

Converting Colors

XYZ(48.2638, 53.9986, 46.7899)

Have a look what the booklet for
XYZ(48.2638, 53.9986, 46.7899)
contains.

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Color

**XYZ(48.3795, 54.0581,
46.9141)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BCC6AC |
| RGB | 188, 198, 172 |
| RGB Percent | 74%, 78%, 67% |
| CMY | 0.2627, 0.2235, 0.3255 |
| CMYK | 0.05, 0.00, 0.13, 0.22 |
| HSL | 83°, 19%, 73% |
| HSV | 83°, 13%, 78% |
| XYZ | 48.3795, 54.0581, 46.9141 |
| YIQ | 192.0460, 2.3860, -10.2060 |

Conversions

Conversions Part 2

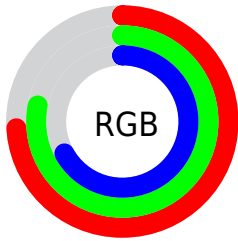
| Format | Color |
|-------------------------------------|--|
| RYB | 172, 198, 182 |
| Decimal | 12371628 |
| CIELab | 78.50, -8.09, 11.87 |
| CIELCh | 78, 14.361, 124.287 |
| Yxy | 54.0581, 0.3239, 0.3620 |
| Android (android.graphics.Color) | 4290561708 (0xFFBCC6AC) |
| YUV | 192.0460, -9.8827, -3.5483 |
| Hunter-Lab | 73.5242, -11.2130, 13.6354 |

Details

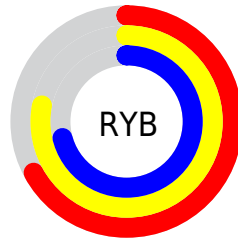
The XYZ color **48.3795, 54.0581, 46.9141** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.2391, 43.5288, 59.4992**, and the grayscale version is **50.1859, 52.7995, 57.4987**.

A 20% lighter version of the original color is **86.9334, 96.2991, 86.6788**, and **23.3551, 26.4535, 21.6444** is the 20% darker color. If you saturate the color by 10%, you get **44.7909, 52.4133, 37.5482**, and if you desaturate by 10%, it is **52.3535, 55.8720, 57.7793**.

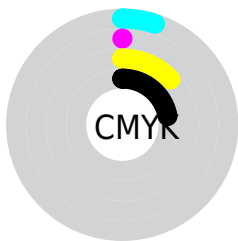
Distribution



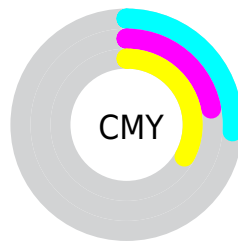
- Red (74%)
- Green (78%)
- Blue (67%)



- Red (67%)
- Yellow (78%)
- Blue (71%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3795, 54.0581, 46.9141 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 48.3795, 54.0581, 46.9141 by changing the saturation by 10% instead.

■ 48.3795, 54.0581,
46.9141

■ 48.3795, 54.0581,
46.9141

370.8520,
402.3315, 390.8554

■ 34.3400, 38.6481,
32.6139

■ 86.9755, 96.1595,
86.9340

■ 23.3191, 26.4861,
21.5621

112.2626,
123.6198, 113.4908

■ 14.9513, 17.1876,
13.3403

142.0298,
155.8656, 144.9702

■ 8.8713, 10.3684,
7.5298

176.6422,
193.2813, 181.7908

■ 4.7138, 5.6439,
3.7122

216.4653,
236.2514, 224.3711

■ 2.1133, 2.6298,
1.4688

261.8644,

■ 0.6964, 0.9417,

285.1602, 273.1295

0.1945

313.2048,
340.3921, 328.4848

■ 0.0000, 0.0000,
0.0000

■ 48.3795, 54.0581,
46.9141

■ 48.3795, 54.0581,
46.9141

■ 44.7909, 52.4133,
37.5482

■ 52.3535, 55.8720,
57.7793

■ 41.5693, 50.9248,
29.6123

■ 56.7217, 57.8535,
70.2021

■ 38.7012, 49.5888,
23.0368

■ 61.4981, 60.0100,
84.2419

■ 36.1704, 48.3987,
17.7450

■ 66.6945, 62.3465,
99.9539

■ 33.9593, 47.3471,
13.6522

■ 69.6372, 63.7935,
103.2508

■ 32.0484, 46.4261,
10.6642

■ 72.0807, 65.0532,
103.3652

■ 30.4151, 45.6266,
8.6720

■ 74.6317, 66.3683,
103.4846

■ 29.0330, 44.9376,
7.5449

■ 77.2915, 67.7395,
103.6091

■ 28.1969, 44.5154,
7.1062

■ 79.4852, 68.8704,
103.7117

Harmonies

Analogous

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



50.9755, 54.0581, 44.6635



48.3795, 54.0581, 46.9141



46.6380, 54.0581, 52.3621

Triad

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



48.3795, 54.0581, 46.9141



49.0586, 54.0581, 74.0263



56.9928, 54.0581, 57.7044

Complementary

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



48.3795, 54.0581, 46.9141



44.2391, 43.5288, 59.4992

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.



