

Converting Colors

XYZ(47.6903, 45.5771, 48.5295)

Have a look what the booklet for
XYZ(47.6903, 45.5771, 48.5295)
contains.

XYZ(47.6902, 45.5568, 48.3993)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.6902, 45.5568,
48.3993)**

Conversions

Conversions Part 1

Format	Color
Hex	CCACB2
RGB	204, 172, 178
RGB Percent	80%, 67%, 70%
CMY	0.2000, 0.3255, 0.3020
CMYK	0.00, 0.16, 0.13, 0.20
HSL	349°, 24%, 74%
HSV	349°, 16%, 80%
XYZ	47.6902, 45.5568, 48.3993
YIQ	182.2520, 17.1460, 8.6500

Conversions

Conversions Part 2

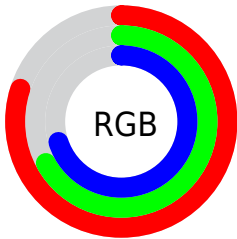
Format	Color
RYB	204, 172, 178
Decimal	13413554
CIELab	73.26, 12.59, 1.26
CIELCh	73, 12.648, 5.698
Yxy	45.5568, 0.3367, 0.3216
Android (android.graphics.Color)	4291603634 (0xFFCCACB2)
YUV	182.2520, -2.0962, 19.0730
Hunter-Lab	67.4958, 8.0044, 4.7319

Details

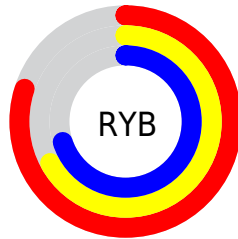
The XYZ color **47.6902, 45.5568, 48.3993** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8009, 56.0346, 61.6724**, and the grayscale version is **44.6063, 46.9293, 51.1060**.

A 20% lighter version of the original color is **83.5604, 82.1387, 89.2921**, and **22.9958, 21.3976, 22.3202** is the 20% darker color. If you saturate the color by 10%, you get **42.5367, 37.7541, 38.9601**, and if you desaturate by 10%, it is **53.6434, 54.6360, 59.0986**.

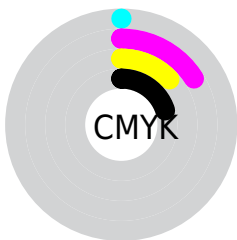
Distribution



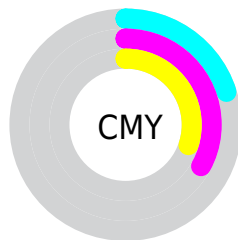
- Red (80%)
- Green (67%)
- Blue (70%)



- Red (80%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (13%)
- Black (20%)





- Cyan (20%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6902, 45.5568, 48.3993 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 47.6902, 45.5568, 48.3993 by changing the saturation by 10% instead.


