

Converting Colors

XYZ(54.4680, 49.1291, 63.7376)

Have a look what the booklet for
XYZ(54.4680, 49.1291, 63.7376)
contains.

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Color

**XYZ(54.4579, 48.9985,
63.7142)**

Conversions

Conversions Part 1

Format	Color
Hex	D9ADCC
RGB	217, 173, 204
RGB Percent	85%, 68%, 80%
CMY	0.1490, 0.3215, 0.2000
CMYK	0.00, 0.20, 0.06, 0.15
HSL	318°, 37%, 76%
HSV	318°, 20%, 85%
XYZ	54.4579, 48.9985, 63.7142
YIQ	189.6900, 16.2730, 18.9690

Conversions

Conversions Part 2

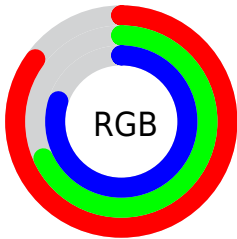
Format	Color
R_{YB}	217, 173, 204
Decimal	14265804
CIE _{Lab}	75.45, 21.10, -9.61
CIE _{LCh}	75, 23.186, 335.510
Yxy	48.9985, 0.3258, 0.2931
Android (android.graphics.Color)	4292455884 (0xFFD9ADCC)
YUV	189.6900, 7.0548, 23.9509
Hunter-Lab	69.9989, 16.3716, -4.9675

Details

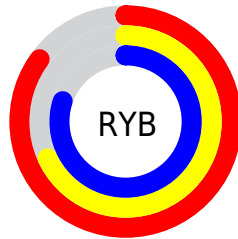
The XYZ color **54.4579, 48.9985, 63.7142** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.9113, 62.0564, 55.7519**, and the grayscale version is **48.7207, 51.2579, 55.8199**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **27.1218, 23.3163, 31.9252** is the 20% darker color. If you saturate the color by 10%, you get **49.8770, 41.0417, 58.4711**, and if you desaturate by 10%, it is **59.7491, 58.3239, 69.3515**.

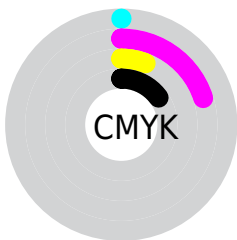
Distribution



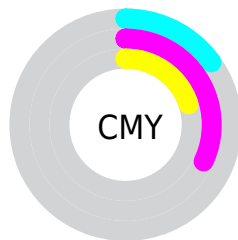
- Red (85%)
- Green (68%)
- Blue (80%)



- Red (85%)
- Yellow (68%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (15%)





- Cyan (15%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4579, 48.9985, 63.7142 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 54.4579, 48.9985, 63.7142 by changing the saturation by 10% instead.


