

Converting Colors

XYZ(45.4809, 46.4853, 50.5810)

Have a look what the booklet for
XYZ(45.4809, 46.4853, 50.5810)
contains.

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Color

**XYZ(45.5499, 46.4364,
50.8184)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB3B6
RGB	189, 179, 182
RGB Percent	74%, 70%, 71%
CMY	0.2588, 0.2980, 0.2863
CMYK	0.00, 0.05, 0.04, 0.26
HSL	342°, 7%, 72%
HSV	342°, 5%, 74%
XYZ	45.5499, 46.4364, 50.8184
YIQ	182.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

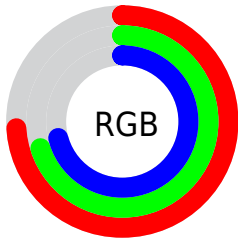
Format	Color
RYB	189, 179, 182
Decimal	12432310
CIELab	73.83, 4.09, -0.26
CIELCh	74, 4.098, 356.334
Yxy	46.4364, 0.3190, 0.3252
Android (android.graphics.Color)	4290622390 (0xFFBDB3B6)
YUV	182.3320, -0.1637, 5.8478
Hunter-Lab	68.1443, 0.0629, 3.4856

Details

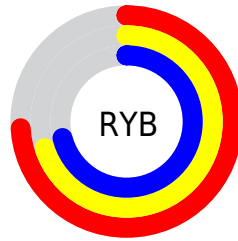
The XYZ color **45.5499, 46.4364, 50.8184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6527, 49.5253, 53.6100**, and the grayscale version is **44.6444, 46.9694, 51.1497**.

A 20% lighter version of the original color is **82.7971, 85.0022, 92.9321**, and **21.5766, 21.7409, 23.8281** is the 20% darker color. If you saturate the color by 10%, you get **40.7151, 38.8526, 42.7750**, and if you desaturate by 10%, it is **51.0358, 55.1143, 59.7177**.

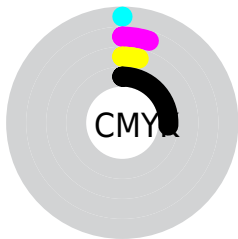
Distribution



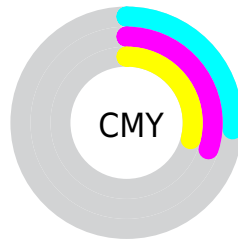
- Red (74%)
- Green (70%)
- Blue (71%)



- Red (74%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (26%)



- Cyan (26%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5499, 46.4364, 50.8184 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 45.5499, 46.4364, 50.8184 by changing the saturation by 10% instead.

■ 45.5499, 46.4364,
50.8184

■ 45.5499, 46.4364,
50.8184

359.7425,
372.5604, 406.6842

■ 32.0939, 32.5903,
35.6884

■ 82.7770, 84.8717,
92.7950

■ 21.5891, 21.8128,
23.9058

107.2788,
110.2298, 120.4787

■ 13.6702, 13.7194,
15.0522

136.1932,
140.1940, 153.1841

■ 7.9718, 7.9258,
8.7090

169.8856,
175.1486, 191.3296

■ 4.1286, 4.0475,
4.4577

208.7214,
215.4782, 235.3338

■ 1.7751, 1.7002,
1.8796

253.0659,

■ 0.5026, 0.4238,

261.5671, 285.6153

0.4797

303.2845,
313.7997, 342.5926

■ 0.0000, 0.0000,
0.0000

■ 45.5499, 46.4364,
50.8184

■ 45.5499, 46.4364,
50.8184

■ 40.7151, 38.8526,
42.7750

■ 51.0358, 55.1143,
59.7177

■ 36.5029, 32.3135,
35.5588

■ 57.1922, 64.9213,
69.4946

■ 32.8885, 26.7748,
29.1436

■ 64.0423, 75.8981,
80.1737

■ 29.8439, 22.1867,
23.5010

■ 71.6071, 88.0818,
91.7777

■ 27.3387, 18.4951,
18.6004

■ 73.7166, 89.1270,
102.2649

■ 25.3397, 15.6404,
14.4094

■ 74.7966, 89.5590,
107.9522

■ 23.8097, 13.5558,
10.8928

■ 22.7062, 12.1638,
8.0120

■ 21.9775, 11.3700,
5.7234

Harmonies

Analogous

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



45.3132, 46.4364, 52.8192



45.5499, 46.4364, 50.8184



45.4044, 46.4364, 48.8016

Triad

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



45.5499, 46.4364, 50.8184



43.5176, 46.4364, 47.0487



43.3640, 46.4364, 53.9762

Complementary

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



45.5499, 46.4364, 50.8184



45.6527, 49.5253, 53.6100

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.



