

Converting Colors

XYZ(45.7371, 41.8758, 45.7166)

Have a look what the booklet for
XYZ(45.7371, 41.8758, 45.7166)
contains.

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Color

**XYZ(45.7371, 41.8758,
45.7166)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA2AE
RGB	205, 162, 174
RGB Percent	80%, 64%, 68%
CMY	0.1961, 0.3647, 0.3176
CMYK	0.00, 0.21, 0.15, 0.20
HSL	343°, 30%, 72%
HSV	343°, 21%, 80%
XYZ	45.7371, 41.8758, 45.7166
YIQ	176.2250, 21.7760, 12.8480

Conversions

Conversions Part 2

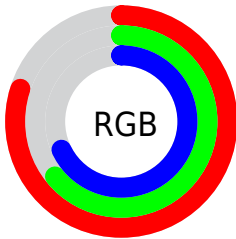
Format	Color
R _Y B	205, 162, 174
Decimal	13476526
CIE Lab	70.79, 17.74, -0.13
CIE LCh	71, 17.740, 359.573
Yxy	41.8758, 0.3430, 0.3141
Android (android.graphics.Color)	4291666606 (0xFFCDA2AE)
YUV	176.2250, -1.0969, 25.2357
Hunter-Lab	64.7115, 12.9159, 3.4116

Details

The XYZ color **45.7371, 41.8758, 45.7166** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.3589, 55.1952, 58.6651**, and the grayscale version is **41.3828, 43.5379, 47.4128**.

A 20% lighter version of the original color is **80.1957, 76.5429, 84.6762**, and **21.6665, 19.0410, 20.9457** is the 20% darker color. If you saturate the color by 10%, you get **41.0537, 34.6891, 37.4333**, and if you desaturate by 10%, it is **51.1702, 50.3070, 55.0331**.

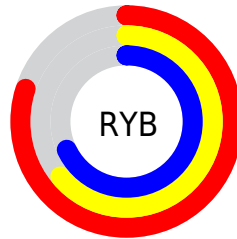
Distribution



Red (80%)

Green (64%)

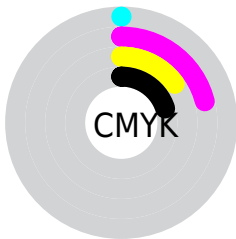
Blue (68%)



Red (80%)

Yellow (64%)

Blue (68%)

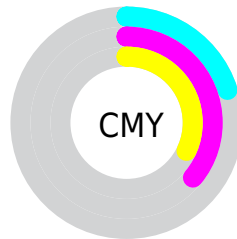


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (20%)



Cyan (20%)


Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.7371, 41.8758, 45.7166 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 45.7371, 41.8758, 45.7166 by changing the saturation by 10% instead.