 54.4579, 48.9985,
63.7142

 54.4579, 48.9985,
63.7142


394.0236,
382.7364, 456.3359

 39.2000, 34.6183,
45.9745

 95.8992, 88.6892,
111.7947

 27.0968, 23.3690,
31.8772


122.8133,
114.7685, 142.9727

 17.7829, 14.8662,
21.0037


154.3435,
145.5163, 179.4671

 10.8930, 8.7255,
12.9354

190.8552,
181.3170, 221.6966

 6.0617, 4.5626,
7.2539

232.7137,
222.5550, 270.0797

 2.9236, 1.9930,
3.5405

280.2844,

 1.1135, 0.6034,

269.6146, 325.0350

1.3768

333.9326,
322.8803, 386.9808

■ 0.0364, 0.0000,
0.1235

■ 0.0000, 0.0000,
0.0000

■ 54.4579, 48.9985,
63.7142

■ 54.4579, 48.9985,
63.7142

■ 49.8770, 41.0417,
58.4711

■ 59.7491, 58.3239,
69.3515

■ 45.9693, 34.3816,
53.6061

■ 65.7770, 69.0722,
75.3918

■ 42.7003, 28.9498,
49.1066

■ 72.5721, 81.3028,
81.8477

■ 40.0312, 24.6688,
44.9575

■ 78.6092, 91.9653,
88.2125

37.9183, 21.4521,
41.1425

79.5247, 92.3315,
93.0335

36.3122, 19.2014,
37.6430

80.4737, 92.7111,
98.0306

35.1539, 17.7993,
34.4374

81.4564, 93.1042,
103.2058

34.3556, 17.0479,
31.5657

82.4256, 93.4919,
108.3092

Harmonies

Analogous

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



51.5101, 48.9985, 74.8945



54.4579, 48.9985, 63.7142



55.2401, 48.9985, 51.1227

Triad

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



54.4579, 48.9985, 63.7142



45.7869, 48.9985, 33.1855



40.1972, 48.9985, 68.2230

Complementary

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



54.4579, 48.9985, 63.7142



50.9113, 62.0564, 55.7519

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.



38.8610, 48.9985, 55.6432



54.4579, 48.9985, 63.7142



41.9593, 48.9985, 36.3942

Square

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



54.4579, 48.9985, 63.7142



50.0620, 48.9985, 34.6707



39.4860, 48.9985, 44.1773



43.2474, 48.9985, 77.7640

Rectangle

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



54.4579, 48.9985, 63.7142



54.3892, 48.9985, 43.8430



39.4860, 48.9985, 44.1773



39.5414, 48.9985, 64.1430

Sweetspot

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



54.4593, 49.0007, 63.7152



89.6424, 90.3359, 103.5488



47.5904, 45.2718, 71.8764



19.0663, 19.1204, 22.0418



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.



54.4593, 49.0007, 63.7152



75.7612, 65.8642, 88.7770



52.0593, 48.0406, 51.0768



13.4419, 13.2059, 15.5883



20.8452, 10.3391, 19.3627



1.3875, 0.6847, 1.4497

Inverse Universe

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



54.4593, 49.0007, 63.7152



75.7612, 65.8642, 88.7770



53.3677, 63.0390, 68.6872



13.4419, 13.2059, 15.5883



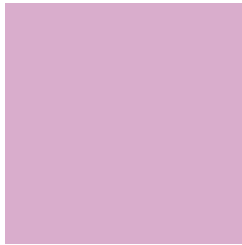
20.8452, 10.3391, 19.3627



1.3875, 0.6847, 1.4497

Previews

White Background



This preview shows how the XYZ color 54.4579, 48.9985, 63.7142 looks on a white background.

Color Contrast Check

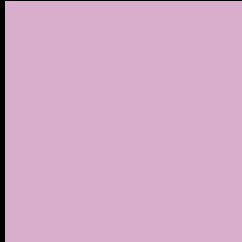
Large Text (above 18pt) WCAG AA × Fail

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 54.4579, 48.9985, 63.7142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

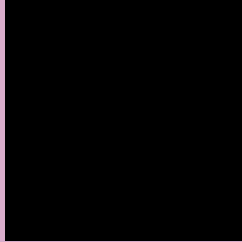
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4579, 48.9985, 63.7142

Background



This preview shows how black text looks on a background with the XYZ color 54.4579, 48.9985, 63.7142.



This preview shows how white text looks on a background with the XYZ color 54.4579, 48.9985,

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

54.4579, 48.9985, 63.7142

Protanopia

48.3982, 49.3462, 68.6019

Deuteranopia

50.2105, 49.1823, 62.7239



Tritanopia

52.7350, 49.1719, 54.8558

Trichromacy



Original Color

54.4579, 48.9985, 63.7142

Protanomaly

50.4147, 49.2039, 66.5147

Deuteranomaly

51.6017, 48.9900, 63.2362

Tritanomaly

53.3865, 49.1539, 57.7128

Monochromacy



Original Color

54.4579, 48.9985, 63.7142

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.8102, 50.5005, 58.6993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4579, 48.9985, 63.7142 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(217, 173, 204) looks like.

```
.text, #text, p{  
    color:rgb(217, 173, 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(217, 173, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 173, 204) }
```

Border

The CSS property to change the border of an element to XYZ 54.4579, 48.9985, 63.7142 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(217, 173, 204) }
```


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

```
.border{ border-color:rgb(217, 173, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 173, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 173, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 173, 204);  
box-shadow:4px 4px 4px 4px rgb(217, 173,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4579, 48.9985, 63.7142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 173, 204) }
```

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

```
.background{ background-color: rgb(217,  
173, 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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