

Converting Colors

XYZ(47.8475, 46.1701, 54.5003)

Have a look what the booklet for
XYZ(47.8475, 46.1701, 54.5003)
contains.

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Color

**XYZ(47.8745, 46.0883,
54.5168)**

Conversions

Conversions Part 1

Format	Color
Hex	C7AEBD
RGB	199, 174, 189
RGB Percent	78%, 68%, 74%
CMY	0.2196, 0.3176, 0.2588
CMYK	0.00, 0.13, 0.05, 0.22
HSL	324°, 18%, 73%
HSV	324°, 13%, 78%
XYZ	47.8745, 46.0883, 54.5168
YIQ	183.1850, 10.0850, 9.9650

Conversions

Conversions Part 2

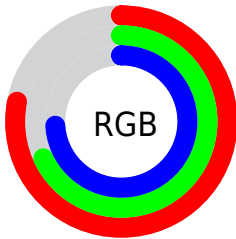
Format	Color
R _{YB}	199, 174, 189
Decimal	13086397
CIE Lab	73.60, 11.61, -4.33
CIE LCh	74, 12.386, 339.559
Yxy	46.0883, 0.3224, 0.3104
Android (android.graphics.Color)	4291276477 (0xFFC7AEBD)
YUV	183.1850, 2.8668, 13.8698
Hunter-Lab	67.8884, 7.0726, -0.0901

Details

The XYZ color **47.8745, 46.0883, 54.5168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.5324, 53.3074, 53.1866**, and the grayscale version is **45.0932, 47.4415, 51.6638**.

A 20% lighter version of the original color is **86.0182, 84.4462, 98.1523**, and **23.0805, 21.7164, 26.2678** is the 20% darker color. If you saturate the color by 10%, you get **43.4709, 38.6258, 48.9020**, and if you desaturate by 10%, it is **52.8977, 54.7129, 60.5733**.

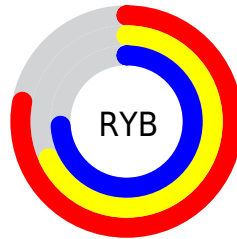
Distribution



Red (78%)

Green (68%)

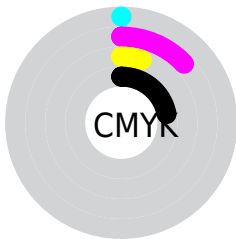
Blue (74%)



Red (78%)

Yellow (68%)

Blue (74%)

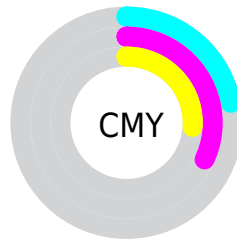


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8745, 46.0883, 54.5168 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 47.8745, 46.0883, 54.5168 by changing the saturation by 10% instead.

