

Converting Colors

XYZ(47.4747, 43.4745, 49.2485)

Have a look what the booklet for
XYZ(47.4747, 43.4745, 49.2485)
contains.

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Color

**XYZ(47.4255, 43.4710,
49.0712)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA5B4
RGB	207, 165, 180
RGB Percent	81%, 65%, 71%
CMY	0.1882, 0.3529, 0.2941
CMYK	0.00, 0.20, 0.13, 0.19
HSL	339°, 30%, 73%
HSV	339°, 20%, 81%
XYZ	47.4255, 43.4710, 49.0712
YIQ	179.2680, 20.2170, 13.5690

Conversions

Conversions Part 2

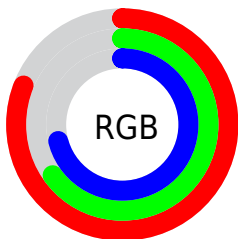
Format	Color
R _Y B	207, 165, 180
Decimal	13608372
CIE Lab	71.87, 17.81, -1.83
CIE LCh	72, 17.906, 354.125
Yxy	43.4710, 0.3388, 0.3106
Android (android.graphics.Color)	4291798452 (0xFFCFA5B4)
YUV	179.2680, 0.3609, 24.3210
Hunter-Lab	65.9325, 13.0137, 2.0254

Details

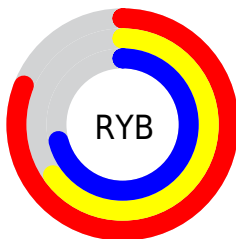
The XYZ color **47.4255, 43.4710, 49.0712** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.3461, 56.4319, 58.2689**, and the grayscale version is **42.9823, 45.2207, 49.2454**.

A 20% lighter version of the original color is **81.9735, 78.5025, 90.1889**, and **22.6848, 20.0180, 22.7469** is the 20% darker color. If you saturate the color by 10%, you get **42.6985, 36.0832, 41.1248**, and if you desaturate by 10%, it is **52.8894, 52.1233, 57.9065**.

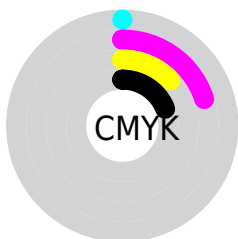
Distribution



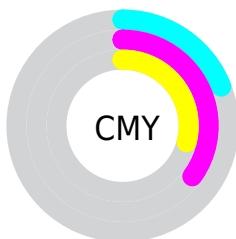
- Red (81%)
- Green (65%)
- Blue (71%)



- Red (81%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (19%)




- Cyan (19%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4255, 43.4710, 49.0712 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 47.4255, 43.4710, 49.0712 by changing the saturation by 10% instead.


