

Converting Colors

XYZ(54.2532, 48.2781, 66.4197)

Have a look what the booklet for
XYZ(54.2532, 48.2781, 66.4197)
contains.

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Color

**XYZ(54.2670, 48.2788,
66.1331)**

Conversions

Conversions Part 1

Format	Color
Hex	D8ABD0
RGB	216, 171, 208
RGB Percent	85%, 67%, 82%
CMY	0.1529, 0.3294, 0.1843
CMYK	0.00, 0.21, 0.04, 0.15
HSL	311°, 37%, 76%
HSV	311°, 21%, 85%
XYZ	54.2670, 48.2788, 66.1331
YIQ	188.6730, 14.9430, 21.0470

Conversions

Conversions Part 2

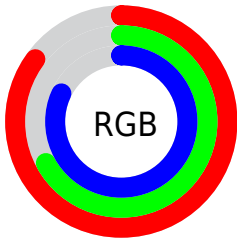
Format	Color
R _Y B	216, 171, 208
Decimal	14199760
CIE Lab	75.00, 22.55, -12.48
CIE LCh	75, 25.775, 331.047
Yxy	48.2788, 0.3217, 0.2862
Android (android.graphics.Color)	4292389840 (0xFFD8ABD0)
YUV	188.6730, 9.5282, 23.9658
Hunter-Lab	69.4829, 17.8154, -7.7935

Details

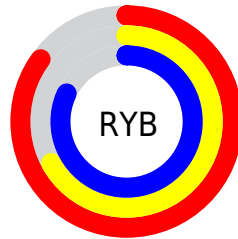
The XYZ color **54.2670, 48.2788, 66.1331** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.4891, 61.0258, 51.8213**, and the grayscale version is **48.1256, 50.6319, 55.1381**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **27.0091, 22.8670, 33.5621** is the 20% darker color. If you saturate the color by 10%, you get **50.0493, 40.5897, 62.4246**, and if you desaturate by 10%, it is **59.1657, 57.3101, 70.1262**.

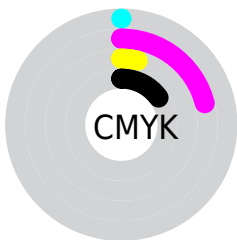
Distribution



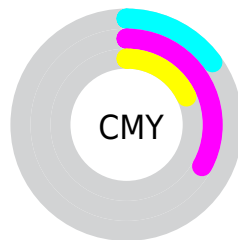
- Red (85%)
- Green (67%)
- Blue (82%)



- Red (85%)
- Yellow (67%)
- Blue (82%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (15%)





- Cyan (15%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2670, 48.2788, 66.1331 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 54.2670, 48.2788, 66.1331 by changing the saturation by 10% instead.

