

Converting Colors

XYZ(48.6108, 47.0579, 45.4555)

Have a look what the booklet for
XYZ(48.6108, 47.0579, 45.4555)
contains.

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Color

**XYZ(48.5085, 46.9039,
45.5264)**

Conversions

Conversions Part 1

Format	Color
Hex	CFAFAC
RGB	207, 175, 172
RGB Percent	81%, 69%, 67%
CMY	0.1882, 0.3137, 0.3255
CMYK	0.00, 0.15, 0.17, 0.19
HSL	5°, 27%, 74%
HSV	5°, 17%, 81%
XYZ	48.5085, 46.9039, 45.5264
YIQ	184.2260, 20.0350, 5.8510

Conversions

Conversions Part 2

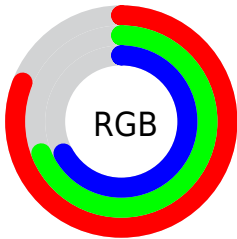
Format	Color
RYB	207, 175, 172
Decimal	13610924
CIELab	74.13, 11.09, 5.84
CIELCh	74, 12.533, 27.771
Yxy	46.9039, 0.3442, 0.3328
Android (android.graphics.Color)	4291801004 (0xFFCFAFAC)
YUV	184.2260, -6.0274, 19.9728
Hunter-Lab	68.4864, 6.5792, 8.5274

Details

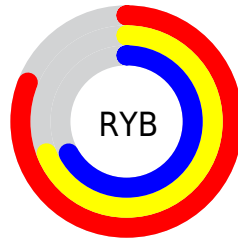
The XYZ color **48.5085, 46.9039, 45.5264** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.8682, 56.4601, 67.3015**, and the grayscale version is **45.7104, 48.0910, 52.3710**.

A 20% lighter version of the original color is **83.6810, 83.9579, 84.4681**, and **23.4220, 22.1974, 20.8193** is the 20% darker color. If you saturate the color by 10%, you get **43.2449, 39.3140, 34.7157**, and if you desaturate by 10%, it is **54.6006, 55.6542, 58.1421**.

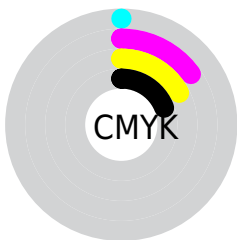
Distribution



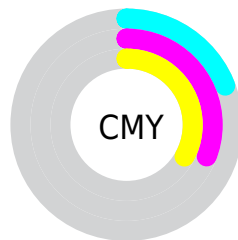
- Red (81%)
- Green (69%)
- Blue (67%)



- Red (81%)
- Yellow (69%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (17%)
- Black (19%)




- Cyan (19%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5085, 46.9039, 45.5264 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 48.5085, 46.9039, 45.5264 by changing the saturation by 10% instead.


