

Converting Colors

XYZ(43.4051, 41.6347, 46.7887)

Have a look what the booklet for
XYZ(43.4051, 41.6347, 46.7887)
contains.

XYZ(43.4650, 41.7445, 46.8409)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.4650, 41.7445,
46.8409)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A6B0
RGB	193, 166, 176
RGB Percent	76%, 65%, 69%
CMY	0.2431, 0.3490, 0.3098
CMYK	0.00, 0.14, 0.09, 0.24
HSL	338°, 18%, 70%
HSV	338°, 14%, 76%
XYZ	43.4650, 41.7445, 46.8409
YIQ	175.2130, 12.8820, 8.8340

Conversions

Conversions Part 2

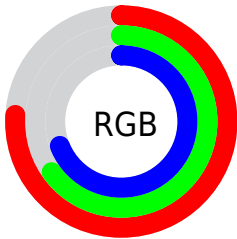
Format	Color
RYB	193, 166, 176
Decimal	12691120
CIELab	70.69, 11.53, -1.51
CIELCh	71, 11.631, 352.558
Yxy	41.7445, 0.3292, 0.3161
Android (android.graphics.Color)	4290881200 (0xFFC1A6B0)
YUV	175.2130, 0.3880, 15.5992
Hunter-Lab	64.6100, 7.0146, 2.2430

Details

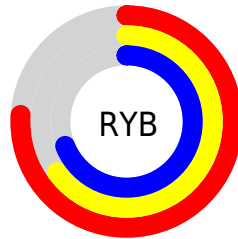
The XYZ color **43.4650, 41.7445, 46.8409** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.3447, 49.6669, 52.1043**, and the grayscale version is **40.8522, 42.9797, 46.8049**.

A 20% lighter version of the original color is **79.8463, 77.8631, 87.1647**, and **20.3029, 18.9788, 21.6620** is the 20% darker color. If you saturate the color by 10%, you get **39.0675, 34.7881, 39.7055**, and if you desaturate by 10%, it is **48.4991, 49.8007, 54.7207**.

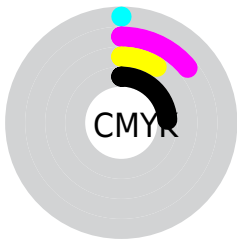
Distribution



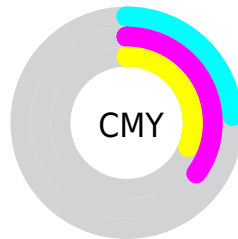
- Red (76%)
- Green (65%)
- Blue (69%)



- Red (76%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (24%)





- Cyan (24%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4650, 41.7445, 46.8409 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 43.4650, 41.7445, 46.8409 by changing the saturation by 10% instead.

 43.4650, 41.7445,
46.8409


 43.4650, 41.7445,
46.8409


351.4098,
353.4227, 390.5545

 30.4462, 28.9013,
32.5565


 79.6634, 77.8128,
86.8236

 20.3273, 19.0062,
21.5185


 103.5738,
101.8067, 113.3589

 12.7428, 11.6747,
13.3086


131.8455,
130.2862, 144.8149

 7.3275, 6.5226,
7.5082

164.8437,
163.6358, 181.6102

 3.7159, 3.1654,
3.6987

202.9339,
202.2398, 224.1632

 1.5427, 1.2187,
1.4615

246.4814,

 0.3546, 0.0769,

246.4827, 272.8926

0.1890

295.8516,
296.7489, 328.2168

■ 0.0000, 0.0000,
0.0000

■ 43.4650, 41.7445,
46.8409

■ 43.4650, 41.7445,
46.8409

■ 39.0675, 34.7881,
39.7055

■ 48.4991, 49.8007,
54.7207

■ 35.2767, 28.8780,
33.2893

■ 54.1908, 58.9960,
63.3637

■ 32.0659, 23.9647,
27.5693

■ 60.5646, 69.3746,
72.7916

■ 29.4047, 19.9922,
22.5203

■ 67.6426, 80.9768,
83.0240

■ 27.2598, 16.8993,
18.1154

■ 73.0048, 88.9585,
93.2665

■ 25.5941, 14.6172,
14.3255

■ 74.8392, 89.6922,
102.9266

■ 24.3652, 13.0666,
11.1189

■ 75.8025, 90.0776,
107.9992

■ 23.5223, 12.1522,
8.4598

■ 23.1449, 11.7985,
7.0974

Harmonies

Analogous

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



42.6916, 41.7445, 52.2132



43.4650, 41.7445, 46.8409



43.1975, 41.7445, 41.5028

Triad

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



43.4650, 41.7445, 46.8409



38.2726, 41.7445, 36.3414



37.4669, 41.7445, 54.4079

Complementary

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



43.4650, 41.7445, 46.8409



43.3447, 49.6669, 52.1043

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.



