

Converting Colors

XYZ(44.0999, 39.7631, 46.2976)

Have a look what the booklet for
XYZ(44.0999, 39.7631, 46.2976)
contains.

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Color

**XYZ(43.9808, 39.6660,
46.4126)**

Conversions

Conversions Part 1

Format	Color
Hex	C99DB0
RGB	201, 157, 176
RGB Percent	79%, 62%, 69%
CMY	0.2118, 0.3843, 0.3098
CMYK	0.00, 0.22, 0.12, 0.21
HSL	334°, 29%, 70%
HSV	334°, 22%, 79%
XYZ	43.9808, 39.6660, 46.4126
YIQ	172.3220, 20.1250, 15.2370

Conversions

Conversions Part 2

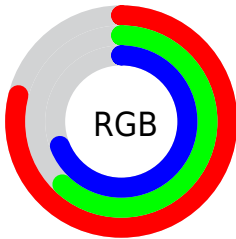
Format	Color
R _Y B	201, 157, 176
Decimal	13213104
CIE Lab	69.23, 19.36, -3.57
CIE LCh	69, 19.684, 349.557
Yxy	39.6660, 0.3382, 0.3050
Android (android.graphics.Color)	4291403184 (0xFFC99DB0)
YUV	172.3220, 1.8133, 25.1506
Hunter-Lab	62.9809, 14.4333, 0.3940

Details

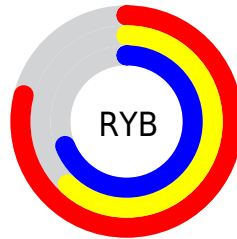
The XYZ color **43.9808, 39.6660, 46.4126** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2363, 52.3198, 52.0782**, and the grayscale version is **39.3606, 41.4104, 45.0960**.

A 20% lighter version of the original color is **79.3490, 74.1732, 86.4786**, and **20.5437, 17.6694, 21.3965** is the 20% darker color. If you saturate the color by 10%, you get **39.7730, 32.9832, 39.6672**, and if you desaturate by 10%, it is **48.8454, 47.5093, 53.8470**.

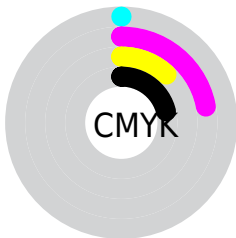
Distribution



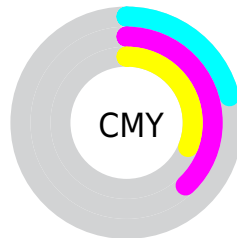
- Red (79%)
- Green (62%)
- Blue (69%)



- Red (79%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (12%)
- Black (21%)





- Cyan (21%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9808, 39.6660, 46.4126 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 43.9808, 39.6660, 46.4126 by changing the saturation by 10% instead.


 43.9808, 39.6660,
46.4126


 43.9808, 39.6660,
46.4126

353.4835,
344.7138, 388.7906

 30.8533, 27.2782,
32.2205


 80.4354, 74.6546,
86.1769

 20.6384, 17.7823,
21.2638


 104.4931, 98.0243,
112.5863

 12.9709, 10.7938,
13.1238


132.9250,
125.8234, 143.9051

 7.4854, 5.9284,
7.3821

166.0963,
158.4363, 180.5520

 3.8165, 2.8016,
3.6202

204.3725,
196.2473, 222.9454

 1.5988, 1.0290,
1.4194

248.1188,

 0.3917, 0.0000,

239.6410, 271.5040

0.1568

297.7007,
289.0017, 326.6462

■ 0.0000, 0.0000,
0.0000

■ 43.9808, 39.6660,
46.4126

■ 43.9808, 39.6660,
46.4126

■ 39.7730, 32.9832,
39.6672

■ 48.8454, 47.5093,
53.8470

■ 36.1890, 27.3998,
33.5870

■ 54.3911, 56.5595,
61.9882

■ 33.1978, 22.8576,
28.1501

■ 60.6450, 66.8670,
70.8564

■ 30.7644, 19.2904,
23.3323

■ 67.6320, 78.4779,
80.4703

■ 28.8498, 16.6245,
19.1078

■ 74.5710, 89.8270,
90.5796

■ 27.4096, 14.7755,
15.4481

■ 76.2572, 90.5015,
99.4592

■ 26.3911, 13.6427,
12.3212

■ 77.8976, 91.1576,
108.0973

■ 25.7992, 13.1022,
10.1405

Harmonies

Analogous

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



42.5041, 39.6660, 55.4551



43.9808, 39.6660, 46.4126



43.7052, 39.6660, 37.6364

Triad

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



43.9808, 39.6660, 46.4126



35.7089, 39.6660, 28.8121



33.9051, 39.6660, 57.7908

Complementary

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



43.9808, 39.6660, 46.4126



43.2363, 52.3198, 52.0782

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.



