

Converting Colors

XYZ(46.6061, 44.8010, 38.9465)

Have a look what the booklet for
XYZ(46.6061, 44.8010, 38.9465)
contains.

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Color

**XYZ(46.8333, 45.0389,
39.0259)**

Conversions

Conversions Part 1

Format	Color
Hex	D0AB9F
RGB	208, 171, 159
RGB Percent	82%, 67%, 62%
CMY	0.1843, 0.3294, 0.3765
CMYK	0.00, 0.18, 0.24, 0.18
HSL	15°, 34%, 72%
HSV	15°, 24%, 82%
XYZ	46.8333, 45.0389, 39.0259
YIQ	180.6950, 25.9040, 4.1120

Conversions

Conversions Part 2

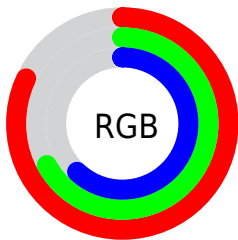
Format	Color
R _Y B	208, 175, 159
Decimal	13675423
CIE Lab	72.92, 11.65, 11.24
CIE LCh	73, 16.191, 43.959
Yxy	45.0389, 0.3578, 0.3441
Android (android.graphics.Color)	4291865503 (0xFFD0AB9F)
YUV	180.6950, -10.6956, 23.9465
Hunter-Lab	67.1110, 7.1216, 12.4998

Details

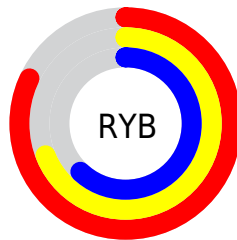
The XYZ color **46.8333, 45.0389, 39.0259** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.4227, 51.4034, 67.2025**, and the grayscale version is **43.8034, 46.0846, 50.1861**.

A 20% lighter version of the original color is **80.5740, 80.5078, 74.9112**, and **22.4405, 21.0487, 17.0674** is the 20% darker color. If you saturate the color by 10%, you get **42.3860, 38.7937, 29.3752**, and if you desaturate by 10%, it is **51.9393, 52.1147, 50.3956**.

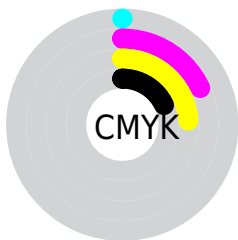
Distribution



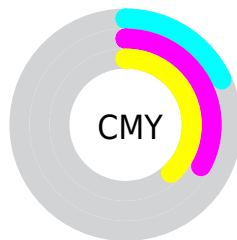
- Red (82%)
- Green (67%)
- Blue (62%)



- Red (82%)
- Yellow (69%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (18%)





- Cyan (18%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8333, 45.0389, 39.0259 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 46.8333, 45.0389, 39.0259 by changing the saturation by 10% instead.


 46.8333, 45.0389,
39.0259

 46.8333, 45.0389,
39.0259


364.8088,
366.9311, 357.4298

 33.1113, 31.4881,
26.4719


 84.6850, 82.7788,
74.8987

 22.3714, 20.9708,
16.9481


 109.5454,
107.7366, 99.0545

 14.2481, 13.1026,
10.0359


138.8493,
137.2656, 127.9147

 8.3763, 7.4993,
5.3169

172.9620,
171.7501, 161.8978

 4.3905, 3.7763,
2.3724

212.2490,
211.5745, 201.4223

 1.9253, 1.5492,
0.7713

257.0756,

 0.5915, 0.3230,

257.1232, 246.9068

0.0000

307.8070,
308.7806, 298.7698

0.0000, 0.0000,
0.0000

46.8333, 45.0389,
39.0259

46.8333, 45.0389,
39.0259

42.3860, 38.7937,
29.3752

51.9393, 52.1147,
50.3956

38.5662, 33.3422,
21.3566

57.7261, 60.0438,
63.5599

35.3457, 28.6538,
14.8798

64.2193, 68.8560,
78.5932

32.6925, 24.6937,
9.8446

71.4422, 78.5776,
95.5647

30.5713, 21.4241,
6.1386

78.1014, 88.7077,
107.6137

■ 28.9426, 18.8034,
3.6326

■ 79.8225, 92.1499,
108.1874

■ 27.7605, 16.7855,
2.1713

■ 27.1944, 15.7738,
1.6113

Harmonies

Analogous

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



48.2919, 45.0389, 45.3863



46.8333, 45.0389, 39.0259



44.3248, 45.0389, 35.5717

Triad

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



46.8333, 45.0389, 39.0259



37.8030, 45.0389, 44.8705



44.1302, 45.0389, 65.7163

Complementary

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



46.8333, 45.0389, 39.0259



45.4227, 51.4034, 67.2025

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.



