

Converting Colors

XYZ(46.8818, 42.3333, 45.9739)

Have a look what the booklet for
XYZ(46.8818, 42.3333, 45.9739)
contains.

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Color

**XYZ(46.8548, 42.4520,
45.7689)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A2AE
RGB	209, 162, 174
RGB Percent	82%, 64%, 68%
CMY	0.1804, 0.3647, 0.3176
CMYK	0.00, 0.22, 0.17, 0.18
HSL	345°, 34%, 73%
HSV	345°, 22%, 82%
XYZ	46.8548, 42.4520, 45.7689
YIQ	177.4210, 24.1600, 13.6960

Conversions

Conversions Part 2

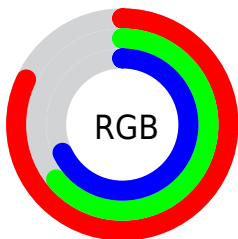
Format	Color
R _Y B	209, 162, 174
Decimal	13738670
CIE Lab	71.18, 19.20, 0.49
CIE LCh	71, 19.204, 1.474
Yxy	42.4520, 0.3469, 0.3143
Android (android.graphics.Color)	4291928750 (0xFFD1A2AE)
YUV	177.4210, -1.6866, 27.6948
Hunter-Lab	65.1552, 14.3424, 3.9598

Details

The XYZ color **46.8548, 42.4520, 45.7689** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.7805, 57.3146, 61.3707**, and the grayscale version is **42.0120, 44.1999, 48.1337**.

A 20% lighter version of the original color is **80.1957, 76.5429, 84.6762**, and **22.4152, 19.4270, 20.9807** is the 20% darker color. If you saturate the color by 10%, you get **42.0442, 35.1198, 37.1076**, and if you desaturate by 10%, it is **52.4555, 51.0821, 55.5621**.

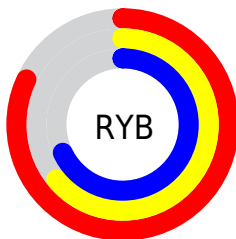
Distribution



Red (82%)

Green (64%)

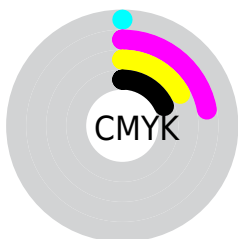
Blue (68%)



Red (82%)

Yellow (64%)

Blue (68%)

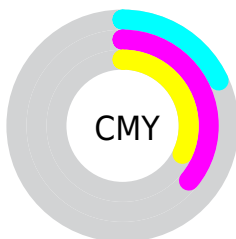


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (18%)



Cyan (18%)


Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8548, 42.4520, 45.7689 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 46.8548, 42.4520, 45.7689 by changing the saturation by 10% instead.


