

Converting Colors

XYZ(45.4810, 41.3243, 51.0475)

Have a look what the booklet for
XYZ(45.4810, 41.3243, 51.0475)
contains.

XYZ(45.4840, 41.3679, 50.9349)	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(45.4840, 41.3679,
50.9349)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A1B8
RGB	201, 161, 184
RGB Percent	79%, 63%, 72%
CMY	0.2118, 0.3686, 0.2784
CMYK	0.00, 0.20, 0.08, 0.21
HSL	326°, 27%, 71%
HSV	326°, 20%, 79%
XYZ	45.4840, 41.3679, 50.9349
YIQ	175.5820, 16.4570, 15.6330

Conversions

Conversions Part 2

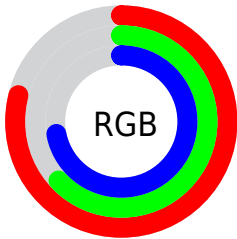
Format	Color
R _Y B	201, 161, 184
Decimal	13214136
CIE Lab	70.43, 18.53, -6.23
CIE LCh	70, 19.555, 341.410
Yxy	41.3679, 0.3301, 0.3002
Android (android.graphics.Color)	4291404216 (0xFFC9A1B8)
YUV	175.5820, 4.1501, 22.2916
Hunter-Lab	64.3179, 13.6744, -1.9307

Details

The XYZ color **45.4840, 41.3679, 50.9349** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.6221, 52.5659, 49.9691**, and the grayscale version is **41.0234, 43.1598, 47.0010**.

A 20% lighter version of the original color is **81.5240, 76.6630, 92.9387**, and **21.5980, 18.7790, 23.9591** is the 20% darker color. If you saturate the color by 10%, you get **41.3814, 34.5524, 45.2817**, and if you desaturate by 10%, it is **50.2077, 49.3380, 57.0629**.

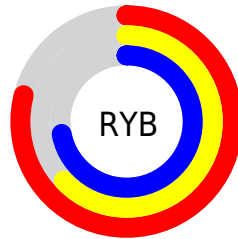
Distribution



Red (79%)

Green (63%)

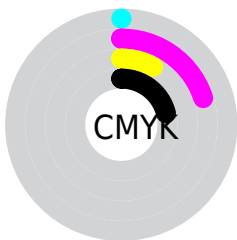
Blue (72%)



Red (79%)

Yellow (63%)

Blue (72%)

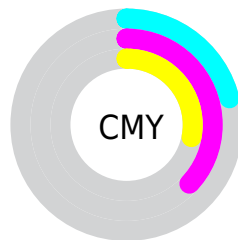


Cyan (0%)

Magenta (20%)

Yellow (8%)

Black (21%)



Cyan (21%)


Magenta (37%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4840, 41.3679, 50.9349 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 45.4840, 41.3679, 50.9349 by changing the saturation by 10% instead.

