

Converting Colors

XYZ(45.8537, 49.1909, 54.2330)

Have a look what the booklet for
XYZ(45.8537, 49.1909, 54.2330)
contains.

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Color

**XYZ(46.0089, 49.3781,
54.1197)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BCBB
RGB	181, 188, 187
RGB Percent	71%, 74%, 73%
CMY	0.2902, 0.2627, 0.2667
CMYK	0.04, 0.00, 0.01, 0.26
HSL	171°, 5%, 72%
HSV	171°, 4%, 74%
XYZ	46.0089, 49.3781, 54.1197
YIQ	185.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

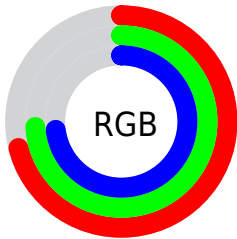
Format	Color
R _Y B	181, 185, 188
Decimal	11910331
CIE Lab	75.69, -2.61, -0.35
CIE LCh	76, 2.632, 187.586
Yxy	49.3781, 0.3077, 0.3303
Android (android.graphics.Color)	4290100411 (0xFFB5BCBB)
YUV	185.7930, 0.5951, -4.2035
Hunter-Lab	70.2696, -6.0991, 3.5251

Details

The XYZ color **46.0089, 49.3781, 54.1197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7082, 47.1177, 50.9439**, and the grayscale version is **46.5558, 48.9803, 53.3396**.

A 20% lighter version of the original color is **83.4534, 89.1770, 97.6084**, and **21.8691, 23.6384, 25.9643** is the 20% darker color. If you saturate the color by 10%, you get **41.6094, 47.1444, 52.4237**, and if you desaturate by 10%, it is **51.0116, 51.9248, 55.8742**.

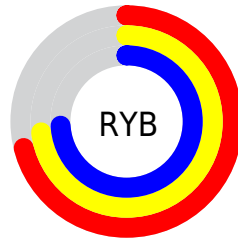
Distribution



Red (71%)

Green (74%)

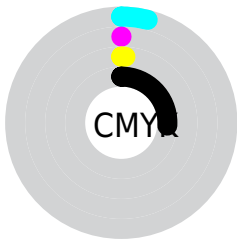
Blue (73%)



Red (71%)

Yellow (73%)

Blue (74%)

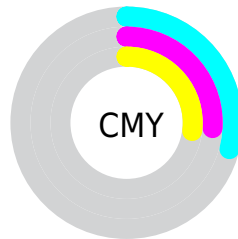


Cyan (4%)

Magenta (0%)

Yellow (1%)

Black (26%)



Cyan (29%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0089, 49.3781, 54.1197 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 46.0089, 49.3781, 54.1197 by changing the saturation by 10% instead.