 46.8548, 42.4520,
45.7689


 46.8548, 42.4520,
45.7689


364.8933,
356.3532, 386.1293

 33.1283, 29.4554,
31.7161


 84.7169, 78.8833,
85.2037

 22.3845, 19.4256,
20.8818


 109.5833,
103.0867, 111.4228

 14.2579, 11.9782,
12.8472


138.8937,
131.7945, 142.5344

 8.3831, 6.7288,
7.1939

173.0134,
165.3911, 178.9571

 4.3949, 3.2931,
3.5034

212.3079,
204.2609, 221.1094

 1.9279, 1.2866,
1.3571

257.1425,

 0.5930, 0.1308,

248.7882, 269.4098

0.1079

307.8825,
299.3576, 324.2770

■ 0.0000, 0.0000,
0.0000

■ 46.8548, 42.4520,
45.7689

■ 46.8548, 42.4520,
45.7689

■ 42.0442, 35.1198,
37.1076

■ 52.4555, 51.0821,
55.5621

■ 37.9840, 29.0170,
29.5341

■ 58.8766, 61.0628,
66.5240

■ 34.6362, 24.0773,
23.0050

■ 66.1510, 72.4510,
78.6928

■ 31.9581, 20.2260,
17.4731

■ 74.3089, 85.2985,
92.1043

■ 29.9023, 17.3796,
12.8872

■ 79.5979, 92.0927,
105.5323

■ 28.4146, 15.4423,
9.1911

■ 80.1047, 92.2954,
108.2006

■ 27.4310, 14.2995,
6.3221

■ 26.9453, 13.8157,
4.6569

Harmonies

Analogous

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



46.0322, 42.4520, 55.2106



46.8548, 42.4520, 45.7689



45.8587, 42.4520, 37.5763

Triad

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



46.8548, 42.4520, 45.7689



37.2049, 42.4520, 32.6994



37.4666, 42.4520, 63.6016

Complementary

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



46.8548, 42.4520, 45.7689



47.7805, 57.3146, 61.3707

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.



35.2999, 42.4520, 56.1038



46.8548, 42.4520, 45.7689



35.1546, 42.4520, 38.2679

Square

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



46.8548, 42.4520, 45.7689



40.1905, 42.4520, 30.6779



34.4758, 42.4520, 46.6801



40.5086, 42.4520, 66.2922

Rectangle

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



46.8548, 42.4520, 45.7689



44.3265, 42.4520, 33.7020



34.4758, 42.4520, 46.6801



36.6175, 42.4520, 61.5147

Sweetspot

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



46.8560, 42.4539, 45.7698



87.5506, 88.3084, 96.2041



47.3170, 42.2447, 65.9821



18.6077, 18.6968, 20.3668



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.



46.8560, 42.4539, 45.7698



69.6966, 60.7875, 65.0133



47.7547, 46.0402, 40.5546



11.9308, 11.8571, 12.9114



16.6477, 8.5319, 3.0510



0.9636, 0.4901, 0.3429

Inverse Universe

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



46.8560, 42.4539, 45.7698



69.6966, 60.7875, 65.0133



46.6121, 52.6896, 68.0354



11.9308, 11.8571, 12.9114



16.6477, 8.5319, 3.0510



0.9636, 0.4901, 0.3429

Previews

White Background



This preview shows how the XYZ color 46.8548, 42.4520, 45.7689 looks on a white background.

Color Contrast Check

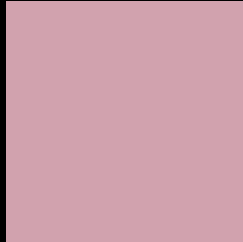
Large Text (above 18pt) WCAG AA × Fail

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 46.8548, 42.4520, 45.7689 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 46.8548, 42.4520, 45.7689

Background



This preview shows how black text looks on a background with the XYZ color 46.8548, 42.4520, 45.7689.



This preview shows how white text looks on a background with the XYZ color 46.8548, 42.4520,

45.7689.

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

46.8548, 42.4520, 45.7689

Protanopia

41.3810, 42.8384, 49.8037

Deuteranopia

43.4690, 42.5995, 45.4666



Tritanopia

46.8548, 42.4520, 45.7689

Trichromacy



Original Color

46.8548, 42.4520, 45.7689

Protanomaly

43.1496, 42.6552, 48.0785

Deuteranomaly

44.4677, 42.2953, 45.3553

Tritanomaly

46.8548, 42.4520, 45.7689

Monochromacy



Original Color

46.8548, 42.4520, 45.7689

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.5753, 43.4585, 47.1660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8548, 42.4520, 45.7689 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(209, 162, 174)` looks like.

```
.text, #text, p{  
    color:rgb(209, 162, 174)  
}
```

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(209, 162, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 162, 174) }
```

Border

The CSS property to change the border of an element to XYZ 46.8548, 42.4520, 45.7689 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(209, 162, 174) }
```


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

```
.border{ border-color:rgb(209, 162, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 162, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 162, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 162, 174);  
box-shadow:4px 4px 4px 4px rgb(209, 162,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8548, 42.4520, 45.7689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 162, 174) }
```

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

```
.background{ background-color: rgb(209,  
162, 174) }
```

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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