

Converting Colors

XYZ(46.9036, 46.9983, 54.1059)

Have a look what the booklet for
XYZ(46.9036, 46.9983, 54.1059)
contains.

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Color

**XYZ(46.9354, 47.0775,
54.1901)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B3BC
RGB	192, 179, 188
RGB Percent	75%, 70%, 74%
CMY	0.2471, 0.2980, 0.2627
CMYK	0.00, 0.07, 0.02, 0.25
HSL	318°, 9%, 73%
HSV	318°, 7%, 75%
XYZ	46.9354, 47.0775, 54.1901
YIQ	183.9130, 4.8590, 5.5550

Conversions

Conversions Part 2

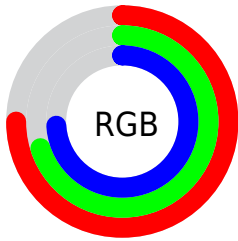
Format	Color
RYP	192, 179, 188
Decimal	12628924
CIELab	74.24, 6.24, -2.91
CIElCh	74, 6.889, 335.009
Yxy	47.0775, 0.3167, 0.3177
Android (android.graphics.Color)	4290819004 (0xFFC0B3BC)
YUV	183.9130, 2.0149, 7.0923
Hunter-Lab	68.6130, 2.0318, 1.2023

Details

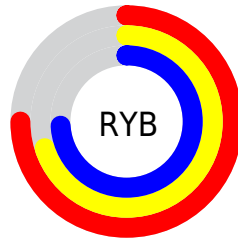
The XYZ color **46.9354, 47.0775, 54.1901** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9890, 50.7031, 52.1649**, and the grayscale version is **45.5004, 47.8700, 52.1304**.

A 20% lighter version of the original color is **84.7489, 85.9048, 97.7025**, and **22.4815, 22.1599, 26.0141** is the 20% darker color. If you saturate the color by 10%, you get **42.7285, 39.6617, 49.7095**, and if you desaturate by 10%, it is **51.7069, 55.5794, 58.9887**.

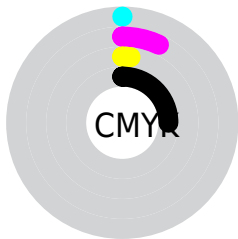
Distribution



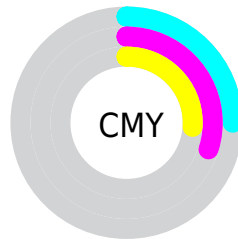
- Red (75%)
- Green (70%)
- Blue (74%)



- Red (75%)
- Yellow (70%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (25%)



- Cyan (25%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.9354, 47.0775, 54.1901 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 46.9354, 47.0775, 54.1901 by changing the saturation by 10% instead.