 48.5085, 46.9039,
45.5264

 48.5085, 46.9039,
45.5264


371.3533,
374.4308, 385.1234

 34.4427, 32.9597,
31.5263


 87.1662, 85.5702,
84.8366

 23.3984, 22.0956,
20.7381


112.4887,
111.0610, 110.9837

 15.0103, 13.9271,
12.7433

142.2942,
141.1695, 142.0170

 8.9129, 8.0700,
7.1234

176.9480,
176.2801, 178.3548

 4.7411, 4.1398,
3.4598

216.8154,
216.7771, 220.4159

 2.1294, 1.7521,
1.3339

262.2619,

 0.7051, 0.4570,

263.0449, 268.6186

0.0894

313.6527,
315.4681, 323.3816

■ 0.0000, 0.0000,
0.0000

■ 48.5085, 46.9039,
45.5264

■ 48.5085, 46.9039,
45.5264

■ 43.2449, 39.3140,
34.7157

■ 54.6006, 55.6542,
58.1421

■ 38.7702, 32.8297,
25.6246

■ 61.5506, 65.6041,
72.6370

■ 35.0475, 27.4013,
18.1654

■ 69.3917, 76.7988,
89.0847

■ 32.0353, 22.9729,
12.2413

■ 78.1536, 89.2792,
107.5538

■ 29.6882, 19.4832,
7.7452

■ 79.5423, 92.0055,
108.1743

■ 27.9553, 16.8645,
4.5566

■ 26.7786, 15.0396,
2.5346

■ 26.0862, 13.9171,
1.4952

■ 25.9448, 13.6905,
1.2751

Harmonies

Analogous

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



49.0327, 46.9039, 51.5525



48.5085, 46.9039, 45.5264



46.9216, 46.9039, 41.3142

Triad

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



48.5085, 46.9039, 45.5264



41.0295, 46.9039, 44.7597



44.4132, 46.9039, 64.4399

Complementary

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



48.5085, 46.9039, 45.5264



49.8682, 56.4601, 67.3015

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.



42.3191, 46.9039, 62.2529



48.5085, 46.9039, 45.5264



40.4068, 46.9039, 50.5913

Square

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



48.5085, 46.9039, 45.5264



42.6004, 46.9039, 40.8984



40.8710, 46.9039, 57.0471



46.6215, 46.9039, 62.8029

Rectangle

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



48.5085, 46.9039, 45.5264



45.5009, 46.9039, 39.9206



40.8710, 46.9039, 57.0471



43.6730, 46.9039, 64.1239

Sweetspot

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



48.5098, 46.9060, 45.5274



89.4583, 91.9933, 97.2429



51.3943, 47.1347, 63.5688



18.9857, 19.4581, 20.4767



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.



48.5098, 46.9060, 45.5274



74.7870, 70.9154, 66.8731



52.1203, 54.1270, 46.7309



11.8891, 11.9690, 12.2957



16.3755, 8.6840, 0.8131



0.9445, 0.5433, 0.0551

Inverse Universe

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



49.8682, 56.4601, 67.3015



77.3314, 88.8164, 107.6752



45.9584, 48.6404, 65.9982



12.0680, 13.2263, 15.1605



18.6277, 25.9020, 41.2103



1.0676, 1.5005, 2.3129

Previews

White Background



This preview shows how the XYZ color 48.5085, 46.9039, 45.5264 looks on a white background.

Color Contrast Check

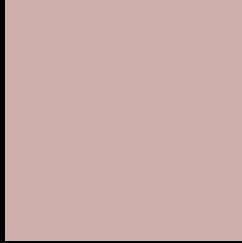
Large Text (above 18pt) WCAG AA × Fail

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 48.5085, 46.9039, 45.5264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

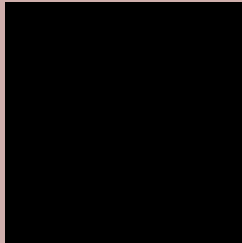
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5085, 46.9039, 45.5264

Background



This preview shows how black text looks on a background with the XYZ color 48.5085, 46.9039, 45.5264.



This preview shows how white text looks on a background with the XYZ color 48.5085, 46.9039,

45.5264.

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

48.5085, 46.9039, 45.5264

Protanopia

45.0579, 47.1553, 47.8014

Deuteranopia

47.8736, 46.8666, 45.5527



Tritanopia

50.1010, 46.9876, 52.8833

Trichromacy



Original Color

48.5085, 46.9039, 45.5264

Protanomaly

46.1061, 46.8047, 47.1616

Deuteranomaly

48.1486, 47.0084, 45.5655

Tritanomaly

49.4890, 47.0182, 50.1831

Monochromacy



Original Color

48.5085, 46.9039, 45.5264

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.5003, 47.5495, 49.9072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5085, 46.9039, 45.5264 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, 175, 172)` looks like.

```
.text, #text, p{  
    color:rgb(207, 175, 172)  
}
```

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, 175, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 175, 172) }
```

Border

The CSS property to change the border of an element to XYZ 48.5085, 46.9039, 45.5264 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, 175, 172) }
```


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

```
.border{ border-color:rgb(207, 175, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 175, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 175, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 175, 172);  
box-shadow:4px 4px 4px 4px rgb(207, 175,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5085, 46.9039, 45.5264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 175, 172) }
```

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

```
.background{ background-color: rgb(207,  
175, 172) }
```

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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