

Converting Colors

XYZ(47.3498, 46.5922, 50.4699)

Have a look what the booklet for
XYZ(47.3498, 46.5922, 50.4699)
contains.

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Color

**XYZ(47.1545, 46.3926,
50.1854)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B0B5
RGB	198, 176, 181
RGB Percent	78%, 69%, 71%
CMY	0.2235, 0.3098, 0.2902
CMYK	0.00, 0.11, 0.09, 0.22
HSL	346°, 16%, 73%
HSV	346°, 11%, 78%
XYZ	47.1545, 46.3926, 50.1854
YIQ	183.1480, 11.5070, 6.2190

Conversions

Conversions Part 2

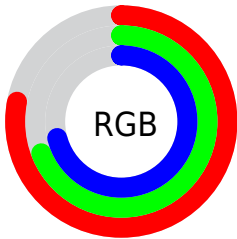
Format	Color
RYB	198, 176, 181
Decimal	13021365
CIELab	73.80, 8.75, 0.34
CIElCh	74, 8.760, 2.199
Yxy	46.3926, 0.3281, 0.3228
Android (android.graphics.Color)	4291211445 (0xFFC6B0B5)
YUV	183.1480, -1.0590, 13.0252
Hunter-Lab	68.1121, 4.3806, 3.9933

Details

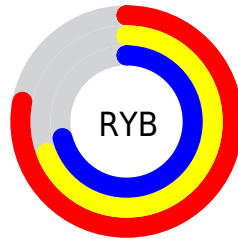
The XYZ color **47.1545, 46.3926, 50.1854** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7260, 53.4697, 58.2599**, and the grayscale version is **45.0932, 47.4416, 51.6638**.

A 20% lighter version of the original color is **85.3827, 85.0877, 92.0442**, and **22.4808, 21.6537, 23.4168** is the 20% darker color. If you saturate the color by 10%, you get **42.0671, 38.5937, 41.1638**, and if you desaturate by 10%, it is **52.9833, 55.3971, 60.3061**.

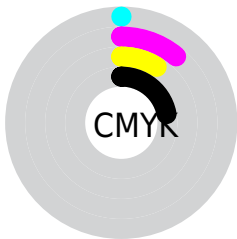
Distribution



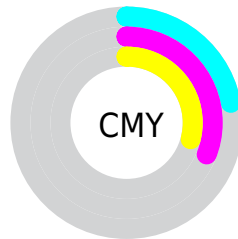
- Red (78%)
- Green (69%)
- Blue (71%)



- Red (78%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (22%)



- Cyan (22%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1545, 46.3926, 50.1854 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 47.1545, 46.3926, 50.1854 by changing the saturation by 10% instead.