36.3530, 41.7445, 49.6456



43.4650, 41.7445, 46.8409



36.8075, 41.7445, 39.3024

Square

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



43.4650, 41.7445, 46.8409



40.1587, 41.7445, 35.7227



36.1155, 41.7445, 44.0921



39.1989, 41.7445, 56.8061

Rectangle

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



43.4650, 41.7445, 46.8409



42.4689, 41.7445, 38.6477



36.1155, 41.7445, 44.0921



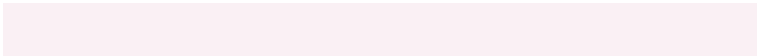
37.0101, 41.7445, 53.0129

Sweetspot

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



43.4662, 41.7463, 46.8418



86.7896, 89.0769, 97.8934



42.7086, 41.1491, 56.1442



18.4638, 18.8600, 20.7615



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



43.4662, 41.7463, 46.8418



75.1418, 70.4692, 79.5582



43.0926, 42.5243, 42.0154



10.2240, 10.1382, 11.2699



15.4296, 7.8616, 4.9084



0.7001, 0.3530, 0.3880

Inverse Universe

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



43.4662, 41.7463, 46.8418



75.1418, 70.4692, 79.5582



43.7339, 48.7203, 57.5515



10.2240, 10.1382, 11.2699



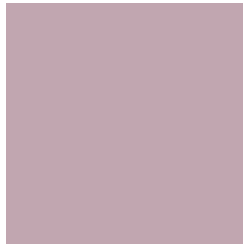
15.4296, 7.8616, 4.9084



0.7001, 0.3530, 0.3880

Previews

White Background



This preview shows how the XYZ color 43.4650, 41.7445, 46.8409 looks on a white background.

Color Contrast Check

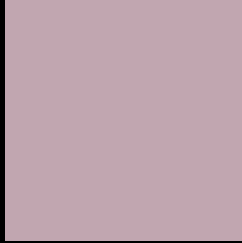
Large Text (above 18pt) WCAG AA × Fail

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 43.4650, 41.7445, 46.8409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

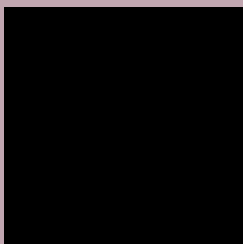
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4650, 41.7445, 46.8409

Background



This preview shows how black text looks on a background with the XYZ color 43.4650, 41.7445, 46.8409.



This preview shows how white text looks on a background with the XYZ color 43.4650, 41.7445,

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

43.4650, 41.7445, 46.8409

Protanopia

40.4463, 41.7990, 49.1163

Deuteranopia

42.8254, 41.9587, 46.9160



Tritanopia

43.7652, 41.8646, 48.4218

Trichromacy



Original Color

43.4650, 41.7445, 46.8409

Protanomaly

41.5675, 41.8279, 48.5306

Deuteranomaly

42.8904, 41.7192, 46.8663

Tritanomaly

43.6644, 41.8242, 47.8910

Monochromacy



Original Color

43.4650, 41.7445, 46.8409

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.7818, 42.5453, 46.5674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4650, 41.7445, 46.8409 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(193, 166, 176)` looks like.

```
.text, #text, p{  
    color:rgb(193, 166, 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(193, 166, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 166, 176) }
```

Border

The CSS property to change the border of an element to XYZ 43.4650, 41.7445, 46.8409 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(193, 166, 176) }
```


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

```
.border{ border-color:rgb(193, 166, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 166, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 166, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 166, 176);  
box-shadow:4px 4px 4px 4px rgb(193, 166,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4650, 41.7445, 46.8409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 166, 176) }
```

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

```
.background{ background-color: rgb(193,  
166, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor