

Converting Colors

XYZ(42.9284, 33.3732, 49.5368)

Have a look what the booklet for
XYZ(42.9284, 33.3732, 49.5368)
contains.

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Color

**XYZ(42.9154, 33.3731,
49.5272)**

Conversions

Conversions Part 1

Format	Color
Hex	D084B8
RGB	208, 132, 184
RGB Percent	82%, 52%, 72%
CMY	0.1843, 0.4823, 0.2784
CMYK	0.00, 0.37, 0.12, 0.18
HSL	319°, 45%, 67%
HSV	319°, 37%, 82%
XYZ	42.9154, 33.3731, 49.5272
YIQ	160.6520, 28.6040, 32.2840

Conversions

Conversions Part 2

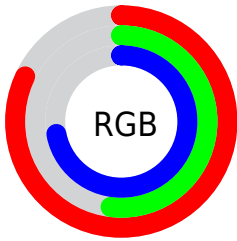
Format	Color
R _Y B	208, 132, 184
Decimal	13665464
CIE Lab	64.46, 36.77, -15.08
CIE LCh	64, 39.741, 337.692
Yxy	33.3731, 0.3411, 0.2653
Android (android.graphics.Color)	4291855544 (0xFFD084B8)
YUV	160.6520, 11.5106, 41.5242
Hunter-Lab	57.7695, 31.5064, -10.3922

Details

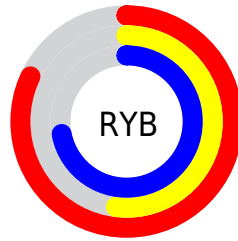
The XYZ color **42.9154, 33.3731, 49.5272** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.0737, 52.4185, 39.5658**, and the grayscale version is **33.6548, 35.4075, 38.5588**.

A 20% lighter version of the original color is **74.5271, 62.6691, 90.6064**, and **19.9881, 14.1990, 23.1599** is the 20% darker color. If you saturate the color by 10%, you get **39.6984, 28.0153, 45.1363**, and if you desaturate by 10%, it is **46.7287, 39.8714, 54.2754**.

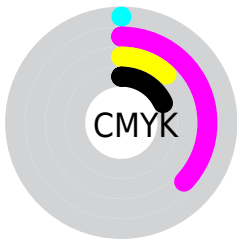
Distribution



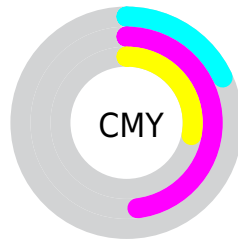
- Red (82%)
- Green (52%)
- Blue (72%)



- Red (82%)
- Yellow (52%)
- Blue (72%)



- Cyan (0%)
- Magenta (37%)
- Yellow (12%)
- Black (18%)





- Cyan (18%)
- Magenta (48%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9154, 33.3731, 49.5272 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 42.9154, 33.3731, 49.5272 by changing the saturation by 10% instead.