41.3265, 45.0389, 65.5389



46.8333, 45.0389, 39.0259



37.7561, 45.0389, 52.8841

Square

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



46.8333, 45.0389, 39.0259



39.1516, 45.0389, 38.6841



39.0205, 45.0389, 60.6348



46.6855, 45.0389, 61.0958

Rectangle

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



46.8333, 45.0389, 39.0259



42.4346, 45.0389, 35.1152



39.0205, 45.0389, 60.6348



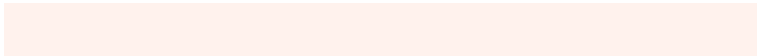
43.1838, 45.0389, 66.2303

Sweetspot

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



46.8345, 45.0410, 39.0268



88.1583, 90.6038, 93.0776



48.4394, 42.2181, 58.1595



18.7479, 19.2265, 19.6452



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.



46.8345, 45.0410, 39.0268



70.7579, 66.5200, 54.2382



51.7709, 54.9138, 40.6723



12.0406, 12.2719, 12.3462



17.0133, 9.9597, 1.0257



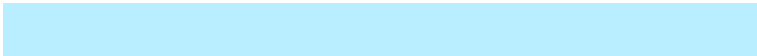
1.0150, 0.6843, 0.0786

Inverse Universe

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



45.4227, 51.4034, 67.2025



68.1530, 78.2242, 106.1145



40.4490, 41.4560, 65.5446



11.9028, 12.8959, 15.1055



14.6942, 18.0351, 39.8991



0.8817, 1.1285, 2.2509

Previews

White Background



This preview shows how the XYZ color 46.8333, 45.0389, 39.0259 looks on a white background.

Color Contrast Check

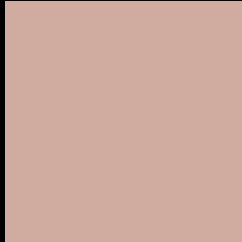
Large Text (above 18pt) WCAG AA × Fail

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 46.8333, 45.0389, 39.0259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

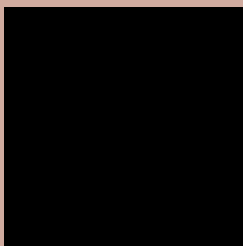
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.8333, 45.0389, 39.0259

Background



This preview shows how black text looks on a background with the XYZ color 46.8333, 45.0389, 39.0259.



This preview shows how white text looks on a background with the XYZ color 46.8333, 45.0389,

39.0259.

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

46.8333, 45.0389, 39.0259

Protanopia

42.9807, 45.3236, 41.1333

Deuteranopia

46.1034, 45.2277, 39.1008



Tritanopia

49.2071, 45.1903, 49.8452

Trichromacy



Original Color

46.8333, 45.0389, 39.0259

Protanomaly

44.2951, 45.1286, 40.5585

Deuteranomaly

46.1874, 44.9874, 39.0500

Tritanomaly

48.3091, 45.0947, 45.6931

Monochromacy



Original Color

46.8333, 45.0389, 39.0259

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.7508, 45.5378, 45.9662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8333, 45.0389, 39.0259 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(208, 171, 159)` looks like.

```
.text, #text, p{  
    color:rgb(208, 171, 159)  
}
```

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(208, 171, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 171, 159) }
```

Border

The CSS property to change the border of an element to XYZ 46.8333, 45.0389, 39.0259 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(208, 171, 159) }
```


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

```
.border{ border-color:rgb(208, 171, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 171, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 171, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 171, 159); box-shadow:4px 4px 4px 4px rgb(208, 171, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8333, 45.0389, 39.0259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 171, 159) }
```

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

```
.background{ background-color: rgb(208,  
171, 159) }
```

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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