 45.7371, 41.8758,
45.7166


 45.7371, 41.8758,
45.7166


360.4844,
353.9678, 385.9125

 32.2422, 29.0041,
31.6752


 83.0557, 78.0116,
85.1245

 21.7030, 19.0839,
20.8508


 107.6100,
102.0445, 111.3281

 13.7542, 11.7309,
12.8248


136.5816,
130.5665, 142.4228

 8.0305, 6.5607,
7.1787

170.3356,
163.9621, 178.8273

 4.1664, 3.1889,
3.4940

209.2376,
202.6156, 220.9599

 1.7967, 1.2311,
1.3521

253.6528,

 0.5157, 0.0869,

246.9115, 269.2393

0.1039

303.9466,
297.2341, 324.0840

■ 0.0000, 0.0000,
0.0000

■ 45.7371, 41.8758,
45.7166

■ 45.7371, 41.8758,
45.7166

■ 41.0537, 34.6891,
37.4333

■ 51.1702, 50.3070,
55.0331

■ 37.0827, 28.6823,
30.1441

■ 57.3807, 60.0322,
65.4147

■ 33.7892, 23.7933,
23.8113

■ 64.3996, 71.1048,
76.8951

■ 31.1336, 19.9523,
18.3936

■ 72.2548, 83.5740,
89.5059

■ 29.0721, 17.0813,
13.8465

■ 77.8652, 91.2705,
102.2412

■ 27.5550, 15.0915,
10.1215

■ 78.9870, 91.7192,
108.1483

■ 26.5241, 13.8774,
7.1644

■ 25.9204, 13.2766,
5.0931

Harmonies

Analogous

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



44.8870, 41.8758, 54.3120



45.7371, 41.8758, 45.7166



44.9327, 41.8758, 38.0509

Triad

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



45.7371, 41.8758, 45.7166



37.0718, 41.8758, 32.8951



37.0022, 41.8758, 61.0582

Complementary

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



45.7371, 41.8758, 45.7166



46.3589, 55.1952, 58.6651

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.



35.0770, 41.8758, 54.0771



45.7371, 41.8758, 45.7166



35.1158, 41.8758, 37.8656

Square

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



45.7371, 41.8758, 45.7166



39.8439, 41.8758, 31.2250



34.4034, 41.8758, 45.4749



39.7595, 41.8758, 63.8116

Rectangle

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



45.7371, 41.8758, 45.7166



43.5880, 41.8758, 34.3308



34.4034, 41.8758, 45.4749



36.2413, 41.8758, 59.0889

Sweetspot

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



45.7383, 41.8777, 45.7175



88.6362, 89.9334, 98.2504



45.8868, 41.5639, 63.3620



18.8286, 19.0253, 20.7900



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.



45.7383, 41.8777, 45.7175



71.4385, 63.2360, 68.7859



46.3226, 44.8352, 40.3974



11.3388, 11.2643, 12.3189



16.1715, 8.2792, 3.3559



0.8671, 0.4402, 0.3460

Inverse Universe

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



45.7383, 41.8777, 45.7175



71.4385, 63.2360, 68.7859



45.5897, 51.4275, 65.2816



11.3388, 11.2643, 12.3189



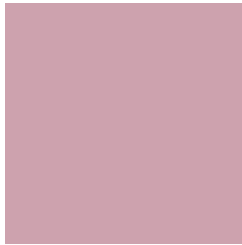
16.1715, 8.2792, 3.3559



0.8671, 0.4402, 0.3460

Previews

White Background



This preview shows how the XYZ color 45.7371, 41.8758, 45.7166 looks on a white background.

Color Contrast Check

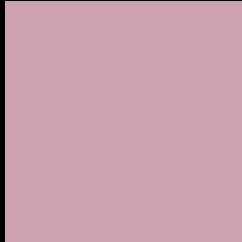
Large Text (above 18pt) WCAG AA × Fail

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 45.7371, 41.8758, 45.7166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

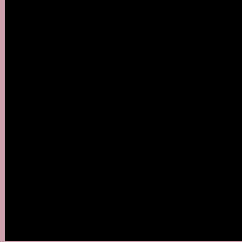
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.7371, 41.8758, 45.7166

Background



This preview shows how black text looks on a background with the XYZ color 45.7371, 41.8758, 45.7166.



This preview shows how white text looks on a background with the XYZ color 45.7371, 41.8758,

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

45.7371, 41.8758, 45.7166

Protanopia

40.6699, 41.9143, 49.1267

Deuteranopia

42.7807, 41.9695, 45.3813



Tritanopia

45.7371, 41.8758, 45.7166

Trichromacy



Original Color

45.7371, 41.8758, 45.7166

Protanomaly

42.2882, 41.6587, 47.9316

Deuteranomaly

43.6847, 41.8917, 45.3186

Tritanomaly

45.7371, 41.8758, 45.7166

Monochromacy



Original Color

45.7371, 41.8758, 45.7166

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.7943, 42.7858, 46.5604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7371, 41.8758, 45.7166 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(205, 162, 174)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 162, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 162, 174) }
```

Border

The CSS property to change the border of an element to XYZ 45.7371, 41.8758, 45.7166 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(205, 162, 174) }
```


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

```
.border{ border-color:rgb(205, 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(205, 162, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 162, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 162, 174);  
box-shadow:4px 4px 4px 4px rgb(205, 162,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7371, 41.8758, 45.7166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 162, 174) }
```

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

```
.background{ background-color: rgb(205,  
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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