 42.9154, 33.3731,
49.5272


 42.9154, 33.3731,
49.5272

349.1912,
317.3276, 401.4961


 30.0130, 22.4124,
34.6693


 78.8397, 64.9576,
90.8630

 19.9966, 14.1603,
23.1268


 102.5923, 86.3502,
118.1781

 12.5008, 8.2322,
14.4809


 130.6923,
111.9889, 150.4826

 7.1603, 4.2439,
8.3134

163.5051,
142.2581, 188.1951

 3.6098, 1.8109,
4.2055

201.3960,
177.5421, 231.7342

 1.4838, 0.4940,
1.7387

244.7304,

 0.3148, 0.0000,

218.2255, 281.5183

0.3871

293.8737,
264.6925, 337.9661

■ 0.0000, 0.0000,
0.0000

■ 42.9154, 33.3731,
49.5272

■ 42.9154, 33.3731,
49.5272

■ 39.6984, 28.0153,
45.1363

■ 46.7287, 39.8714,
54.2754

■ 37.0407, 23.7259,
41.0871

■ 51.1665, 47.5673,
59.3912

■ 34.9056, 20.4320,
37.3656


■ 56.2587, 56.5198,
64.8871

■ 33.2508, 18.0495,
33.9555


■ 62.0327, 66.7824,
70.7741


■ 32.0267, 16.4802,
30.8380


■ 68.5139, 78.4057,
77.0626


 31.1700, 15.5981,
27.9897

 75.1478, 90.2801,
83.5699

 30.9187, 15.3724,
27.0521

 76.0531, 90.6422,
88.3372

 76.9932, 91.0182,
93.2877

 77.9684, 91.4083,
98.4232

Harmonies

Analogous

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



38.8651, 33.3731, 67.0740



42.9154, 33.3731, 49.5272



43.7997, 33.3731, 32.3159

Triad

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



42.9154, 33.3731, 49.5272



30.2829, 33.3731, 13.3443



23.8503, 33.3731, 58.9709

Complementary

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



42.9154, 33.3731, 49.5272



38.0737, 52.4185, 39.5658

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.



22.0948, 33.3731, 40.6799



42.9154, 33.3731, 49.5272



25.5093, 33.3731, 16.8046

Square

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



42.9154, 33.3731, 49.5272



36.0418, 33.3731, 14.4268



22.6637, 33.3731, 25.7260



27.7585, 33.3731, 73.5625

Rectangle

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



42.9154, 33.3731, 49.5272



42.3880, 33.3731, 23.6714



22.6637, 33.3731, 25.7260



23.0115, 33.3731, 52.8679

Sweetspot

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



42.9164, 33.3746, 49.5279



85.3517, 82.8333, 98.7927



33.1171, 28.0072, 63.3355



18.0326, 17.3148, 20.8904



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.



42.9164, 33.3746, 49.5279



63.8934, 45.9893, 72.9188



39.5471, 32.0269, 31.7853



12.1453, 11.9429, 14.0409



19.3155, 9.5991, 17.0997



1.1151, 0.5507, 1.1408

Inverse Universe

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



42.9164, 33.3746, 49.5279



63.8934, 45.9893, 72.9188



41.6761, 53.8595, 58.5355



12.1453, 11.9429, 14.0409



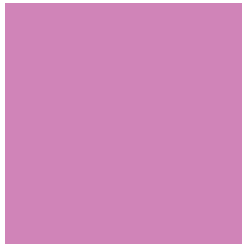
19.3155, 9.5991, 17.0997



1.1151, 0.5507, 1.1408

Previews

White Background



This preview shows how the XYZ color 42.9154, 33.3731, 49.5272 looks on a white background.

Color Contrast Check

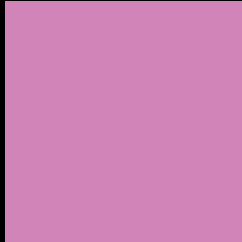
Large Text (above 18pt) WCAG AA × Fail

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 42.9154, 33.3731, 49.5272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

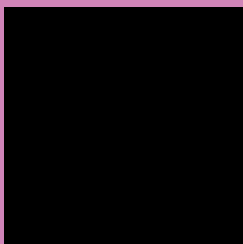
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9154, 33.3731, 49.5272

Background



This preview shows how black text looks on a background with the XYZ color 42.9154, 33.3731, 49.5272.



This preview shows how white text looks on a background with the XYZ color 42.9154, 33.3731,

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

42.9154, 33.3731, 49.5272

Protanopia

33.8237, 33.6326, 59.3526

Deuteranopia

34.3274, 33.6548, 47.8668



Tritanopia

39.5593, 33.4725, 32.8096

Trichromacy



Original Color

42.9154, 33.3731, 49.5272

Protanomaly

36.3198, 33.0873, 55.5112

Deuteranomaly

36.8260, 33.0520, 48.1548

Tritanomaly

40.5026, 33.1961, 38.4552

Monochromacy



Original Color

42.9154, 33.3731, 49.5272

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.4279, 34.1422, 42.2063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9154, 33.3731, 49.5272 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(208, 132, 184)` looks like.

```
.text, #text, p{  
    color:rgb(208, 132, 184)  
}
```

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(208, 132, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 132, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.9154, 33.3731, 49.5272 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(208, 132, 184) }
```


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

```
.border{ border-color:rgb(208, 132, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 132, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 132, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 132, 184);  
box-shadow:4px 4px 4px 4px rgb(208, 132,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9154, 33.3731, 49.5272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 132, 184) }
```

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

```
.background{ background-color: rgb(208,  
132, 184) }
```

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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