

Converting Colors

XYZ(43.3239, 44.5813, 49.6550)

Have a look what the booklet for
XYZ(43.3239, 44.5813, 49.6550)
contains.

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Color

**XYZ(43.4888, 44.8068,
49.5365)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B1B4
RGB	183, 177, 180
RGB Percent	72%, 69%, 71%
CMY	0.2823, 0.3059, 0.2941
CMYK	0.00, 0.03, 0.02, 0.28
HSL	330°, 4%, 71%
HSV	330°, 3%, 72%
XYZ	43.4888, 44.8068, 49.5365
YIQ	179.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

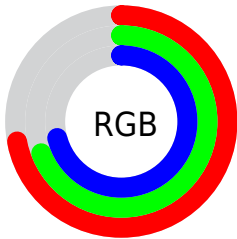
Format	Color
RYB	183, 177, 180
Decimal	12038580
CIELab	72.76, 2.68, -0.78
CIELCh	73, 2.791, 343.779
Yxy	44.8068, 0.3155, 0.3251
Android (android.graphics.Color)	4290228660 (0xFFB7B1B4)
YUV	179.1360, 0.4260, 3.3887
Hunter-Lab	66.9379, -1.1718, 2.9797

Details

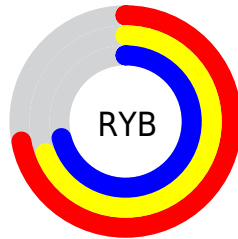
The XYZ color **43.4888, 44.8068, 49.5365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.3048, 46.5106, 49.8773**, and the grayscale version is **42.9181, 45.1532, 49.1718**.

A 20% lighter version of the original color is **79.8758, 82.6847, 91.1067**, and **20.2443, 20.6934, 23.0059** is the 20% darker color. If you saturate the color by 10%, you get **39.2121, 37.6965, 43.6609**, and if you desaturate by 10%, it is **48.3144, 52.9151, 55.9001**.

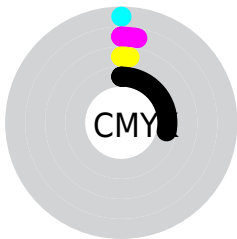
Distribution



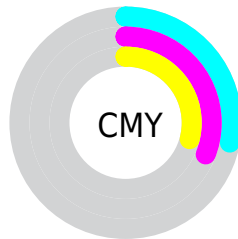
- Red (72%)
- Green (69%)
- Blue (71%)



- Red (72%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (28%)



- Cyan (28%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4888, 44.8068, 49.5365 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 43.4888, 44.8068, 49.5365 by changing the saturation by 10% instead.

■ 43.4888, 44.8068,
49.5365

■ 43.4888, 44.8068,
49.5365

351.5057,
365.9905, 401.5336

■ 30.4650, 31.3053,
34.6767

■ 79.6991, 82.4304,
90.8770

■ 20.3416, 20.8314,
23.1323

103.6163,
107.3213, 118.1947

■ 12.7533, 13.0008,
14.4850

131.8953,
136.7774, 150.5021

■ 7.3347, 7.4291,
8.3162

164.9016,
171.1832, 188.2178

■ 3.7205, 3.7319,
4.2073

203.0004,
210.9230, 231.7602

■ 1.5453, 1.5247,
1.7397

246.5571,

■ 0.3563, 0.3060,

256.3812, 281.5480

0.3877

295.9371,
307.9423, 337.9996

■ 0.0000, 0.0000,
0.0000

■ 43.4888, 44.8068,
49.5365

■ 43.4888, 44.8068,
49.5365

■ 39.2121, 37.6965,
43.6609

■ 48.3144, 52.9151,
55.9001

■ 35.4602, 31.5396,
38.2578

■ 53.7042, 62.0522,
62.7608

■ 32.2127, 26.2967,
33.3150

■ 59.6780, 72.2548,
70.1313

■ 29.4463, 21.9234,
28.8185

■ 66.2530, 83.5560,
78.0227

■ 27.1360, 18.3716,
24.7536

■ 68.9853, 87.0660,
84.9588

■ 25.2544, 15.5885,
21.1045

■ 70.2739, 87.5815,
91.7446

■ 23.7707, 13.5151,
17.8541

■ 71.6306, 88.1242,
98.8889

■ 22.6499, 12.0834,
14.9835

■ 73.0564, 88.6945,
106.3970

■ 21.8501, 11.2123,
12.4714

■ 73.3387, 88.8074,
107.8839

Harmonies

Analogous

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



43.2357, 44.8068, 50.7399



43.4888, 44.8068, 49.5365



43.4992, 44.8068, 48.1539

Triad

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



43.4888, 44.8068, 49.5365



42.3659, 44.8068, 46.2400



41.9181, 44.8068, 50.6573

Complementary

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



43.4888, 44.8068, 49.5365



43.3048, 46.5106, 49.8773

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.