■ 47.1545, 46.3926,
50.1854

■ 47.1545, 46.3926,
50.1854

366.0695,
372.3848, 404.1463

■ 33.3663, 32.5557,
35.1885

■ 85.1615, 84.8063,
91.8486

■ 22.5678, 21.7863,
23.5234

110.1111,
110.1518, 119.3521

■ 14.3936, 13.7000,
14.7715

139.5117,
140.1025, 151.8615

■ 8.4785, 7.9123,
8.5144

173.7289,
175.0425, 189.7953

■ 4.4570, 4.0389,
4.3334

213.1279,
215.3563, 233.5722

■ 1.9638, 1.6953,
1.8099

258.0741,

■ 0.6135, 0.4206,

261.4284, 283.6106

0.4345

308.9328,
313.6431, 340.3292

■ 0.0000, 0.0000,
0.0000

■ 47.1545, 46.3926,
50.1854

■ 47.1545, 46.3926,
50.1854

■ 42.0671, 38.5937,
41.1638

■ 52.9833, 55.3971,
60.3061

■ 37.6872, 31.9432,
33.2011

■ 59.5777, 65.6490,
71.5586

■ 33.9840, 26.3884,
26.2587

■ 66.9659, 77.1957,
83.9776

■ 30.9231, 21.8702,
20.2945

■ 75.1077, 89.9494,
97.5740

■ 28.4667, 18.3237,
15.2638

■ 77.0989, 90.7459,
108.0599

■ 26.5732, 15.6768,
11.1177

■ 25.1953, 13.8472,
7.8029

■ 24.2775, 12.7372,
5.2600

■ 23.7621, 12.1952,
3.5818

Harmonies

Analogous

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



46.7963, 46.3926, 54.6190



47.1545, 46.3926, 50.1854



46.6769, 46.3926, 46.0813

Triad

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



47.1545, 46.3926, 50.1854



42.5187, 46.3926, 43.6002



42.7132, 46.3926, 58.4838

Complementary

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



47.1545, 46.3926, 50.1854



47.7260, 53.4697, 58.2599

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.



41.6096, 46.3926, 55.2215



47.1545, 46.3926, 50.1854



41.4992, 46.3926, 46.6193

Square

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



47.1545, 46.3926, 50.1854



43.9800, 46.3926, 42.4213



41.1704, 46.3926, 50.8433



44.2097, 46.3926, 59.5748

Rectangle

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



47.1545, 46.3926, 50.1854



45.9553, 46.3926, 44.0374



41.1704, 46.3926, 50.8433



42.2852, 46.3926, 57.5957

Sweetspot

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



47.1558, 46.3946, 50.1864



91.7205, 94.8408, 103.1662



47.6782, 46.4499, 59.8794



19.4460, 20.0121, 21.7605



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.



47.1558, 46.3946, 50.1864



81.5175, 79.1013, 85.3790



47.8273, 48.5435, 47.9258



10.7309, 10.6758, 11.5663



15.4803, 7.9417, 2.4731



0.7616, 0.3875, 0.2675

Inverse Universe

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



47.1558, 46.3946, 50.1864



81.5175, 79.1013, 85.3790



46.9781, 51.0666, 60.8075



10.7309, 10.6758, 11.5663



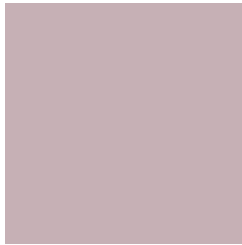
15.4803, 7.9417, 2.4731



0.7616, 0.3875, 0.2675

Previews

White Background



This preview shows how the XYZ color 47.1545, 46.3926, 50.1854 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 47.1545, 46.3926, 50.1854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

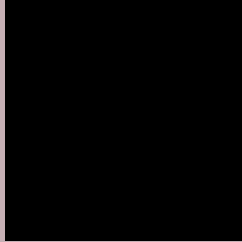
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1545, 46.3926, 50.1854

Background



This preview shows how black text looks on a background with the XYZ color 47.1545, 46.3926, 50.1854.



This preview shows how white text looks on a background with the XYZ color 47.1545, 46.3926,

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

47.1545, 46.3926, 50.1854

Protanopia

44.9428, 46.6988, 51.9924

Deuteranopia

47.4190, 46.5290, 50.1978



Tritanopia

48.0685, 46.4762, 54.5814

Trichromacy



Original Color

47.1545, 46.3926, 50.1854

Protanomaly

45.6536, 46.4779, 51.3647

Deuteranomaly

47.4190, 46.5290, 50.1978

Tritanomaly

47.7461, 46.3472, 52.8838

Monochromacy



Original Color

47.1545, 46.3926, 50.1854

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.5038, 46.7113, 50.8738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1545, 46.3926, 50.1854 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(198, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(198, 176, 181)  
}
```

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(198, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 176, 181) }
```

Border

The CSS property to change the border of an element to XYZ 47.1545, 46.3926, 50.1854 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(198, 176, 181) }
```


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

```
.border{ border-color:rgb(198, 176, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 176, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(198, 176,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1545, 46.3926, 50.1854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 176, 181) }
```

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

```
.background{ background-color: rgb(198,  
176, 181) }
```

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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