

Converting Colors

XYZ(43.1606, 48.0865, 40.3701)

Have a look what the booklet for
XYZ(43.1606, 48.0865, 40.3701)
contains.

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Color

**XYZ(43.1508, 48.2078,
40.2885)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B4BCA0 |
| RGB | 180, 188, 160 |
| RGB Percent | 71%, 74%, 63% |
| CMY | 0.2941, 0.2627, 0.3725 |
| CMYK | 0.04, 0.00, 0.15, 0.26 |
| HSL | 77°, 17%, 68% |
| HSV | 77°, 15%, 74% |
| XYZ | 43.1508, 48.2078, 40.2885 |
| YIQ | 182.4160, 4.2200, -10.4040 |

Conversions

Conversions Part 2

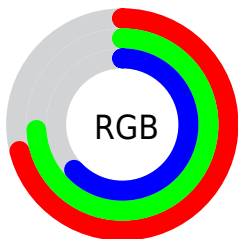
| Format | Color |
|--|---|
| RYB | 160, 188, 168 |
| Decimal | 11844768 |
| CIELab | 74.96, -7.77, 13.24 |
| CIElCh | 75, 15.347, 120.399 |
| Yxy | 48.2078, 0.3278, 0.3662 |
| Android (android.graphics.Color) | 4290034848 (0xFFB4BCA0) |
| YUV | 182.4160, -11.0511, -2.1188 |
| Hunter-Lab | 69.4318, -10.5708, 14.1987 |

Details

The XYZ color **43.1508, 48.2078, 40.2885** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7983, 37.0986, 52.7481**, and the grayscale version is **44.7482, 47.0785, 51.2685**.

A 20% lighter version of the original color is **79.2085, 87.4405, 76.9930**, and **20.1231, 22.9227, 17.5513** is the 20% darker color. If you saturate the color by 10%, you get **40.4026, 46.9684, 32.2142**, and if you desaturate by 10%, it is **46.1989, 49.5760, 49.6771**.

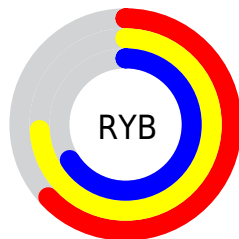
Distribution



Red (71%)

Green (74%)

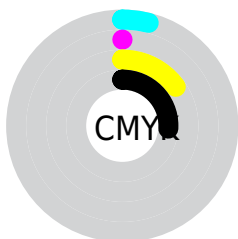
Blue (63%)



Red (63%)

Yellow (74%)

Blue (66%)

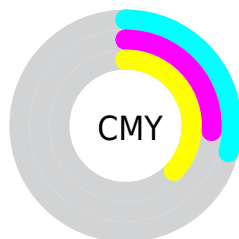


Cyan (4%)

Magenta (0%)

Yellow (15%)

Black (26%)



Cyan (29%)


Magenta (26%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1508, 48.2078, 40.2885 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 43.1508, 48.2078, 40.2885 by changing the saturation by 10% instead.


