

Converting Colors

XYZ(54.4120, 50.9333, 54.5409)

Have a look what the booklet for
XYZ(54.4120, 50.9333, 54.5409)
contains.

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Color

**XYZ(54.4106, 50.9311,
54.5399)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB3BC
RGB	219, 179, 188
RGB Percent	86%, 70%, 74%
CMY	0.1412, 0.2980, 0.2627
CMYK	0.00, 0.18, 0.14, 0.14
HSL	347°, 36%, 78%
HSV	347°, 18%, 86%
XYZ	54.4106, 50.9311, 54.5399
YIQ	191.9860, 20.9510, 11.2790

Conversions

Conversions Part 2

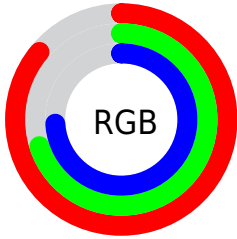
Format	Color
R _Y B	219, 179, 188
Decimal	14398396
CIE Lab	76.64, 15.86, 0.88
CIE LCh	77, 15.889, 3.188
Yxy	50.9311, 0.3403, 0.3186
Android (android.graphics.Color)	4292588476 (0xFFDDBB3BC)
YUV	191.9860, -1.9651, 23.6913
Hunter-Lab	71.3660, 11.2007, 4.6452

Details

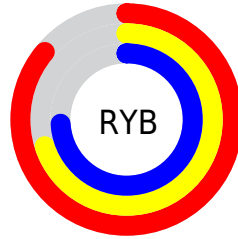
The XYZ color **54.4106, 50.9311, 54.5399** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.5568, 64.9011, 70.5749**, and the grayscale version is **50.0985, 52.7075, 57.3985**.

A 20% lighter version of the original color is **87.2775, 87.2083, 97.8208**, and **27.1439, 24.5635, 26.2323** is the 20% darker color. If you saturate the color by 10%, you get **48.6417, 42.1510, 44.1139**, and if you desaturate by 10%, it is **61.0947, 61.1959, 66.3340**.

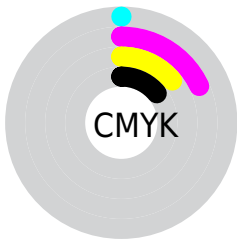
Distribution



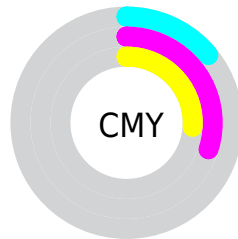
- Red (86%)
- Green (70%)
- Blue (74%)



- Red (86%)
- Yellow (70%)
- Blue (74%)



- Cyan (0%)
- Magenta (18%)
- Yellow (14%)
- Black (14%)





- Cyan (14%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4106, 50.9311, 54.5399 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 54.4106, 50.9311, 54.5399 by changing the saturation by 10% instead.


 54.4106, 50.9311,
54.5399

 54.4106, 50.9311,
54.5399


393.8467,
390.2960, 421.3982

 39.1620, 36.1538,
38.6374


 95.8302, 91.5529,
98.3309

 27.0671, 24.5530,
26.1721


122.7320,
118.1662, 127.0564

 17.7604, 15.7443,
16.7255


154.2488,
149.4936, 160.8934

 10.8768, 9.3434,
9.8791

190.7460,
185.9195, 200.2603

 6.0507, 4.9659,
5.2143

232.5891,
227.8283, 245.5756

 2.9169, 2.2272,
2.3126

280.1433,

 1.1100, 0.7348,

275.6044, 297.2581

0.7383

333.7741,
329.6322, 355.7261

■ 0.0334, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4106, 50.9311,
54.5399