■ 46.9354, 47.0775,
54.1901

■ 46.9354, 47.0775,
54.1901

365.2098,
375.1238, 420.0296

■ 33.1923, 33.0969,
38.3595

■ 84.8365, 85.8293,
97.8125

■ 22.4338, 22.2007,
25.9578

109.7253,
111.3693, 126.4414

■ 14.2943, 14.0045,
16.5666

139.0599,
141.5312, 160.1734

■ 8.4087, 8.1238,
9.7673

173.2059,
176.6995, 199.4271

■ 4.4116, 4.1742,
5.1414

212.5285,
217.2585, 244.6210

■ 1.9375, 1.7715,
2.2702

257.3932,

■ 0.5985, 0.4693,

263.5926, 296.1737

0.7145

308.1651,
316.0863, 354.5037

■ 0.0000, 0.0000,
0.0000

■ 46.9354, 47.0775,
54.1901

■ 46.9354, 47.0775,
54.1901

■ 42.7285, 39.6617,
49.7095

■ 51.7069, 55.5794,
58.9887

■ 39.0598, 33.2817,
45.5349

■ 57.0600, 65.2029,
64.1109

■ 35.9068, 27.8925,
41.6578

■ 63.0160, 75.9895,
69.5656

■ 33.2439, 23.4431,
38.0681

■ 69.3364, 87.4618,
75.2749

■ 31.0430, 19.8781,
34.7549

■ 70.0940, 87.7648,
79.2645

■ 29.2733, 17.1363,
31.7063

■ 70.8792, 88.0789,
83.3992

■ 27.9000, 15.1485,
28.9089

■ 71.6922, 88.4041,
87.6805

■ 26.8825, 13.8343,
26.3475

■ 72.5333, 88.7405,
92.1097

■ 26.1664, 13.0855,
24.0023

■ 73.4028, 89.0883,
96.6884

Harmonies

Analogous

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



46.1236, 47.0775, 57.0410



46.9354, 47.0775, 54.1901



47.1562, 47.0775, 50.6672

Triad

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



46.9354, 47.0775, 54.1901



44.5385, 47.0775, 44.7713



42.8266, 47.0775, 55.2658

Complementary

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



46.9354, 47.0775, 54.1901



45.9890, 50.7031, 52.1649

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.



42.4189, 47.0775, 51.8562



46.9354, 47.0775, 54.1901



43.3956, 47.0775, 45.8823

Square

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



46.9354, 47.0775, 54.1901



45.7577, 47.0775, 45.3324



42.6253, 47.0775, 48.4363



43.7488, 47.0775, 57.6818

Rectangle

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



46.9354, 47.0775, 54.1901



46.9351, 47.0775, 48.4344



42.6253, 47.0775, 48.4363



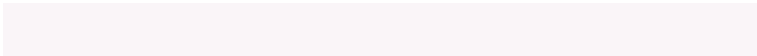
42.6256, 47.0775, 54.1922

Sweetspot

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



46.9367, 47.0795, 54.1911



89.0108, 92.3509, 102.2357



45.1411, 46.1033, 56.3894



19.1147, 19.8461, 21.9521



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



46.9367, 47.0795, 54.1911



83.9505, 83.3643, 97.0532



46.2621, 46.8097, 50.6385



10.3610, 10.1930, 11.9917



17.5083, 8.6931, 15.8545



0.7861, 0.3875, 0.8412

Inverse Universe

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



46.9367, 47.0795, 54.1911



83.9505, 83.3643, 97.0532



46.6703, 50.9756, 55.7525



10.3610, 10.1930, 11.9917



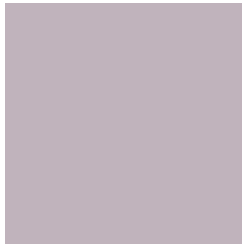
17.5083, 8.6931, 15.8545



0.7861, 0.3875, 0.8412

Previews

White Background



This preview shows how the XYZ color 46.9354, 47.0775, 54.1901 looks on a white background.

Color Contrast Check

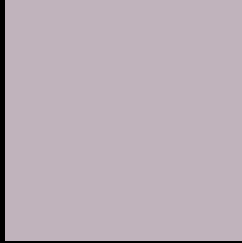
Large Text (above 18pt) WCAG AA × Fail

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 46.9354, 47.0775, 54.1901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

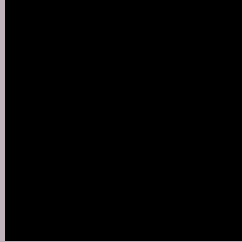
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.9354, 47.0775, 54.1901

Background



This preview shows how black text looks on a background with the XYZ color 46.9354, 47.0775, 54.1901.



This preview shows how white text looks on a background with the XYZ color 46.9354, 47.0775,

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

46.9354, 47.0775, 54.1901

Protanopia

45.7894, 47.3639, 55.4440

Deuteranopia

48.0879, 47.0809, 54.1300



Tritanopia

47.4271, 46.9840, 56.4383

Trichromacy



Original Color

46.9354, 47.0775, 54.1901

Protanomaly

46.2027, 47.2867, 54.8362

Deuteranomaly

47.7624, 47.2074, 54.1715

Tritanomaly

47.3167, 46.9398, 55.8567

Monochromacy



Original Color

46.9354, 47.0775, 54.1901

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.9784, 47.5235, 52.6486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9354, 47.0775, 54.1901 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(192, 179, 188)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 179, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 179, 188) }
```

Border

The CSS property to change the border of an element to XYZ 46.9354, 47.0775, 54.1901 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(192, 179, 188) }
```


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

```
.border{ border-color:rgb(192, 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(192, 179, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 179, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 179, 188);  
box-shadow:4px 4px 4px 4px rgb(192, 179,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9354, 47.0775, 54.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 179, 188) }
```

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

```
.background{ background-color: rgb(192,  
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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