

Converting Colors

XYZ(52.3420, 46.8578, 64.1714)

Have a look what the booklet for
XYZ(52.3420, 46.8578, 64.1714)
contains.

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Color

**XYZ(52.3588, 46.7808,
64.0276)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A9CD
RGB	212, 169, 205
RGB Percent	83%, 66%, 80%
CMY	0.1686, 0.3372, 0.1961
CMYK	0.00, 0.20, 0.03, 0.17
HSL	310°, 33%, 75%
HSV	310°, 20%, 83%
XYZ	52.3588, 46.7808, 64.0276
YIQ	185.9610, 14.0720, 20.3120

Conversions

Conversions Part 2

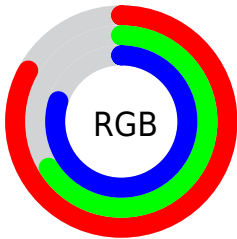
Format	Color
R_{YB}	212, 169, 205
Decimal	13937101
CIE Lab	74.05, 21.73, -12.30
CIE LCh	74, 24.973, 330.491
Yxy	46.7808, 0.3209, 0.2867
Android (android.graphics.Color)	4292127181 (0xFFD4A9CD)
YUV	185.9610, 9.3862, 22.8362
Hunter-Lab	68.3965, 16.9512, -7.6253

Details

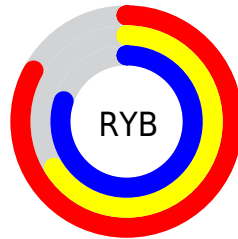
The XYZ color **52.3588, 46.7808, 64.0276** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.7440, 58.6579, 49.8827**, and the grayscale version is **46.5951, 49.0217, 53.3846**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **25.8518, 22.1250, 32.1862** is the 20% darker color. If you saturate the color by 10%, you get **48.3184, 39.3588, 60.6482**, and if you desaturate by 10%, it is **57.0506, 55.4894, 67.6705**.

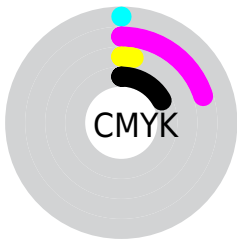
Distribution



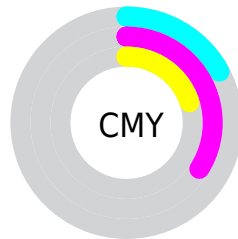
- Red (83%)
- Green (66%)
- Blue (80%)



- Red (83%)
- Yellow (66%)
- Blue (80%)



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




- Cyan (17%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3588, 46.7808, 64.0276 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 52.3588, 46.7808, 64.0276 by changing the saturation by 10% instead.


 52.3588, 46.7808,
64.0276


 52.3588, 46.7808,
64.0276


386.1215,
373.9389, 457.4995

 37.5166, 32.8624,
46.2267

 92.8313, 85.3863,
112.2505

 25.7832, 22.0211,
32.0748


 119.1922,
110.8423, 143.5097

 16.7934, 13.8724,
21.1533


150.1235,
140.9128, 180.0919

 10.1817, 8.0320,
13.0438


185.9904,
175.9824, 222.4159

 5.5828, 4.1154,
7.3276

227.1583,
216.4354, 270.9001

 2.6313, 1.7383,
3.5863

273.9925,

 0.9619, 0.4483,

262.6562, 325.9631

1.4012

326.8584,
315.0293, 388.0234

■ 0.0000, 0.0000,
0.1427

■ 0.0000, 0.0000,
0.0000

■ 52.3588, 46.7808,
64.0276

■ 52.3588, 46.7808,
64.0276

■ 48.3184, 39.3588,
60.6482

■ 57.0506, 55.4894,
67.6705

■ 44.8945, 33.1558,
57.5189

■ 62.4184, 65.5360,
71.5839

■ 42.0550, 28.1072,
54.6291

■ 68.4906, 76.9765,
75.7780

■ 39.7634, 24.1398,
51.9664

■ 75.2927, 89.8618,
80.2616

37.9789, 21.1725,
49.5170

76.1313, 90.8050,
82.8038

36.6551, 19.1122,
47.2650

76.5995, 90.9923,
85.2694

35.7368, 17.8488,
45.1918

77.0772, 91.1834,
87.7851

35.1360, 17.1910,
43.3156

77.5645, 91.3783,
90.3513

78.0615, 91.5771,
92.9683

Harmonies

Analogous

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



48.9622, 46.7808, 75.1878



52.3588, 46.7808, 64.0276



53.6098, 46.7808, 50.7260

Triad

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



52.3588, 46.7808, 64.0276



44.3902, 46.7808, 30.0993



37.4707, 46.7808, 64.4535

Complementary

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



52.3588, 46.7808, 64.0276



47.7440, 58.6579, 49.8827

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.



36.4220, 46.7808, 51.1473



52.3588, 46.7808, 64.0276



40.2497, 46.7808, 32.5563

Square

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



52.3588, 46.7808, 64.0276



48.8265, 46.7808, 32.4002



37.4051, 46.7808, 39.7635



40.3690, 46.7808, 75.4612

Rectangle

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



52.3588, 46.7808, 64.0276



52.9973, 46.7808, 42.8075



37.4051, 46.7808, 39.7635



36.8992, 46.7808, 60.0341

Sweetspot

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



52.3602, 46.7829, 64.0286



89.9633, 90.4643, 105.2387



43.8541, 42.2980, 68.1411



19.1423, 19.1508, 22.4421



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.



52.3602, 46.7829, 64.0286



76.9743, 66.3494, 95.1649



49.9980, 45.8380, 51.5893



12.8621, 12.5964, 15.2143



21.7224, 10.6253, 26.9062



1.3339, 0.6504, 1.7478

Inverse Universe

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



52.3602, 46.7829, 64.0286



76.9743, 66.3494, 95.1649



49.9796, 59.5522, 61.6553



12.8621, 12.5964, 15.2143



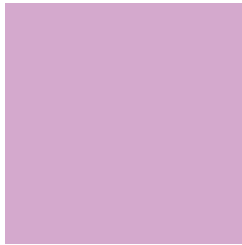
21.7224, 10.6253, 26.9062



1.3339, 0.6504, 1.7478

Previews

White Background



This preview shows how the XYZ color 52.3588, 46.7808, 64.0276 looks on a white background.

Color Contrast Check

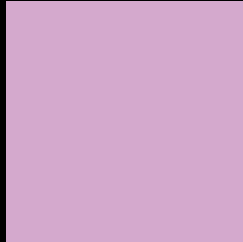
Large Text (above 18pt) WCAG AA × Fail

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 52.3588, 46.7808, 64.0276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

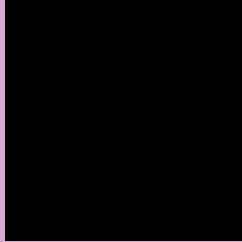
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3588, 46.7808, 64.0276

Background



This preview shows how black text looks on a background with the XYZ color 52.3588, 46.7808, 64.0276.



This preview shows how white text looks on a background with the XYZ color 52.3588, 46.7808,

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

52.3588, 46.7808, 64.0276

Protanopia

46.4386, 47.0819, 69.5909

Deuteranopia

47.7368, 46.7032, 62.9985



Tritanopia

49.9099, 46.6055, 52.8196

Trichromacy



Original Color

52.3588, 46.7808, 64.0276

Protanomaly

48.3413, 46.9162, 67.4806

Deuteranomaly

49.3238, 46.6375, 63.5290

Tritanomaly

50.7669, 46.6777, 56.7861

Monochromacy



Original Color

52.3588, 46.7808, 64.0276

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 52.3588, 46.7808, 64.0276 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(212, 169, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 169, 205) }
```

Border

The CSS property to change the border of an element to XYZ 52.3588, 46.7808, 64.0276 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, 205) }
```


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

```
.border{ border-color:rgb(212, 169, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 169, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 169, 205);  
box-shadow:4px 4px 4px 4px rgb(212, 169,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3588, 46.7808, 64.0276 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, 205) }
```

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

```
.background{ background-color: rgb(212,  
169, 205) }
```

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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