41.6886, 44.8068, 49.4256



43.4888, 44.8068, 49.5365



41.9459, 44.8068, 46.8849

Square

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



43.4888, 44.8068, 49.5365



42.8484, 44.8068, 46.2684



41.6988, 44.8068, 48.0451



42.3277, 44.8068, 51.3953

Rectangle

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



43.4888, 44.8068, 49.5365



43.3670, 44.8068, 47.3178



41.6988, 44.8068, 48.0451



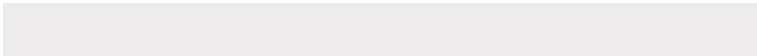
41.8175, 44.8068, 50.2863

Sweetspot

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



43.4901, 44.8087, 49.5375



79.7552, 83.3743, 91.2185



43.0934, 44.5685, 51.1318



17.6252, 18.4311, 20.1603



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



43.4901, 44.8087, 49.5375



77.2493, 79.1817, 87.8577



43.1880, 44.6879, 47.9466



9.6433, 9.8452, 10.9546



14.9891, 7.5694, 7.8293



0.5596, 0.2793, 0.4405

Inverse Universe

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



43.4901, 44.8087, 49.5375



77.2493, 79.1817, 87.8577



43.6136, 46.6341, 51.5030



9.6433, 9.8452, 10.9546



14.9891, 7.5694, 7.8293



0.5596, 0.2793, 0.4405

Previews

White Background



This preview shows how the XYZ color 43.4888, 44.8068, 49.5365 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 43.4888, 44.8068, 49.5365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

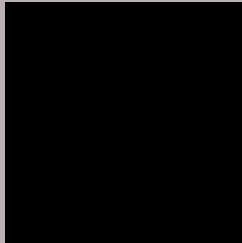
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

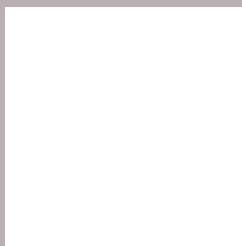
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4888, 44.8068, 49.5365

Background



This preview shows how black text looks on a background with the XYZ color 43.4888, 44.8068, 49.5365.

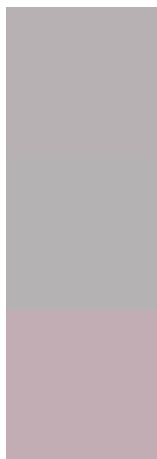


This preview shows how white text looks on a background with the XYZ color 43.4888, 44.8068,

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

43.4888, 44.8068, 49.5365

Protanopia

43.2147, 44.9598, 49.5805

Deuteranopia

45.7897, 44.8254, 49.9549



Tritanopia

44.4778, 44.9151, 54.4694

Trichromacy



Original Color

43.4888, 44.8068, 49.5365

Protanomaly

43.4500, 45.0812, 49.5915

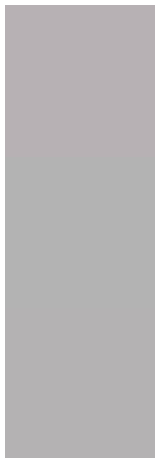
Deuteranomaly

44.9624, 44.6847, 49.9713

Tritanomaly

44.1554, 44.7862, 52.7717

Monochromacy



Original Color

43.4888, 44.8068, 49.5365

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8795, 44.7988, 49.0349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4888, 44.8068, 49.5365 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(183, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(183, 177, 180)  
}
```

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(183, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 177, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.4888, 44.8068, 49.5365 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(183, 177, 180) }
```


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

```
.border{ border-color:rgb(183, 177, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(183, 177,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4888, 44.8068, 49.5365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 177, 180) }
```

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

```
.background{ background-color: rgb(183,  
177, 180) }
```

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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