

Converting Colors

XYZ(46.5976, 43.3656, 49.7474)

Have a look what the booklet for
XYZ(46.5976, 43.3656, 49.7474)
contains.

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Color

**XYZ(46.6053, 43.3051,
49.6184)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA6B5
RGB	203, 166, 181
RGB Percent	80%, 65%, 71%
CMY	0.2039, 0.3490, 0.2902
CMYK	0.00, 0.18, 0.11, 0.20
HSL	336°, 26%, 72%
HSV	336°, 18%, 80%
XYZ	46.6053, 43.3051, 49.6184
YIQ	178.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

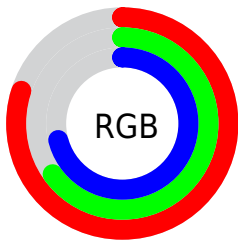
Format	Color
R _Y B	203, 166, 181
Decimal	13346485
CIE Lab	71.76, 16.00, -2.59
CIE LCh	72, 16.204, 350.789
Yxy	43.3051, 0.3340, 0.3104
Android (android.graphics.Color)	4291536565 (0xFFCBA6B5)
YUV	178.7730, 1.0979, 21.2471
Hunter-Lab	65.8066, 11.2550, 1.3598

Details

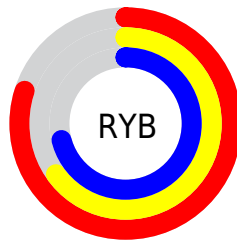
The XYZ color **46.6053, 43.3051, 49.6184** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.1606, 54.4509, 55.6567**, and the grayscale version is **42.7158, 44.9404, 48.9401**.

A 20% lighter version of the original color is **82.3825, 79.0873, 91.0441**, and **22.3080, 19.9827, 23.1034** is the 20% darker color. If you saturate the color by 10%, you get **42.0171, 36.0254, 42.2405**, and if you desaturate by 10%, it is **51.8858, 51.7965, 57.7576**.

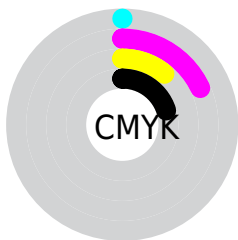
Distribution



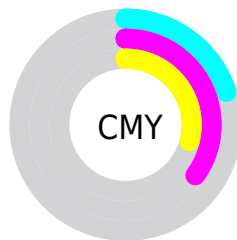
- Red (80%)
- Green (65%)
- Blue (71%)



- Red (80%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (20%)





- Cyan (20%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.6053, 43.3051, 49.6184 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 46.6053, 43.3051, 49.6184 by changing the saturation by 10% instead.