 47.6902, 45.5568,
48.3993

 47.6902, 45.5568,
48.3993


368.1659,
369.0240, 396.9270

 33.7918, 31.8962,
33.7810


 85.9555, 83.5553,
89.1704

 22.8959, 21.2822,
22.4494


111.0531,
108.6621, 116.1602

 14.6369, 13.3305,
13.9860


140.6145,
138.3530, 148.1109

 8.6496, 7.6565,
7.9723

175.0050,
173.0124, 185.4410

 4.5686, 3.8759,
3.9897

214.5901,
213.0249, 228.5692

 2.0286, 1.6044,
1.6197

259.7350,

 0.6499, 0.3606,

258.7747, 277.9139

0.3048

310.8052,
310.6463, 333.8936

0.0000, 0.0000,
0.0000

47.6902, 45.5568,
48.3993

47.6902, 45.5568,
48.3993

42.5367, 37.7541,
38.9601

53.6434, 54.6360,
59.0986

38.1449, 31.1648,
30.7313

60.4246, 65.0389,
71.0991

34.4793, 25.7294,
23.6645

68.0654, 76.8181,
84.4439

31.5000, 21.3813,
17.7067

76.5948, 90.0212,
99.1730

29.1633, 18.0467,
12.8006

78.7120, 91.5774,
108.1354

■ 27.4203, 15.6428,
8.8837

■ 26.2148, 14.0736,
5.8869

■ 25.4787, 13.2210,
3.7308

■ 25.2556, 12.9789,
3.0274

Harmonies

Analogous

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



47.3101, 45.5568, 54.8091



47.6902, 45.5568, 48.3993



46.8618, 45.5568, 42.8040

Triad

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



47.6902, 45.5568, 48.3993



40.8560, 45.5568, 40.3196



41.5665, 45.5568, 61.6057

Complementary

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



47.6902, 45.5568, 48.3993



48.8009, 56.0346, 61.6724

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.



39.9241, 45.5568, 57.0877



47.6902, 45.5568, 48.3993



39.5238, 45.5568, 44.7386

Square

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



47.6902, 45.5568, 48.3993



42.8778, 45.5568, 38.4020



39.1885, 45.5568, 50.8277



43.7257, 45.5568, 62.7957

Rectangle

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



47.6902, 45.5568, 48.3993



45.7519, 45.5568, 40.1710



39.1885, 45.5568, 50.8277



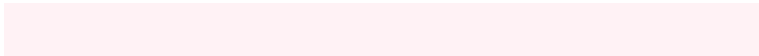
40.9381, 45.5568, 60.4080

Sweetspot

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



47.6915, 45.5588, 48.4003



89.4930, 91.4838, 99.0392



48.8364, 45.8183, 63.3969



18.9941, 19.3348, 20.9114



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.



47.6915, 45.5588, 48.4003



75.7908, 70.6066, 74.3490



48.9958, 49.1100, 45.9291



11.2968, 11.2474, 12.0975



15.9217, 8.1793, 2.0402



0.8479, 0.4325, 0.2446

Inverse Universe

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



47.6915, 45.5588, 48.4003



75.7908, 70.6066, 74.3490



47.2949, 51.8936, 64.6508



11.2968, 11.2474, 12.0975



15.9217, 8.1793, 2.0402



0.8479, 0.4325, 0.2446

Previews

White Background



This preview shows how the XYZ color 47.6902, 45.5568, 48.3993 looks on a white background.

Color Contrast Check

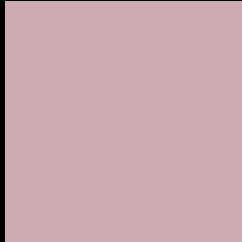
Large Text (above 18pt) WCAG AA × Fail

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 47.6902, 45.5568, 48.3993 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 47.6902, 45.5568, 48.3993

Background



This preview shows how black text looks on a background with the XYZ color 47.6902, 45.5568, 48.3993.



This preview shows how white text looks on a background with the XYZ color 47.6902, 45.5568,

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

47.6902, 45.5568, 48.3993

Protanopia

44.0920, 45.6849, 50.7501

Deuteranopia

46.4606, 45.4922, 48.4516



Tritanopia

48.3915, 45.5656, 51.5919

Trichromacy



Original Color

47.6902, 45.5568, 48.3993

Protanomaly

45.3517, 45.4632, 50.1011

Deuteranomaly

46.7989, 45.3809, 48.4123

Tritanomaly

48.1832, 45.4824, 50.4954

Monochromacy



Original Color

47.6902, 45.5568, 48.3993

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.4961, 46.1241, 50.2210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6902, 45.5568, 48.3993 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(204, 172, 178)` looks like.

```
.text, #text, p{  
    color:rgb(204, 172, 178)  
}
```

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(204, 172, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 172, 178) }
```

Border

The CSS property to change the border of an element to XYZ 47.6902, 45.5568, 48.3993 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(204, 172, 178) }
```


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

```
.border{ border-color:rgb(204, 172, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 172, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 172, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 172, 178);  
box-shadow:4px 4px 4px 4px rgb(204, 172,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6902, 45.5568, 48.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 172, 178) }
```

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

```
.background{ background-color: rgb(204,  
172, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor