

Converting Colors

XYZ(54.4793, 47.7326, 65.7360)

Have a look what the booklet for
XYZ(54.4793, 47.7326, 65.7360)
contains.

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Color

**XYZ(54.4866, 47.8354,
66.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA9D0
RGB	218, 169, 208
RGB Percent	85%, 66%, 82%
CMY	0.1451, 0.3372, 0.1843
CMYK	0.00, 0.22, 0.05, 0.15
HSL	312°, 40%, 76%
HSV	312°, 22%, 85%
XYZ	54.4866, 47.8354, 66.0359
YIQ	188.0970, 16.6850, 22.5170

Conversions

Conversions Part 2

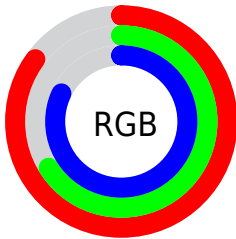
Format	Color
R _Y B	218, 169, 208
Decimal	14330320
CIE Lab	74.72, 24.32, -12.88
CIE LCh	75, 27.516, 332.098
Yxy	47.8354, 0.3236, 0.2841
Android (android.graphics.Color)	4292520400 (0xFFDAA9D0)
YUV	188.0970, 9.8122, 26.2249
Hunter-Lab	69.1631, 19.5865, -8.1950

Details

The XYZ color **54.4866, 47.8354, 66.0359** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.5722, 61.8340, 51.9730**, and the grayscale version is **47.7956, 50.2847, 54.7601**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **27.1824, 22.6104, 33.5034** is the 20% darker color. If you saturate the color by 10%, you get **50.2248, 40.1750, 61.9526**, and if you desaturate by 10%, it is **59.4428, 56.8585, 70.4276**.

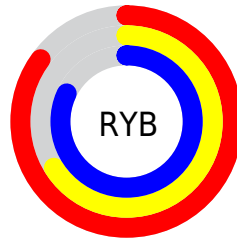
Distribution



Red (85%)

Green (66%)

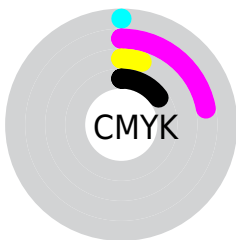
Blue (82%)



Red (85%)

Yellow (66%)

Blue (82%)

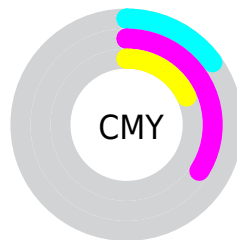


Cyan (0%)

Magenta (22%)

Yellow (5%)

Black (15%)



Cyan (15%)


Magenta (34%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4866, 47.8354, 66.0359 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 54.4866, 47.8354, 66.0359 by changing the saturation by 10% instead.