■ 46.0089, 49.3781,
54.1197

■ 46.0089, 49.3781,
54.1197

361.5598,
384.2289, 419.7538

■ 32.4575, 34.9195,
38.3035

■ 83.4601, 89.2528,
97.7081

■ 21.8684, 23.6009,
25.9147

108.0906,
115.4376, 126.3175

■ 13.8763, 15.0378,
16.5346

137.1449,
146.3000, 160.0284

■ 8.1158, 8.8459,
9.7448

170.9882,
182.2243, 199.2593

■ 4.2216, 4.6408,
5.1267

209.9860,
223.5950, 244.4287

■ 1.8282, 2.0381,
2.2618

254.5037,

■ 0.5346, 0.6295,

270.7964, 295.9552

0.7097

304.9064,
324.2129, 354.2574

■ 0.0000, 0.0000,
0.0000

■ 46.0089, 49.3781,
54.1197

■ 46.0089, 49.3781,
54.1197

■ 41.6094, 47.1444,
52.4237

■ 51.0116, 51.9248,
55.8742

■ 37.7851, 45.2053,
50.7816

■ 56.6355, 54.7898,
57.6852

■ 34.5121, 43.5498,
49.1933

■ 62.9033, 57.9861,
59.5548

■ 31.7633, 42.1639,
47.6573

■ 69.3912, 61.2952,
61.4634

■ 29.5093, 41.0325,
46.1721

■ 69.7042, 61.4204,
63.1119

■ 27.7176, 40.1387,
44.7359

■ 70.0228, 61.5479,
64.7896

■ 26.3519, 39.4640,
43.3470

■ 70.3470, 61.6775,
66.4967

■ 25.3703, 38.9867,
42.0032

■ 70.6768, 61.8094,
68.2333

■ 24.7226, 38.6809,
40.7020

■ 71.0122, 61.9436,
69.9995

Harmonies

Analogous

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



46.0707, 49.3781, 52.7467



46.0089, 49.3781, 54.1197



46.1931, 49.3781, 55.4193

Triad

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



46.0089, 49.3781, 54.1197



47.5068, 49.3781, 55.9210



47.2909, 49.3781, 51.3194

Complementary

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



46.0089, 49.3781, 54.1197



45.7082, 47.1177, 50.9439

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.



47.6795, 49.3781, 52.1427



46.0089, 49.3781, 54.1197



47.8047, 49.3781, 54.7950

Square

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



46.0089, 49.3781, 54.1197



47.0563, 49.3781, 56.4709



47.8682, 49.3781, 53.4106



46.8087, 49.3781, 51.1457

Rectangle

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



46.0089, 49.3781, 54.1197



46.4315, 49.3781, 56.0638



47.8682, 49.3781, 53.4106



47.4369, 49.3781, 51.5287

Sweetspot

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



46.0103, 49.3802, 54.1208



85.7283, 90.6824, 98.9312



45.6284, 49.2560, 50.8192



18.4454, 19.5059, 21.2783



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.0103, 49.3802, 54.1208



83.0933, 89.3425, 97.9743



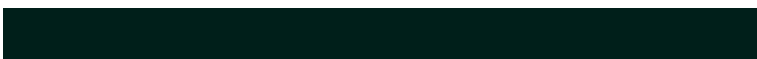
45.5989, 48.3848, 54.5154



10.2205, 11.0254, 12.1026



16.6490, 26.2499, 27.2781



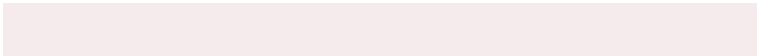
0.6685, 1.0348, 1.1545

Inverse Universe

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



45.7082, 47.1177, 50.9439



82.4971, 84.8778, 91.7051



46.1077, 48.0821, 50.5673



10.1359, 10.3922, 11.2135



14.2714, 7.3397, 1.4568



0.5771, 0.2947, 0.1523

Previews

White Background



This preview shows how the XYZ color 46.0089, 49.3781, 54.1197 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 46.0089, 49.3781, 54.1197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

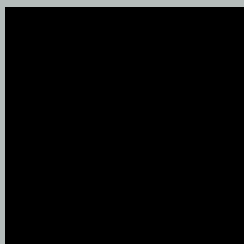
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

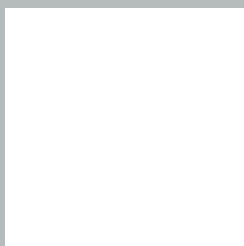
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.0089, 49.3781, 54.1197

Background



This preview shows how black text looks on a background with the XYZ color 46.0089, 49.3781, 54.1197.



This preview shows how white text looks on a background with the XYZ color 46.0089, 49.3781,

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

46.0089, 49.3781, 54.1197

Protanopia

47.4471, 49.1902, 53.4483

Deuteranopia

50.1352, 49.0131, 54.9622



Tritanopia

47.6300, 49.4021, 62.2835

Trichromacy



Original Color

46.0089, 49.3781, 54.1197

Protanomaly

46.9153, 49.2278, 53.4836

Deuteranomaly

48.5163, 49.0999, 54.4971

Tritanomaly

47.0255, 49.4713, 59.2949

Monochromacy



Original Color

46.0089, 49.3781, 54.1197

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.4004, 49.2762, 53.5201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0089, 49.3781, 54.1197 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(181, 188, 187)` looks like.

```
.text, #text, p{  
    color:rgb(181, 188, 187)  
}
```

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(181, 188, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 188, 187) }
```

Border

The CSS property to change the border of an element to XYZ 46.0089, 49.3781, 54.1197 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(181, 188, 187) }
```


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

```
.border{ border-color:rgb(181, 188, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 188, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(181, 188,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0089, 49.3781, 54.1197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 188, 187) }
```

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

```
.background{ background-color: rgb(181,  
188, 187) }
```

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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