 47.4255, 43.4710,
49.0712


 47.4255, 43.4710,
49.0712


367.1310,
360.5452, 399.6531

 33.5815, 30.2548,
34.3100


 85.5633, 80.4211,
90.1793

 22.7337, 20.0321,
22.8525


 110.5878,
104.9239, 117.3632

 14.5166, 12.4184,
14.2804


140.0699,
133.9577, 149.5251

 8.5649, 7.0293,
8.1750

174.3749,
167.9068, 187.0835

 4.5133, 3.4804,
4.1177

213.8681,
207.1557, 230.4570

 1.9964, 1.3874,
1.6902

258.9150,

 0.6320, 0.2074,

252.0889, 280.0640

0.3540

309.8808,
303.0905, 336.3232

■ 0.0000, 0.0000,
0.0000

■ 47.4255, 43.4710,
49.0712

■ 47.4255, 43.4710,
49.0712

■ 42.6985, 36.0832,
41.1248

■ 52.8894, 52.1233,
57.9065

■ 38.6722, 29.8946,
34.0357

■ 59.1172, 62.0898,
67.6556

■ 35.3124, 24.8428,
27.7744

■ 66.1387, 73.4247,
78.3455

■ 32.5807, 20.8573,
22.3081

■ 73.9815, 86.1773,
90.0013

■ 30.4347, 17.8598,
17.6019

■ 78.2104, 91.4727,
101.1603

■ 28.8261, 15.7609,
13.6178

■ 79.5423, 92.0055,
108.1743

■ 27.6982, 14.4551,
10.3134

■ 26.9656, 13.7588,
7.6984

Harmonies

Analogous

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



46.2504, 43.4710, 57.8643



47.4255, 43.4710, 49.0712



46.9001, 43.4710, 40.7990

Triad

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



47.4255, 43.4710, 49.0712



38.9687, 43.4710, 33.6086



37.9781, 43.4710, 62.2753

Complementary

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



47.4255, 43.4710, 49.0712



47.3461, 56.4319, 58.2689

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.



36.1972, 43.4710, 54.5287



47.4255, 43.4710, 49.0712



36.7491, 43.4710, 38.1631

Square

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



47.4255, 43.4710, 49.0712



41.9206, 43.4710, 32.5240



35.7585, 43.4710, 45.6354



40.7210, 43.4710, 66.0665

Rectangle

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



47.4255, 43.4710, 49.0712



45.6687, 43.4710, 36.5832



35.7585, 43.4710, 45.6354



37.2526, 43.4710, 60.0048

Sweetspot

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



47.4267, 43.4730, 49.0721



88.8182, 90.0062, 99.2088



46.3563, 42.5718, 64.8059



18.8715, 19.0425, 21.0161



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.



47.4267, 43.4730, 49.0721



72.8372, 64.6946, 73.3796



47.0127, 44.9589, 41.7999



11.9806, 11.8770, 13.1739



17.0306, 8.6851, 5.0673



0.9897, 0.5006, 0.4805

Inverse Universe

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



47.4267, 43.4730, 49.0721



72.8372, 64.6946, 73.3796



47.7610, 54.4656, 67.0276



11.9806, 11.8770, 13.1739



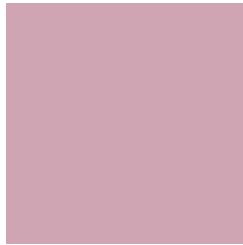
17.0306, 8.6851, 5.0673



0.9897, 0.5006, 0.4805

Previews

White Background



This preview shows how the XYZ color 47.4255, 43.4710, 49.0712 looks on a white background.

Color Contrast Check

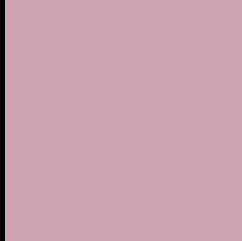
Large Text (above 18pt) WCAG AA × Fail

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 47.4255, 43.4710, 49.0712 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 47.4255, 43.4710, 49.0712

Background



This preview shows how black text looks on a background with the XYZ color 47.4255, 43.4710, 49.0712.



This preview shows how white text looks on a background with the XYZ color 47.4255, 43.4710,

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

47.4255, 43.4710, 49.0712

Protanopia

42.3244, 43.5522, 52.6301

Deuteranopia

44.4378, 43.5870, 48.7188



Tritanopia

47.2231, 43.3900, 48.0057

Trichromacy



Original Color

47.4255, 43.4710, 49.0712

Protanomaly

43.9537, 43.2779, 51.3843

Deuteranomaly

45.3506, 43.5009, 48.6541

Tritanomaly

47.3239, 43.4303, 48.5365

Monochromacy



Original Color

47.4255, 43.4710, 49.0712

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.2590, 44.3456, 48.8747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4255, 43.4710, 49.0712 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(207, 165, 180)` looks like.

```
.text, #text, p{  
    color:rgb(207, 165, 180)  
}
```

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(207, 165, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 165, 180) }
```

Border

The CSS property to change the border of an element to XYZ 47.4255, 43.4710, 49.0712 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(207, 165, 180) }
```


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

```
.border{ border-color:rgb(207, 165, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 165, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 165, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 165, 180);  
box-shadow:4px 4px 4px 4px rgb(207, 165,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4255, 43.4710, 49.0712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 165, 180) }
```

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

```
.background{ background-color: rgb(207,  
165, 180) }
```

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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