

Converting Colors

XYZ(52.4950, 46.9049, 64.5329)

Have a look what the booklet for
XYZ(52.4950, 46.9049, 64.5329)
contains.

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Color

**XYZ(52.4799, 46.8292,
64.6655)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A9CE
RGB	212, 169, 206
RGB Percent	83%, 66%, 81%
CMY	0.1686, 0.3372, 0.1922
CMYK	0.00, 0.20, 0.03, 0.17
HSL	308°, 33%, 75%
HSV	308°, 20%, 83%
XYZ	52.4799, 46.8292, 64.6655
YIQ	186.0750, 13.7510, 20.6230

Conversions

Conversions Part 2

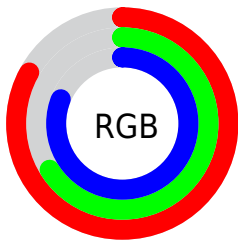
Format	Color
RYB	212, 169, 206
Decimal	13937102
CIELab	74.08, 21.92, -12.80
CIELCh	74, 25.381, 329.709
Yxy	46.8292, 0.3200, 0.2856
Android (android.graphics.Color)	4292127182 (0xFFD4A9CE)
YUV	186.0750, 9.8230, 22.7362
Hunter-Lab	68.4319, 17.1346, -8.1245

Details

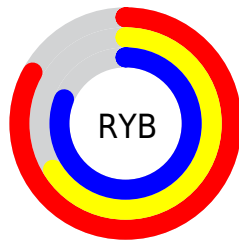
The XYZ color **52.4799, 46.8292, 64.6655** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.6454, 58.6184, 49.3633**, and the grayscale version is **46.6566, 49.0864, 53.4551**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **25.9334, 22.1577, 32.6158** is the 20% darker color. If you saturate the color by 10%, you get **48.4956, 39.4297, 61.5813**, and if you desaturate by 10%, it is **57.1132, 55.5144, 68.0005**.

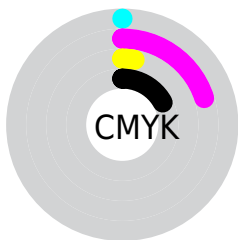
Distribution



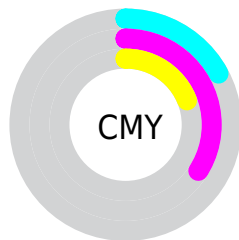
- Red (83%)
- Green (66%)
- Blue (81%)



- Red (83%)
- Yellow (66%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (17%)





- Cyan (17%)
- Magenta (34%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4799, 46.8292, 64.6655 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 52.4799, 46.8292, 64.6655 by changing the saturation by 10% instead.