■ 47.8745, 46.0883,
54.5168

■ 47.8745, 46.0883,
54.5168

368.8853,
371.1635, 421.3079

■ 33.9383, 32.3155,
38.6190

■ 86.2283, 84.3511,
98.2967

■ 23.0089, 21.6026,
26.1579

111.3767,
109.6100, 127.0158

■ 14.7208, 13.5652,
16.7150

140.9933,
139.4663, 160.8458

■ 8.7087, 7.8189,
9.8717

175.4433,
174.3044, 200.2053

■ 4.6073, 3.9793,
5.2095

215.0922,
214.5088, 245.5127

■ 2.0511, 1.6620,
2.3098

260.3052,

■ 0.6624, 0.3989,

260.4639, 297.1865

0.7367

311.4478,
312.5540, 355.6454

■ 0.0000, 0.0000,
0.0000

■ 47.8745, 46.0883,
54.5168

■ 47.8745, 46.0883,
54.5168

■ 43.4709, 38.6258,
48.9020

■ 52.8977, 54.7129,
60.5733

■ 39.6573, 32.2692,
43.7138

■ 58.5608, 64.5407,
67.0802

■ 36.4074, 26.9666,
38.9399

■ 64.8879, 75.6182,
74.0496

■ 33.6914, 22.6594,
34.5666

■ 71.9006, 87.9876,
81.4923

■ 31.4765, 19.2836,
30.5790

■ 73.4293, 89.3086,
87.3551

■ 29.7261, 16.7673,
26.9608

■ 74.5655, 89.7631,
93.3386

■ 28.3984, 15.0280,
23.6936

■ 75.7534, 90.2382,
99.5940

■ 27.4432, 13.9671,
20.7566

■ 76.9936, 90.7343,
106.1247

■ 26.9067, 13.4836,
18.7605

■ 77.3634, 90.8822,
108.0723

Harmonies

Analogous

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



46.5448, 46.0883, 60.0749



47.8745, 46.0883, 54.5168



48.0943, 46.0883, 48.2045

Triad

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



47.8745, 46.0883, 54.5168



43.1094, 46.0883, 39.1962



40.6360, 46.0883, 58.2685

Complementary

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



47.8745, 46.0883, 54.5168



46.5324, 53.3074, 53.1866

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.



39.7796, 46.0883, 52.2135



47.8745, 46.0883, 54.5168



41.1759, 46.0883, 41.4401

Square

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



47.8745, 46.0883, 54.5168



45.2940, 46.0883, 39.7008



39.9739, 46.0883, 46.0839



42.3501, 46.0883, 62.3632

Rectangle

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



47.8745, 46.0883, 54.5168



47.5747, 46.0883, 44.4604



39.9739, 46.0883, 46.0839



40.2409, 46.0883, 56.3753

Sweetspot

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



47.8758, 46.0903, 54.5178



91.2318, 93.4038, 104.4206



45.2138, 44.5882, 60.2568



19.3781, 19.7350, 22.1731



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.



47.8758, 46.0903, 54.5178



81.6718, 77.0303, 92.7669



46.5769, 45.5707, 47.6775



10.8965, 10.7420, 12.4383



17.3457, 8.6878, 12.2962



0.8564, 0.4254, 0.7669

Inverse Universe

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



47.8758, 46.0903, 54.5178



81.6718, 77.0303, 92.7669



47.9012, 53.8549, 60.3946



10.8965, 10.7420, 12.4383



17.3457, 8.6878, 12.2962



0.8564, 0.4254, 0.7669

Previews

White Background



This preview shows how the XYZ color 47.8745, 46.0883, 54.5168 looks on a white background.

Color Contrast Check

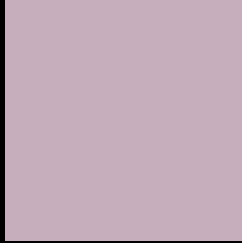
Large Text (above 18pt) WCAG AA × Fail

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 47.8745, 46.0883, 54.5168 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 47.8745, 46.0883, 54.5168

Background



This preview shows how black text looks on a background with the XYZ color 47.8745, 46.0883, 54.5168.



This preview shows how white text looks on a background with the XYZ color 47.8745, 46.0883,

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

47.8745, 46.0883, 54.5168

Protanopia

45.0030, 46.3165, 57.0202

Deuteranopia

47.2163, 46.3269, 54.5975



Tritanopia

47.7663, 46.0451, 53.9470

Trichromacy



Original Color

47.8745, 46.0883, 54.5168

Protanomaly

46.1739, 46.3379, 56.3797

Deuteranomaly

47.2802, 46.0698, 54.5445

Tritanomaly

47.7663, 46.0451, 53.9470

Monochromacy



Original Color

47.8745, 46.0883, 54.5168

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.0645, 46.9641, 52.5361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8745, 46.0883, 54.5168 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(199, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(199, 174, 189)  
}
```

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(199, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 174, 189) }
```

Border

The CSS property to change the border of an element to XYZ 47.8745, 46.0883, 54.5168 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(199, 174, 189) }
```


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

```
.border{ border-color:rgb(199, 174, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 174, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(199, 174,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8745, 46.0883, 54.5168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 174, 189) }
```

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

```
.background{ background-color: rgb(199,  
174, 189) }
```

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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