32.2742, 39.6660, 49.2637



43.9808, 39.6660, 46.4126



33.2747, 39.6660, 32.8806

Square

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



43.9808, 39.6660, 46.4126



38.8106, 39.6660, 28.2706



32.0500, 39.6660, 40.1192



36.6135, 39.6660, 62.6055

Rectangle

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



43.9808, 39.6660, 46.4126



42.5695, 39.6660, 33.0525



32.0500, 39.6660, 40.1192



33.2193, 39.6660, 55.2124

Sweetspot

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



43.9819, 39.6678, 46.4134



88.0273, 88.4991, 98.7145



41.8767, 38.2699, 60.4384



18.7179, 18.7409, 20.9472



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.



43.9819, 39.6678, 46.4134



71.9401, 62.5530, 74.1510



42.7338, 39.9721, 37.3635



10.8208, 10.7117, 12.0397



16.2655, 8.2558, 6.6080



0.8063, 0.4054, 0.5033

Inverse Universe

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



43.9819, 39.6678, 46.4134



71.9401, 62.5530, 74.1510



44.6578, 51.8047, 62.9044



10.8208, 10.7117, 12.0397



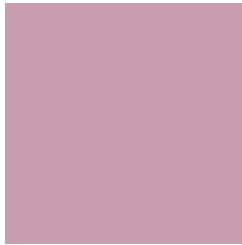
16.2655, 8.2558, 6.6080



0.8063, 0.4054, 0.5033

Previews

White Background



This preview shows how the XYZ color 43.9808, 39.6660, 46.4126 looks on a white background.

Color Contrast Check

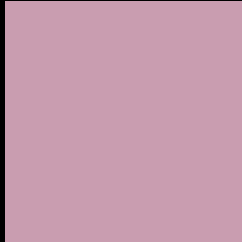
Large Text (above 18pt) WCAG AA × Fail

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 43.9808, 39.6660, 46.4126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

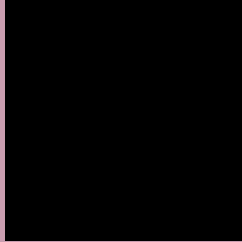
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9808, 39.6660, 46.4126

Background



This preview shows how black text looks on a background with the XYZ color 43.9808, 39.6660, 46.4126.



This preview shows how white text looks on a background with the XYZ color 43.9808, 39.6660,

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

43.9808, 39.6660, 46.4126

Protanopia

38.6983, 39.7490, 50.4324

Deuteranopia

40.5418, 39.7133, 46.0861



Tritanopia

43.3020, 39.6354, 43.3983

Trichromacy



Original Color

43.9808, 39.6660, 46.4126

Protanomaly

40.3361, 39.5495, 48.6879

Deuteranomaly

41.7179, 39.5320, 45.9891

Tritanomaly

43.4927, 39.7116, 44.4025

Monochromacy



Original Color

43.9808, 39.6660, 46.4126

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.8900, 40.7218, 45.2401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9808, 39.6660, 46.4126 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(201, 157, 176)` looks like.

```
.text, #text, p{  
    color:rgb(201, 157, 176)  
}
```

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(201, 157, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 157, 176) }
```

Border

The CSS property to change the border of an element to XYZ 43.9808, 39.6660, 46.4126 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(201, 157, 176) }
```


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

```
.border{ border-color:rgb(201, 157, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 157, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 157, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 157, 176);  
box-shadow:4px 4px 4px 4px rgb(201, 157,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9808, 39.6660, 46.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 157, 176) }
```

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

```
.background{ background-color: rgb(201,  
157, 176) }
```

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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