56.4343, 54.0581, 65.8746



48.3795, 54.0581, 46.9141



51.7879, 54.0581, 75.7851

Square

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



48.3795, 54.0581, 46.9141



47.0199, 54.0581, 68.0706



54.5033, 54.0581, 72.6791



56.0029, 54.0581, 50.5203

Rectangle

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



48.3795, 54.0581, 46.9141



46.1605, 54.0581, 57.3241



54.5033, 54.0581, 72.6791



56.9802, 54.0581, 60.4232

Sweetspot

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



48.3810, 54.0604, 46.9153



92.0219, 98.6237, 100.4124



47.4582, 48.4284, 45.8768



19.5773, 21.0553, 21.1616



0.0000, 0.0000, 0.0000



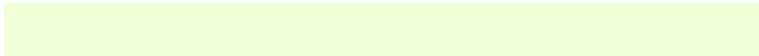
20.3446, 21.4041, 23.3091

Same Dimension

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



48.3810, 54.0604, 46.9153



83.6223, 94.7888, 77.6410



45.3288, 52.4870, 46.7724



11.1134, 12.2054, 11.3329



18.4341, 28.9984, 4.6257



0.9519, 1.4138, 0.2227

Inverse Universe

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



44.2391, 43.5288, 59.4992



74.7472, 72.2203, 104.6081



47.4446, 45.1813, 59.6493



10.4360, 10.4831, 13.3909



8.6651, 3.7013, 35.0021



0.4909, 0.2168, 1.6611

Previews

White Background



This preview shows how the XYZ color 48.3795, 54.0581, 46.9141 looks on a white background.

Color Contrast Check

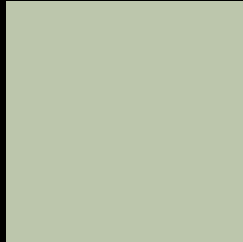
Large Text (above 18pt) WCAG AA × Fail

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 48.3795, 54.0581, 46.9141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

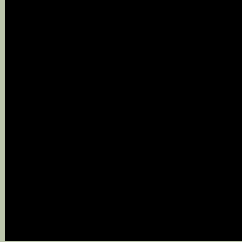
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

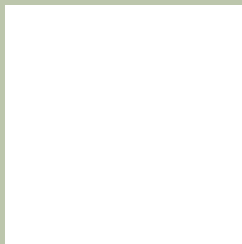
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3795, 54.0581, 46.9141

Background



This preview shows how black text looks on a background with the XYZ color 48.3795, 54.0581, 46.9141.



This preview shows how white text looks on a background with the XYZ color 48.3795, 54.0581,

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

48.3795, 54.0581, 46.9141

Protanopia

50.9543, 53.7387, 45.7172

Deuteranopia

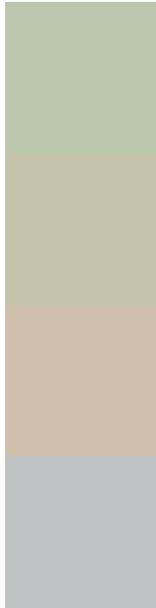
54.9255, 53.8123, 47.5363



Tritanopia

52.4474, 54.0315, 67.3393

Trichromacy



Original Color

48.3795, 54.0581, 46.9141

Protanomaly

50.1545, 53.9763, 46.3031

Deuteranomaly

52.1861, 53.6886, 47.1476

Tritanomaly

50.8513, 54.0467, 59.3817

Monochromacy



Original Color

48.3795, 54.0581, 46.9141

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.5346, 53.1627, 53.5496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3795, 54.0581, 46.9141 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(188, 198, 172)` looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 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(188, 198, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 172) }
```

Border

The CSS property to change the border of an element to XYZ 48.3795, 54.0581, 46.9141 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(188, 198, 172) }
```


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

```
.border{ border-color:rgb(188, 198, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 198, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 198, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 198, 172);  
box-shadow:4px 4px 4px 4px rgb(188, 198,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3795, 54.0581, 46.9141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 172) }
```

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

```
.background{ background-color: rgb(188,  
198, 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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