 43.1508, 48.2078,
40.2885


 43.1508, 48.2078,
40.2885


350.1426,
379.6152, 362.9262

 30.1985, 33.9915,
27.4481


 79.1927, 87.5137,
76.8445

 20.1381, 22.8871,
17.6746


 103.0129,
113.3721, 101.3972

 12.6043, 14.5101,
10.5496


131.1866,
143.8800, 130.6910

 7.2318, 8.4763,
5.6545

164.0789,
179.4217, 165.1445

 3.6551, 4.4012,
2.5708

202.0553,
220.3817, 205.1762

 1.5089, 1.9004,
0.8773

245.4812,

 0.3319, 0.5486,

267.1443, 251.2047

0.0000

294.7218,
320.0940, 303.6486

■ 0.0000, 0.0000,
0.0000

■ 43.1508, 48.2078,
40.2885

■ 43.1508, 48.2078,
40.2885

■ 40.4026, 46.9684,
32.2142

■ 46.1989, 49.5760,
49.6771

■ 37.9387, 45.8466,
25.3925

■ 49.5539, 51.0710,
60.4319

■ 35.7478, 44.8396,
19.7613


■ 53.2275, 52.6991,
72.6058


■ 33.8165, 43.9417,
15.2520


■ 57.2296, 54.4645,
86.2478


■ 32.1297, 43.1470,
11.7890


■ 61.5695, 56.3708,
101.4048


 30.6707, 42.4488,
9.2873


 63.2553, 57.2214,
102.3187


 29.4204, 41.8392,
7.6489

 64.8326, 58.0345,
102.3925

 28.3555, 41.3089,
6.7545

 66.4621, 58.8745,
102.4687

 27.8588, 41.0589,
6.4569

 68.1440, 59.7416,
102.5474

Harmonies

Analogous

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



45.7826, 48.2078, 38.5387



43.1508, 48.2078, 40.2885



41.2989, 48.2078, 45.2399

Triad

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



43.1508, 48.2078, 40.2885



43.2132, 48.2078, 67.0619



51.4143, 48.2078, 52.3829

Complementary

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



43.1508, 48.2078, 40.2885



37.7983, 37.0986, 52.7481

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.



50.6598, 48.2078, 60.4762



43.1508, 48.2078, 40.2885



45.8575, 48.2078, 69.4576

Square

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



43.1508, 48.2078, 40.2885



41.3338, 48.2078, 60.6807



48.5972, 48.2078, 66.9356



50.6197, 48.2078, 45.0719

Rectangle

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



43.1508, 48.2078, 40.2885



40.7166, 48.2078, 49.9615



48.5972, 48.2078, 66.9356



51.3330, 48.2078, 55.1026

Sweetspot

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



43.1521, 48.2099, 40.2895



84.2069, 90.0600, 91.5485



41.0762, 41.2116, 39.0481



18.0138, 19.3247, 19.3891



90.7827, 95.5105, 104.0109



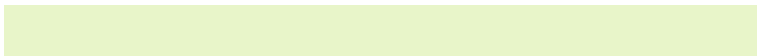
18.6292, 19.5994, 21.3438

Same Dimension

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



43.1521, 48.2099, 40.2895



76.4491, 86.5788, 67.7777



40.0698, 46.6209, 40.1453



10.0493, 10.9798, 10.1663



19.0427, 27.9928, 4.3995



0.8073, 1.1281, 0.1752

Inverse Universe

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



37.7983, 37.0986, 52.7481



64.8125, 62.4262, 94.8597



40.9253, 38.7107, 52.8944



9.2658, 9.3539, 11.9893



7.2706, 3.0342, 32.5954



0.3516, 0.1533, 1.2799

Previews

White Background



This preview shows how the XYZ color 43.1508, 48.2078, 40.2885 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 43.1508, 48.2078, 40.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

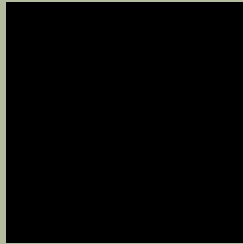
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1508, 48.2078, 40.2885

Background



This preview shows how black text looks on a background with the XYZ color 43.1508, 48.2078, 40.2885.



This preview shows how white text looks on a background with the XYZ color 43.1508, 48.2078,

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

43.1508, 48.2078, 40.2885

Protanopia

45.5602, 48.2189, 39.2537

Deuteranopia

49.0203, 48.1511, 40.8929



Tritanopia

47.0191, 48.2125, 59.6511

Trichromacy



Original Color

43.1508, 48.2078, 40.2885

Protanomaly

44.5932, 48.0199, 39.7193

Deuteranomaly

46.7142, 48.1712, 40.5541

Tritanomaly

45.5291, 48.2259, 52.2563

Monochromacy



Original Color

43.1508, 48.2078, 40.2885

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.8365, 47.1607, 46.8369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1508, 48.2078, 40.2885 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(180, 188, 160)` looks like.

```
.text, #text, p{  
    color:rgb(180, 188, 160)  
}
```

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(180, 188, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 188, 160) }
```

Border

The CSS property to change the border of an element to XYZ 43.1508, 48.2078, 40.2885 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(180, 188, 160) }
```


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

```
.border{ border-color:rgb(180, 188, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 188, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 188, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 188, 160);  
box-shadow:4px 4px 4px 4px rgb(180, 188,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1508, 48.2078, 40.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 188, 160) }
```

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

```
.background{ background-color: rgb(180,  
188, 160) }
```

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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