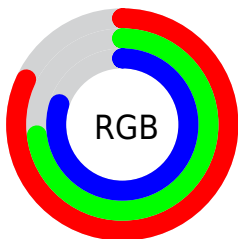
Format	Color
R _Y B	208, 187, 204
Decimal	13679564
CIE Lab	78.06, 10.43, -5.83
CIE LCh	78, 11.949, 330.793
Yxy	53.3102, 0.3169, 0.3090
Android (android.graphics.Color)	4291869644 (0xFFD0BBCC)
YUV	195.2170, 4.3300, 11.2107
Hunter-Lab	73.0138, 5.9087, -1.2949

Details

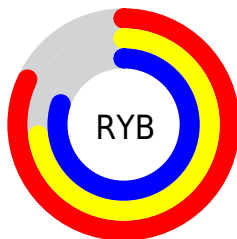
The XYZ color **54.6818, 53.3102, 64.5346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4554, 59.4395, 58.0013**, and the grayscale version is **51.9744, 54.6812, 59.5478**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **27.3565, 26.1222, 32.4544** is the 20% darker color. If you saturate the color by 10%, you get **50.1161, 44.9290, 60.6981**, and if you desaturate by 10%, it is **59.9018, 62.9791, 68.6501**.

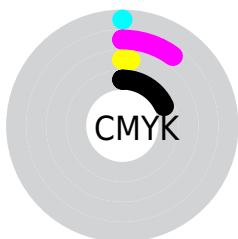
Distribution



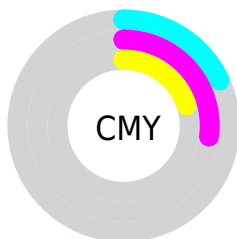
- Red (82%)
- Green (73%)
- Blue (80%)



- Red (82%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6818, 53.3102, 64.5346 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 54.6818, 53.3102, 64.5346 by changing the saturation by 10% instead.

■ 54.6818, 53.3102,
64.5346

■ 54.6818, 53.3102,
64.5346

394.8607,
399.4741, 459.3780

■ 39.3799, 38.0505,
46.6349

■ 96.2256, 95.0607,
112.9874

■ 27.2374, 26.0219,
32.3948

123.1982,
122.3202, 144.3774

■ 17.8891, 16.8400,
21.3959

154.7917,
154.3484, 181.1014

■ 10.9696, 10.1205,
13.2197

191.3715,
191.5298, 223.5777

■ 6.1135, 5.4789,
7.4475

233.3030,
234.2486, 272.2250

■ 2.9556, 2.5309,
3.6608

280.9514,

■ 1.1303, 0.8921,

282.8893, 327.4618

1.4412

334.6822,
337.8364, 389.7066

■ 0.0502, 0.0000,
0.1735

■ 0.0000, 0.0000,
0.0000

■ 54.6818, 53.3102,
64.5346

■ 54.6818, 53.3102,
64.5346

■ 50.1161, 44.9290,
60.6981

■ 59.9018, 62.9791,
68.6501

■ 46.1726, 37.7738,
57.1276

■ 65.7973, 73.9802,
73.0503

■ 42.8234, 31.7882,
53.8140

■ 72.3941, 86.3644,
77.7448

■ 40.0368, 26.9088,
50.7462

■ 74.6713, 90.0895,
81.0603

37.7779, 23.0659,
47.9123

75.2020, 90.3018,
83.8550

36.0078, 20.1821,
45.2987

75.7453, 90.5191,
86.7157

34.6823, 18.1691,
42.8903

76.3011, 90.7414,
89.6428

33.7491, 16.9221,
40.6691

76.8697, 90.9688,
92.6367

33.1157, 16.2512,
38.6212

77.4510, 91.2014,
95.6979

Harmonies

Analogous

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



52.9981, 53.3102, 69.7801



54.6818, 53.3102, 64.5346



55.2828, 53.3102, 57.8683

Triad

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



54.6818, 53.3102, 64.5346



50.6078, 53.3102, 46.1381



46.9178, 53.3102, 64.8653

Complementary

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



54.6818, 53.3102, 64.5346



52.4554, 59.4395, 58.0013

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.