42.8922, 46.4364, 52.3629



45.5499, 46.4364, 50.8184



42.9802, 46.4364, 48.3687

Square

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



45.5499, 46.4364, 50.8184



44.2261, 46.4364, 46.6605



42.7525, 46.4364, 50.3052



44.0469, 46.4364, 54.6737

Rectangle

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



45.5499, 46.4364, 50.8184



45.1112, 46.4364, 47.7130



42.7525, 46.4364, 50.3052



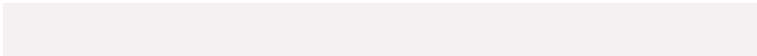
43.1758, 46.4364, 53.5209

Sweetspot

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



45.5512, 46.4384, 50.8194



84.6511, 88.0133, 96.0372



45.5567, 46.3555, 54.6913



18.2255, 18.9610, 20.6876



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.5512, 46.4384, 50.8194



80.8399, 82.0027, 89.7979



45.6484, 47.1231, 49.3399



9.9547, 10.0695, 11.0306



14.6413, 7.4877, 3.4050



0.6034, 0.3052, 0.2905

Inverse Universe

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



45.5512, 46.4384, 50.8194



80.8399, 82.0027, 89.7979



45.5476, 48.7999, 55.1636



9.9547, 10.0695, 11.0306



14.6413, 7.4877, 3.4050



0.6034, 0.3052, 0.2905

Previews

White Background



This preview shows how the XYZ color 45.5499, 46.4364, 50.8184 looks on a white background.

Color Contrast Check

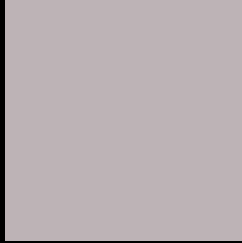
Large Text (above 18pt) WCAG AA × Fail

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 45.5499, 46.4364, 50.8184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

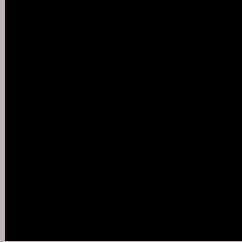
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5499, 46.4364, 50.8184

Background



This preview shows how black text looks on a background with the XYZ color 45.5499, 46.4364, 50.8184.

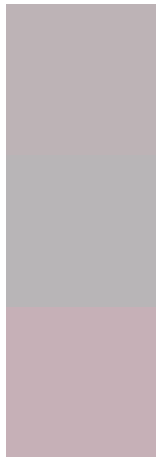


This preview shows how white text looks on a background with the XYZ color 45.5499, 46.4364,

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

45.5499, 46.4364, 50.8184

Protanopia

44.8383, 46.6570, 51.4422

Deuteranopia

47.3613, 46.4753, 51.2742



Tritanopia

46.5596, 46.5495, 55.8212

Trichromacy



Original Color

45.5499, 46.4364, 50.8184

Protanomaly

45.1182, 46.5005, 51.3973

Deuteranomaly

46.7751, 46.4653, 51.3031

Tritanomaly

46.2327, 46.4188, 54.0999

Monochromacy



Original Color

45.5499, 46.4364, 50.8184

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.9750, 46.7394, 50.9071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5499, 46.4364, 50.8184 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(189, 179, 182)` looks like.

```
.text, #text, p{  
    color:rgb(189, 179, 182)  
}
```

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(189, 179, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 179, 182) }
```

Border

The CSS property to change the border of an element to XYZ 45.5499, 46.4364, 50.8184 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(189, 179, 182) }
```


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

```
.border{ border-color:rgb(189, 179, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 179, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 179, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 179, 182);  
box-shadow:4px 4px 4px 4px rgb(189, 179,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5499, 46.4364, 50.8184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 179, 182) }
```

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

```
.background{ background-color: rgb(189,  
179, 182) }
```

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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