 54.4866, 47.8354,
66.0359


 54.4866, 47.8354,
66.0359

394.1310,
378.1393, 464.9130

 39.2230, 33.6966,
47.8449

 95.9411, 86.9593,
115.1654

 27.1148, 22.6606,
33.3449


 122.8627,
112.7131, 146.9409

 17.7965, 14.3431,
22.1175

154.4010,
143.1074, 184.0816

 10.9028, 8.3597,
13.7442

190.9214,
178.5265, 227.0062

 6.0683, 4.3259,
7.8062

232.7893,
219.3549, 276.1330

 2.9277, 1.8575,
3.8852

280.3699,

 1.1157, 0.5226,

265.9769, 331.8808

1.5626

334.0287,
318.7769, 394.6679

■ 0.0382, 0.0000,
0.2639

■ 0.0000, 0.0000,
0.0000

■ 54.4866, 47.8354,
66.0359

■ 54.4866, 47.8354,
66.0359

■ 50.2248, 40.1750,
61.9526

■ 59.4428, 56.8585,
70.4276

■ 46.6195, 33.8038,
58.1627

■ 65.1203, 67.3003,
75.1355

■ 43.6355, 28.6513,
54.6545

■ 71.5500, 79.2214,
80.1712

■ 41.2329, 24.6374,
51.4140

■ 78.3737, 91.9056,
85.4158

39.3667, 21.6725,
48.4255

78.9917, 92.1528,
88.6699

37.9853, 19.6536,
45.6714

79.6256, 92.4064,
92.0081

37.0265, 18.4568,
43.1301

80.2756, 92.6664,
95.4310

36.5058, 17.9424,
41.3318

80.9418, 92.9328,
98.9391

81.6243, 93.2058,
102.5331

Harmonies

Analogous

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



50.7591, 47.8354, 79.0132



54.4866, 47.8354, 66.0359



55.7478, 47.8354, 51.0850

Triad

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



54.4866, 47.8354, 66.0359



45.1157, 47.8354, 29.1615



37.8104, 47.8354, 68.0984

Complementary

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



54.4866, 47.8354, 66.0359



49.5722, 61.8340, 51.9730

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.



36.5333, 47.8354, 53.0972



54.4866, 47.8354, 66.0359



40.5545, 47.8354, 32.0965

Square

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



54.4866, 47.8354, 66.0359



50.1071, 47.8354, 31.3734



37.5006, 47.8354, 40.2512



41.1209, 47.8354, 80.3490

Rectangle

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



54.4866, 47.8354, 66.0359



54.9514, 47.8354, 42.4134



37.5006, 47.8354, 40.2512



37.1404, 47.8354, 63.1245

Sweetspot

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



54.4880, 47.8375, 66.0369



89.0365, 88.9028, 104.0292



45.3891, 43.0002, 72.2382



18.9518, 18.8345, 22.1789



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.



54.4880, 47.8375, 66.0369



74.6999, 62.7888, 91.3603



51.7234, 46.7317, 51.4788



13.4946, 13.2269, 15.8656



21.9102, 10.7651, 24.9711



1.4488, 0.7092, 1.7725

Inverse Universe

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



54.4880, 47.8375, 66.0369



74.6999, 62.7888, 91.3603



52.2506, 62.9053, 66.0771



13.4946, 13.2269, 15.8656



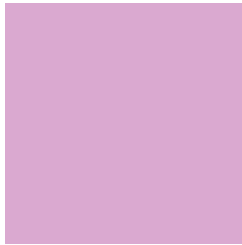
21.9102, 10.7651, 24.9711



1.4488, 0.7092, 1.7725

Previews

White Background



This preview shows how the XYZ color 54.4866, 47.8354, 66.0359 looks on a white background.

Color Contrast Check

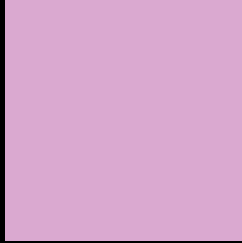
Large Text (above 18pt) WCAG AA × Fail

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 54.4866, 47.8354, 66.0359 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 54.4866, 47.8354, 66.0359

Background



This preview shows how black text looks on a background with the XYZ color 54.4866, 47.8354, 66.0359.



This preview shows how white text looks on a background with the XYZ color 54.4866, 47.8354,

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

54.4866, 47.8354, 66.0359

Protanopia

47.5893, 48.2238, 72.4455

Deuteranopia

48.9989, 47.9029, 65.0562



Tritanopia

51.8308, 47.8794, 52.9642

Trichromacy



Original Color

54.4866, 47.8354, 66.0359

Protanomaly

49.7962, 47.9023, 70.2399

Deuteranomaly

50.6799, 47.5824, 65.5447

Tritanomaly

52.8090, 47.9990, 57.5203

Monochromacy



Original Color

54.4866, 47.8354, 66.0359

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.9274, 49.1300, 58.4813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4866, 47.8354, 66.0359 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(218, 169, 208)` looks like.

```
.text, #text, p{  
    color:rgb(218, 169, 208)  
}
```

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(218, 169, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 169, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.4866, 47.8354, 66.0359 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(218, 169, 208) }
```


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

```
.border{ border-color:rgb(218, 169, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 169, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 169, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 169, 208);  
box-shadow:4px 4px 4px 4px rgb(218, 169,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4866, 47.8354, 66.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 169, 208) }
```

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

```
.background{ background-color: rgb(218,  
169, 208) }
```

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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