

Converting Colors

XYZ(45.8672, 39.9786, 53.7436)

Have a look what the booklet for
XYZ(45.8672, 39.9786, 53.7436)
contains.

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Color

**XYZ(45.9174, 39.9978,
54.0154)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9BBE
RGB	204, 155, 190
RGB Percent	80%, 61%, 75%
CMY	0.2000, 0.3921, 0.2549
CMYK	0.00, 0.24, 0.07, 0.20
HSL	317°, 32%, 70%
HSV	317°, 24%, 80%
XYZ	45.9174, 39.9978, 54.0154
YIQ	173.6410, 17.9690, 21.2730

Conversions

Conversions Part 2

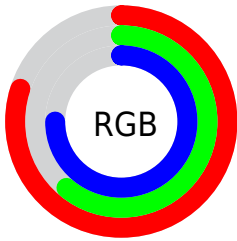
Format	Color
R_{YB}	204, 155, 190
Decimal	13409214
CIE _{Lab}	69.47, 23.93, -10.97
CIE _{LCh}	69, 26.325, 335.381
Yxy	39.9978, 0.3281, 0.2858
Android (android.graphics.Color)	4291599294 (0xFFCC9BBE)
YUV	173.6410, 8.0650, 26.6248
Hunter-Lab	63.2438, 18.9211, -6.3678

Details

The XYZ color **45.9174, 39.9978, 54.0154** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.2735, 53.0199, 45.5443**, and the grayscale version is **40.0026, 42.0858, 45.8315**.

A 20% lighter version of the original color is **80.9211, 74.0070, 97.2086**, and **21.7600, 17.8962, 25.9743** is the 20% darker color. If you saturate the color by 10%, you get **42.1808, 33.5233, 49.6894**, and if you desaturate by 10%, it is **50.2554, 47.6331, 58.6685**.

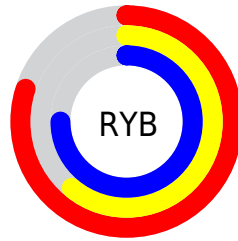
Distribution



Red (80%)

Green (61%)

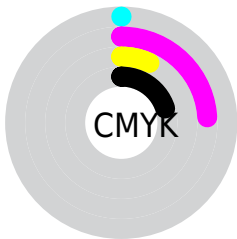
Blue (75%)



Red (80%)

Yellow (61%)

Blue (75%)

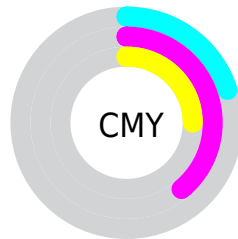


Cyan (0%)

Magenta (24%)

Yellow (7%)

Black (20%)



Cyan (20%)


Magenta (39%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9174, 39.9978, 54.0154 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 45.9174, 39.9978, 54.0154 by changing the saturation by 10% instead.