46.3207, 53.3102, 58.2235



54.6818, 53.3102, 64.5346



48.4106, 53.3102, 47.7066

Square

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



54.6818, 53.3102, 64.5346



52.8875, 53.3102, 47.5510



46.8589, 53.3102, 52.0071



48.5149, 53.3102, 69.9811

Rectangle

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



54.6818, 53.3102, 64.5346



54.9746, 53.3102, 53.6090



46.8589, 53.3102, 52.0071



46.5957, 53.3102, 62.7208

Sweetspot

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



54.6833, 53.3125, 64.5358



92.4241, 95.1223, 106.8716



50.6059, 51.1544, 66.8818



19.6359, 20.0881, 22.7604



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.



54.6833, 53.3125, 64.5358



85.1288, 81.6368, 101.0328



53.4829, 52.8323, 58.2141



12.2102, 11.9688, 14.3827



20.6733, 10.1422, 24.2495



1.1814, 0.5773, 1.4900

Inverse Universe

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



54.6833, 53.3125, 64.5358



85.1288, 81.6368, 101.0328



53.6350, 59.9114, 64.2131



12.2102, 11.9688, 14.3827



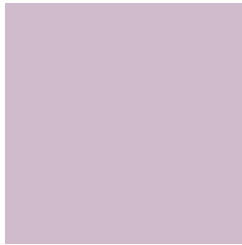
20.6733, 10.1422, 24.2495



1.1814, 0.5773, 1.4900

Previews

White Background



This preview shows how the XYZ color 54.6818, 53.3102, 64.5346 looks on a white background.

Color Contrast Check

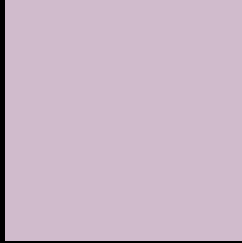
Large Text (above 18pt) WCAG AA × Fail

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 54.6818, 53.3102, 64.5346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

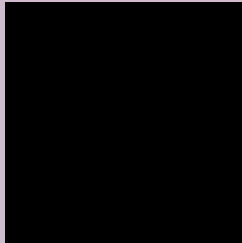
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6818, 53.3102, 64.5346

Background



This preview shows how black text looks on a background with the XYZ color 54.6818, 53.3102, 64.5346.



This preview shows how white text looks on a background with the XYZ color 54.6818, 53.3102,

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

54.6818, 53.3102, 64.5346

Protanopia

51.8503, 53.4107, 66.6080

Deuteranopia

54.4015, 53.1657, 64.5215



Tritanopia

54.4434, 53.2148, 63.2791

Trichromacy



Original Color

54.6818, 53.3102, 64.5346

Protanomaly

52.8427, 53.2889, 65.8932

Deuteranomaly

54.4015, 53.1657, 64.5215

Tritanomaly

54.5622, 53.2623, 63.9048

Monochromacy



Original Color

54.6818, 53.3102, 64.5346

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.8621, 54.0559, 61.0738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6818, 53.3102, 64.5346 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(208, 187, 204)` looks like.

```
.text, #text, p{  
    color:rgb(208, 187, 204)  
}
```

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(208, 187, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 187, 204) }
```

Border

The CSS property to change the border of an element to XYZ 54.6818, 53.3102, 64.5346 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(208, 187, 204) }
```


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

```
.border{ border-color:rgb(208, 187, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 187, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 187, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 187, 204);  
box-shadow:4px 4px 4px 4px rgb(208, 187,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6818, 53.3102, 64.5346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 187, 204) }
```

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

```
.background{ background-color: rgb(208,  
187, 204) }
```

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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