 54.2670, 48.2788,
66.1331

 54.2670, 48.2788,
66.1331


393.3091,
379.8962, 465.2699

 39.0467, 34.0477,
47.9233

 95.6208, 87.6194,
115.3062

 26.9769, 22.9303,
33.4066


122.4849,
113.4976, 147.1065

 17.6924, 14.5420,
22.1644


153.9611,
144.0271, 184.2741

 10.8277, 8.4986,
13.7783

190.4146,
179.5922, 227.2275

 6.0175, 4.4156,
7.8296

232.2108,
220.5772, 276.3853

 2.8965, 1.9087,
3.8999

279.7150,

 1.0993, 0.5536,

267.3666, 332.1659

1.5706

333.2927,
320.3448, 394.9879

■ 0.0245, 0.0000,
0.2697

■ 0.0000, 0.0000,
0.0000

■ 54.2670, 48.2788,
66.1331

■ 54.2670, 48.2788,
66.1331

■ 50.0493, 40.5897,
62.4246

■ 59.1657, 57.3101,
70.1262

■ 46.4758, 34.1717,
58.9863

■ 64.7714, 67.7376,
74.4113

■ 43.5130, 28.9568,
55.8072

■ 71.1138, 79.6200,
78.9991

■ 41.1222, 24.8682,
52.8741

■ 77.4476, 91.4664,
83.6417

39.2605, 21.8200,
50.1722

77.9725, 91.6764,
86.4060

37.8789, 19.7141,
47.6848

78.5093, 91.8911,
89.2326

36.9186, 18.4336,
45.3918

79.0580, 92.1106,
92.1219

36.3148, 17.7973,
43.4289

79.6186, 92.3349,
95.0743

80.1913, 92.5640,
98.0901

Harmonies

Analogous

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



50.7129, 48.2788, 78.0344



54.2670, 48.2788, 66.1331



55.5395, 48.2788, 52.0955

Triad

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



54.2670, 48.2788, 66.1331



45.7225, 48.2788, 30.6858



38.5654, 48.2788, 67.0930

Complementary

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



54.2670, 48.2788, 66.1331



49.4891, 61.0258, 51.8213

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.



37.4241, 48.2788, 53.0421



54.2670, 48.2788, 66.1331



41.3784, 48.2788, 33.3486

Square

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



54.2670, 48.2788, 66.1331



50.4076, 48.2788, 33.0004



38.4184, 48.2788, 40.9966



41.6461, 48.2788, 78.6519

Rectangle

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



54.2670, 48.2788, 66.1331



54.8587, 48.2788, 43.8013



38.4184, 48.2788, 40.9966



37.9520, 48.2788, 62.4314

Sweetspot

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



54.2684, 48.2809, 66.1341



89.9269, 90.4497, 105.0469



45.4347, 43.6103, 70.9896



19.1337, 19.1473, 22.3966



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.



54.2684, 48.2809, 66.1341



76.2037, 65.1421, 93.8792



51.7465, 47.2721, 52.8535



12.8539, 12.5930, 15.1707



21.5305, 10.5485, 25.8956



1.3240, 0.6464, 1.6956

Inverse Universe

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



54.2684, 48.2809, 66.1341



76.2037, 65.1421, 93.8792



51.8948, 61.9881, 64.4897



12.8539, 12.5930, 15.1707



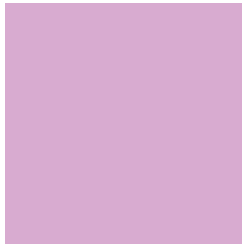
21.5305, 10.5485, 25.8956



1.3240, 0.6464, 1.6956

Previews

White Background



This preview shows how the XYZ color 54.2670, 48.2788, 66.1331 looks on a white background.

Color Contrast Check

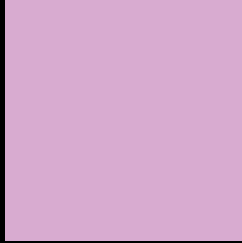
Large Text (above 18pt) WCAG AA × Fail

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 54.2670, 48.2788, 66.1331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

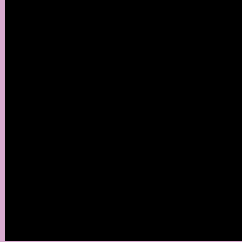
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2670, 48.2788, 66.1331

Background



This preview shows how black text looks on a background with the XYZ color 54.2670, 48.2788, 66.1331.



This preview shows how white text looks on a background with the XYZ color 54.2670, 48.2788,

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

54.2670, 48.2788, 66.1331

Protanopia

47.9186, 48.4085, 71.7840

Deuteranopia

49.4542, 48.4362, 65.1351



Tritanopia

51.6537, 48.0491, 54.1289

Trichromacy



Original Color

54.2670, 48.2788, 66.1331

Protanomaly

49.8686, 48.2508, 69.6358

Deuteranomaly

51.0720, 48.3668, 65.6754

Tritanomaly

52.5255, 48.1234, 58.1501

Monochromacy



Original Color

54.2670, 48.2788, 66.1331

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.2449, 49.5835, 59.1469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2670, 48.2788, 66.1331 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(216, 171, 208)` looks like.

```
.text, #text, p{  
    color:rgb(216, 171, 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(216, 171, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 171, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.2670, 48.2788, 66.1331 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(216, 171, 208) }
```


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

```
.border{ border-color:rgb(216, 171, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 171, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 171, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 171, 208);  
box-shadow:4px 4px 4px 4px rgb(216, 171,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2670, 48.2788, 66.1331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 171, 208) }
```

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

```
.background{ background-color: rgb(216,  
171, 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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