 45.9174, 39.9978,
54.0154


 45.9174, 39.9978,
54.0154


361.1980,
346.1143, 419.3450

 32.3850, 27.5368,
38.2207


 83.3240, 75.1602,
97.5535

 21.8127, 17.9768,
25.8509


 107.9289, 98.6303,
126.1340

 13.8352, 10.9333,
16.4873


136.9553,
126.5391, 159.8135

 8.0870, 6.0220,
9.7116

170.7686,
159.2707, 199.0105

 4.2030, 2.8585,
5.1051

209.7342,
197.2096, 244.1436

 1.8176, 1.0583,
2.2492

254.2174,

 0.5282, 0.0000,

240.7403, 295.6314

0.7026

304.5835,
290.2470, 353.8924

■ 0.0000, 0.0000,
0.0000

■ 45.9174, 39.9978,
54.0154

■ 45.9174, 39.9978,
54.0154

■ 42.1808, 33.5233,
49.6894

■ 50.2554, 47.6331,
58.6685

■ 39.0129, 28.1465,
45.6768

■ 55.2184, 56.4776,
63.6566

■ 36.3833, 23.8065,
41.9665

■ 60.8328, 66.5833,
68.9904

■ 34.2572, 20.4343,
38.5453

■ 67.1226, 77.9978,
74.6793

■ 32.5957, 17.9522,
35.3987

■ 73.4675, 89.4796,
80.5178

■ 31.3536, 16.2708,
32.5102

■ 74.2493, 89.7924,
84.6347

■ 30.4766, 15.2817,
29.8600

■ 75.0582, 90.1159,
88.8945

■ 30.0679, 14.9038,
28.3682

■ 75.8945, 90.4505,
93.2986

■ 76.7586, 90.7961,
97.8486

Harmonies

Analogous

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



42.9335, 39.9978, 65.4869



45.9174, 39.9978, 54.0154



46.7215, 39.9978, 41.3983

Triad

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



45.9174, 39.9978, 54.0154



37.2575, 39.9978, 24.2013



31.7517, 39.9978, 58.5113

Complementary

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



45.9174, 39.9978, 54.0154



42.2735, 53.0199, 45.5443

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.



30.4664, 39.9978, 45.7766



45.9174, 39.9978, 54.0154



33.4904, 39.9978, 27.1582

Square

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



45.9174, 39.9978, 54.0154



41.5138, 39.9978, 25.5916



31.0786, 39.9978, 34.5334



34.7218, 39.9978, 68.4021

Rectangle

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



45.9174, 39.9978, 54.0154



45.8654, 39.9978, 34.2927



31.0786, 39.9978, 34.5334



31.1187, 39.9978, 54.3411

Sweetspot

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



45.9186, 39.9996, 54.0162



88.8072, 88.8111, 102.8216



38.9593, 36.2266, 62.0663



18.8986, 18.8132, 21.8987



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.



45.9186, 39.9996, 54.0162



72.6066, 60.2611, 85.5487



43.4724, 39.0211, 41.1348



11.5456, 11.3470, 13.4075



18.9667, 9.3973, 18.0753



1.0101, 0.4975, 1.0992

Inverse Universe

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



45.9186, 39.9996, 54.0162



72.6066, 60.2611, 85.5487



44.7802, 54.0226, 58.7448



11.5456, 11.3470, 13.4075



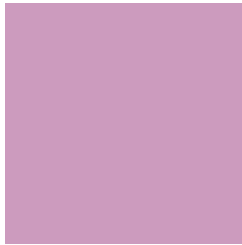
18.9667, 9.3973, 18.0753



1.0101, 0.4975, 1.0992

Previews

White Background



This preview shows how the XYZ color 45.9174, 39.9978, 54.0154 looks on a white background.

Color Contrast Check

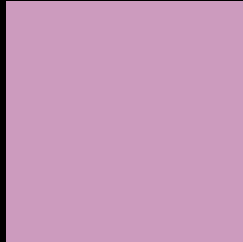
Large Text (above 18pt) WCAG AA × Fail

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 45.9174, 39.9978, 54.0154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

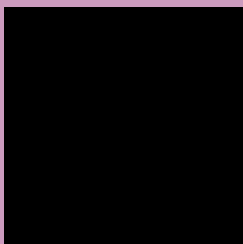
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.9174, 39.9978, 54.0154

Background



This preview shows how black text looks on a background with the XYZ color 45.9174, 39.9978, 54.0154.



This preview shows how white text looks on a background with the XYZ color 45.9174, 39.9978,

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

45.9174, 39.9978, 54.0154

Protanopia

39.8066, 40.3920, 59.7312

Deuteranopia

40.8923, 40.0061, 53.1436



Tritanopia

43.6649, 39.8115, 43.9111

Trichromacy



Original Color

45.9174, 39.9978, 54.0154

Protanomaly

41.8297, 40.1201, 57.7639

Deuteranomaly

42.4237, 39.7287, 53.5765

Tritanomaly

44.4500, 39.8849, 47.4753

Monochromacy



Original Color

45.9174, 39.9978, 54.0154

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.0645, 41.2470, 48.9244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9174, 39.9978, 54.0154 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(204, 155, 190)` looks like.

```
.text, #text, p{  
    color:rgb(204, 155, 190)  
}
```

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(204, 155, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 155, 190) }
```

Border

The CSS property to change the border of an element to XYZ 45.9174, 39.9978, 54.0154 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(204, 155, 190) }
```


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

```
.border{ border-color:rgb(204, 155, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 155, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 155, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 155, 190);  
box-shadow:4px 4px 4px 4px rgb(204, 155,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9174, 39.9978, 54.0154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 155, 190) }
```

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

```
.background{ background-color: rgb(204,  
155, 190) }
```

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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