 52.4799, 46.8292,
64.6655


 52.4799, 46.8292,
64.6655


386.5801,
374.1324, 459.8622

 37.6135, 32.9007,
46.7403


 93.0086, 85.4586,
113.1775

 25.8587, 22.0503,
32.4775


 119.4018,
110.9283, 144.6013

 16.8501, 13.8939,
21.4587


150.3678,
141.0138, 181.3618

 10.2223, 8.0469,
13.2652

186.2722,
176.0995, 223.8774

 5.6100, 4.1250,
7.4785

227.4803,
216.5698, 272.5667

 2.6478, 1.7437,
3.6802

274.3574,

 0.9704, 0.4517,

262.8091, 327.8482

1.4516

327.2689,
315.2018, 390.1406

■ 0.0000, 0.0000,
0.1815

■ 0.0000, 0.0000,
0.0000

■ 52.4799, 46.8292,
64.6655

■ 52.4799, 46.8292,
64.6655

■ 48.4956, 39.4297,
61.5813

■ 57.1132, 55.5144,
68.0005

■ 45.1253, 33.2481,
58.7344

■ 62.4201, 65.5366,
71.5931

■ 42.3371, 28.2200,
56.1145

■ 68.4289, 76.9517,
75.4533

■ 40.0943, 24.2722,
53.7093

■ 75.1651, 89.8107,
79.5900

■ 38.3564, 21.3235,
51.5051

■ 75.9353, 90.7267,
81.7721

■ 37.0769, 19.2809,
49.4861

■ 76.3326, 90.8856,
83.8641

■ 36.2005, 18.0342,
47.6337

■ 76.7369, 91.0473,
85.9929

■ 35.6384, 17.3919,
45.9608

■ 77.1481, 91.2118,
88.1586

■ 77.5665, 91.3791,
90.3615

Harmonies

Analogous

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



48.9771, 46.8292, 75.9283



52.4799, 46.8292, 64.6655



53.8210, 46.8292, 51.1162

Triad

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



52.4799, 46.8292, 64.6655



44.5541, 46.8292, 29.8543



37.3509, 46.8292, 64.4080

Complementary

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



52.4799, 46.8292, 64.6655



47.6454, 58.6184, 49.3633

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.



36.3396, 46.8292, 50.8621



52.4799, 46.8292, 64.6655



40.3226, 46.8292, 32.2132

Square

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



52.4799, 46.8292, 64.6655



49.0591, 46.8292, 32.3068



37.3904, 46.8292, 39.3912



40.2507, 46.8292, 75.7627

Rectangle

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



52.4799, 46.8292, 64.6655



53.2429, 46.8292, 43.0149



37.3904, 46.8292, 39.3912



36.7879, 46.8292, 59.8923

Sweetspot

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



52.4813, 46.8313, 64.6665



90.0199, 90.4869, 105.5369



43.6931, 42.2149, 68.1335



19.1558, 19.1562, 22.5128



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.



52.4813, 46.8313, 64.6665



77.1925, 66.4367, 96.3142



50.0733, 45.8681, 51.9861



12.8750, 12.6015, 15.2821



22.0290, 10.7479, 28.5206



1.3497, 0.6567, 1.8307

Inverse Universe

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



52.4813, 46.8313, 64.6665



77.1925, 66.4367, 96.3142



49.8977, 59.5194, 61.2239



12.8750, 12.6015, 15.2821



22.0290, 10.7479, 28.5206



1.3497, 0.6567, 1.8307

Previews

White Background



This preview shows how the XYZ color 52.4799, 46.8292, 64.6655 looks on a white background.

Color Contrast Check

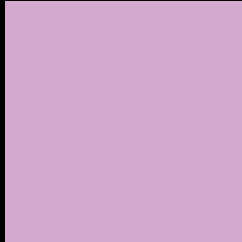
Large Text (above 18pt) WCAG AA × Fail

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 52.4799, 46.8292, 64.6655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

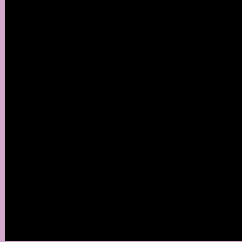
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4799, 46.8292, 64.6655

Background



This preview shows how black text looks on a background with the XYZ color 52.4799, 46.8292, 64.6655.



This preview shows how white text looks on a background with the XYZ color 52.4799, 46.8292,

64.6655.

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

52.4799, 46.8292, 64.6655

Protanopia

46.5660, 47.1329, 70.2616

Deuteranopia

48.0547, 47.1476, 63.6944



Tritanopia

50.1010, 46.9876, 52.8833

Trichromacy



Original Color

52.4799, 46.8292, 64.6655

Protanomaly

48.4663, 46.9662, 68.1390

Deuteranomaly

49.6381, 47.0735, 64.2275

Tritanomaly

50.9565, 47.0569, 56.8493

Monochromacy



Original Color

52.4799, 46.8292, 64.6655

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.4526, 48.0949, 57.1816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4799, 46.8292, 64.6655 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(212, 169, 206)` looks like.

```
.text, #text, p{  
    color:rgb(212, 169, 206)  
}
```

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(212, 169, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 169, 206) }
```

Border

The CSS property to change the border of an element to XYZ 52.4799, 46.8292, 64.6655 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(212, 169, 206) }
```


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

```
.border{ border-color:rgb(212, 169, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 169, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 169, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 169, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 169,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4799, 46.8292, 64.6655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 169, 206) }
```

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

```
.background{ background-color: rgb(212,  
169, 206) }
```

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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