■ 54.4106, 50.9311,
54.5399

■ 48.6417, 42.1510,
44.1139

■ 61.0947, 61.1959,
66.3340

■ 43.7434, 34.7803,
35.0027

■ 68.7274, 73.0028,
79.5405

■ 39.6739, 28.7470,
27.1542

■ 77.3457, 86.4144,
94.2055

■ 36.3859, 23.9704,
20.5116

■ 83.0236, 93.8002,
108.3372

■ 33.8277, 20.3607,
15.0134

■ 31.9405, 17.8163,
10.5926

■ 30.6564, 16.2179,
7.1745

■ 29.8795, 15.3926,
4.6696

■ 29.7735, 15.2841,
4.3153

Harmonies

Analogous

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



53.7514, 50.9311, 63.2603



54.4106, 50.9311, 54.5399



53.4074, 50.9311, 46.8803

Triad

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



54.4106, 50.9311, 54.5399



45.3136, 50.9311, 42.7261



45.8484, 50.9311, 71.5763

Complementary

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



54.4106, 50.9311, 54.5399



55.5568, 64.9011, 70.5749

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.



43.7316, 50.9311, 65.0170



54.4106, 50.9311, 54.5399



43.4319, 50.9311, 48.3202

Square

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



54.4106, 50.9311, 54.5399



48.0878, 50.9311, 40.5179



42.8648, 50.9311, 56.3809



48.7306, 50.9311, 73.6753

Rectangle

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



54.4106, 50.9311, 54.5399



51.9543, 50.9311, 43.2325



42.8648, 50.9311, 56.3809



45.0278, 50.9311, 69.7887

Sweetspot

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



54.4120, 50.9334, 54.5410



89.5660, 91.5130, 99.4236



55.3915, 51.0098, 73.9448



19.0118, 19.3419, 21.0045



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.



54.4120, 50.9334, 54.5410



73.4634, 66.7900, 70.9891



55.6931, 54.9995, 50.3312



13.1754, 13.0993, 14.1848



17.6884, 9.0764, 2.7393



1.1788, 0.6011, 0.3504

Inverse Universe

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



54.4120, 50.9334, 54.5410



73.4634, 66.7900, 70.9891



54.0156, 59.9743, 75.7476



13.1754, 13.0993, 14.1848



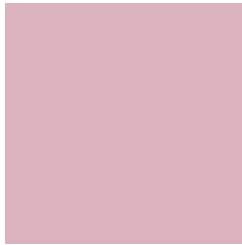
17.6884, 9.0764, 2.7393



1.1788, 0.6011, 0.3504

Previews

White Background



This preview shows how the XYZ color 54.4106, 50.9311, 54.5399 looks on a white background.

Color Contrast Check

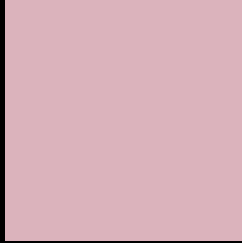
Large Text (above 18pt) WCAG AA × Fail

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 54.4106, 50.9311, 54.5399 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 54.4106, 50.9311, 54.5399

Background



This preview shows how black text looks on a background with the XYZ color 54.4106, 50.9311, 54.5399.



This preview shows how white text looks on a background with the XYZ color 54.4106, 50.9311,

54.5399.

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

54.4106, 50.9311, 54.5399

Protanopia

49.0947, 50.8931, 57.6879

Deuteranopia

51.9156, 50.8647, 54.0953



Tritanopia

54.9500, 50.8622, 56.7904

Trichromacy



Original Color

54.4106, 50.9311, 54.5399

Protanomaly

50.8403, 50.8770, 56.4309

Deuteranomaly

52.8490, 51.0408, 54.0801

Tritanomaly

54.8396, 50.8180, 56.2087

Monochromacy



Original Color

54.4106, 50.9311, 54.5399

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.5314, 51.8588, 56.5840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4106, 50.9311, 54.5399 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(219, 179, 188)` looks like.

```
.text, #text, p{  
    color:rgb(219, 179, 188)  
}
```

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(219, 179, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 179, 188) }
```

Border

The CSS property to change the border of an element to XYZ 54.4106, 50.9311, 54.5399 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(219, 179, 188) }
```


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

```
.border{ border-color:rgb(219, 179, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 179, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 179, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 179, 188);  
box-shadow:4px 4px 4px 4px rgb(219, 179,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4106, 50.9311, 54.5399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 179, 188) }
```

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

```
.background{ background-color: rgb(219,  
179, 188) }
```

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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