 46.6053, 43.3051,
49.6184


 46.6053, 43.3051,
49.6184


363.9121,
359.8650, 401.8640

 32.9304, 30.1246,
34.7412


 84.3465, 80.1711,
90.9997

 22.2321, 19.9332,
23.1817


 109.1435,
104.6253, 118.3409

 14.1451, 12.3465,
14.5211


138.3785,
133.6062, 150.6739

 8.3040, 6.9801,
8.3411

172.4170,
167.4982, 188.4171

 4.3435, 3.4497,
4.2231

211.6242,
206.6857, 231.9892

 1.8983, 1.3707,
1.7485

256.3656,

 0.5758, 0.1950,

251.5531, 281.8087

0.3937

307.0064,
302.4847, 338.2941

■ 0.0000, 0.0000,
0.0000

■ 46.6053, 43.3051,
49.6184

■ 46.6053, 43.3051,
49.6184

■ 42.0171, 36.0254,
42.2405

■ 51.8858, 51.7965,
57.7576

■ 38.0875, 29.8960,
35.5979

■ 57.8829, 61.5458,
66.6776

■ 34.7855, 24.8588,
29.6667

■ 64.6244, 72.6038,
76.4006

■ 32.0760, 20.8485,
24.4209

■ 72.1353, 85.0169,
86.9470

■ 29.9202, 17.7923,
19.8321

■ 76.3197, 90.5890,
96.9630

■ 28.2745, 15.6082,
15.8700

■ 78.1871, 91.3359,
106.7967

■ 27.0880, 14.1997,
12.5007

■ 78.4389, 91.4366,
108.1226

■ 26.2851, 13.4217,
9.6812

■ 26.1628, 13.3102,
9.2301

Harmonies

Analogous

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



45.3961, 43.3051, 57.3913



46.6053, 43.3051, 49.6184



46.3059, 43.3051, 41.9769

Triad

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



46.6053, 43.3051, 49.6184



39.3112, 43.3051, 34.3603



37.9061, 43.3051, 59.8902

Complementary

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



46.6053, 43.3051, 49.6184



46.1606, 54.4509, 55.6567

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.



36.4106, 43.3051, 52.7356



46.6053, 43.3051, 49.6184



37.1963, 43.3051, 38.2091

Square

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



46.6053, 43.3051, 49.6184



42.0127, 43.3051, 33.7237



36.1566, 43.3051, 44.7685



40.3194, 43.3051, 63.7415

Rectangle

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



46.6053, 43.3051, 49.6184



45.2962, 43.3051, 37.9319



36.1566, 43.3051, 44.7685



37.2840, 43.3051, 57.7566

Sweetspot

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



46.6065, 43.3070, 49.6193



89.9197, 91.6544, 101.2862



45.0538, 42.2248, 62.2761



19.0976, 19.3762, 21.4562



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.



46.6065, 43.3070, 49.6193



74.7770, 67.3155, 77.9066



45.7165, 43.8586, 42.1347



11.3976, 11.2878, 12.6286



16.6923, 8.4875, 6.0981



0.8984, 0.4528, 0.5111

Inverse Universe

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



46.6065, 43.3070, 49.6193



74.7770, 67.3155, 77.9066



47.1417, 53.6899, 64.3791



11.3976, 11.2878, 12.6286



16.6923, 8.4875, 6.0981



0.8984, 0.4528, 0.5111

Previews

White Background



This preview shows how the XYZ color 46.6053, 43.3051, 49.6184 looks on a white background.

Color Contrast Check

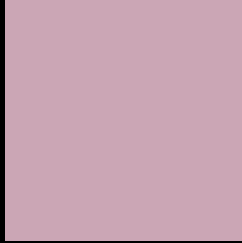
Large Text (above 18pt) WCAG AA × Fail

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 46.6053, 43.3051, 49.6184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

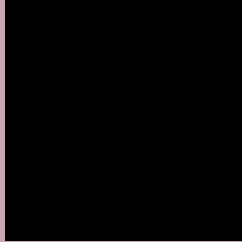
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.6053, 43.3051, 49.6184

Background



This preview shows how black text looks on a background with the XYZ color 46.6053, 43.3051, 49.6184.



This preview shows how white text looks on a background with the XYZ color 46.6053, 43.3051,

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

46.6053, 43.3051, 49.6184

Protanopia

42.0974, 43.4352, 52.6194

Deuteranopia

44.2870, 43.4975, 49.2417



Tritanopia

46.4015, 43.2236, 48.5452

Trichromacy



Original Color

46.6053, 43.3051, 49.6184

Protanomaly

43.6540, 43.4048, 51.4246

Deuteranomaly

44.9319, 43.2733, 49.1644

Tritanomaly

46.5030, 43.2642, 49.0799

Monochromacy



Original Color

46.6053, 43.3051, 49.6184

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.1133, 44.2588, 49.3978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6053, 43.3051, 49.6184 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(203, 166, 181)` looks like.

```
.text, #text, p{  
    color:rgb(203, 166, 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(203, 166, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 166, 181) }
```

Border

The CSS property to change the border of an element to XYZ 46.6053, 43.3051, 49.6184 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(203, 166, 181) }
```


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

```
.border{ border-color:rgb(203, 166, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 166, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 166, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 166, 181);  
box-shadow:4px 4px 4px 4px rgb(203, 166,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6053, 43.3051, 49.6184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 166, 181) }
```

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

```
.background{ background-color: rgb(203,  
166, 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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