 45.4840, 41.3679,
50.9349


 45.4840, 41.3679,
50.9349


359.4811,
351.8559, 407.1501

 32.0417, 28.6067,
35.7804


 82.6788, 77.2421,
92.9691

 21.5491, 18.7835,
23.9763


 107.1621,
101.1238, 120.6858

 13.6407, 11.5139,
15.1040

136.0564,
129.4811, 153.4271

 7.9512, 6.4136,
8.7450

169.7271,
162.6985, 191.6114

 4.1153, 3.0982,
4.4807

208.5396,
201.1602, 235.6574

 1.7676, 1.1832,
1.8926

252.8592,

 0.4980, 0.0479,

245.2508, 285.9834

0.4880

303.0512,
295.3546, 343.0082

■ 0.0000, 0.0000,
0.0000

■ 45.4840, 41.3679,
50.9349

■ 45.4840, 41.3679,
50.9349

■ 41.3814, 34.5524,
45.2817

■ 50.2077, 49.3380,
57.0629

■ 37.8684, 28.8318,
40.0869

■ 55.5751, 58.5077,
63.6764

■ 34.9163, 24.1491,
35.3364

■ 61.6117, 68.9265,
70.7889

■ 32.4919, 20.4403,
31.0143

■ 68.3408, 80.6394,
78.4124

■ 30.5590, 17.6340,
27.1034

■ 73.6739, 89.4681,
85.8550

■ 29.0759, 15.6489,
23.5846

■ 74.8809, 89.9509,
92.2108

■ 27.9938, 14.3890,
20.4363

■ 76.1471, 90.4574,
98.8790

■ 27.2222, 13.6750,
17.6225

■ 77.4736, 90.9880,
105.8639

■ 27.2150, 13.6686,
17.5953

■ 77.8977, 91.1577,
108.0973

Harmonies

Analogous

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



43.5580, 41.3679, 59.6927



45.4840, 41.3679, 50.9349



45.7055, 41.3679, 41.6250

Triad

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



45.4840, 41.3679, 50.9349



38.1068, 41.3679, 29.8015



34.8559, 41.3679, 57.8184

Complementary

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



45.4840, 41.3679, 50.9349



43.6221, 52.5659, 49.9691

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.



33.5569, 41.3679, 48.6424



45.4840, 41.3679, 50.9349



35.3643, 41.3679, 33.0100

Square

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



45.4840, 41.3679, 50.9349



41.3259, 41.3679, 30.2399



33.7378, 41.3679, 39.6232



37.3781, 41.3679, 64.0258

Rectangle

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



45.4840, 41.3679, 50.9349



44.8432, 41.3679, 36.4192



33.7378, 41.3679, 39.6232



34.2681, 41.3679, 54.9300

Sweetspot

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



45.4852, 41.3697, 50.9358



89.3323, 90.2119, 101.9160



41.5728, 39.1344, 60.6216



18.9930, 19.0910, 21.6555



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.



45.4852, 41.3697, 50.9358



74.6284, 65.4111, 82.8119



43.5647, 40.6016, 40.8228



10.8852, 10.7374, 12.3785



17.1582, 8.6128, 11.3086



0.8481, 0.4221, 0.7234

Inverse Universe

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



45.4852, 41.3697, 50.9358



74.6284, 65.4111, 82.8119



45.7406, 53.4133, 61.1246



10.8852, 10.7374, 12.3785



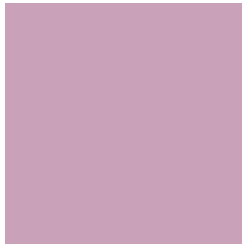
17.1582, 8.6128, 11.3086



0.8481, 0.4221, 0.7234

Previews

White Background



This preview shows how the XYZ color 45.4840, 41.3679, 50.9349 looks on a white background.

Color Contrast Check

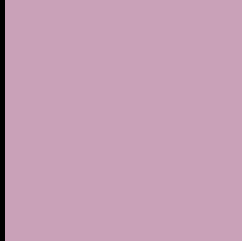
Large Text (above 18pt) WCAG AA × Fail

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 45.4840, 41.3679, 50.9349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

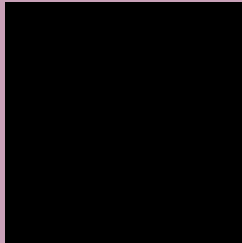
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4840, 41.3679, 50.9349

Background



This preview shows how black text looks on a background with the XYZ color 45.4840, 41.3679, 50.9349.



This preview shows how white text looks on a background with the XYZ color 45.4840, 41.3679,

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

45.4840, 41.3679, 50.9349

Protanopia

40.4347, 41.3896, 54.5730

Deuteranopia

42.3735, 41.3706, 50.5517



Tritanopia

44.4776, 41.2152, 46.1685

Trichromacy



Original Color

45.4840, 41.3679, 50.9349

Protanomaly

41.9519, 41.0920, 53.2974

Deuteranomaly

43.4882, 41.4055, 50.4997

Tritanomaly

44.7756, 41.3344, 47.7379

Monochromacy



Original Color

45.4840, 41.3679, 50.9349

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.7072, 42.6948, 48.6378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4840, 41.3679, 50.9349 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, 161, 184)` looks like.

```
.text, #text, p{  
    color:rgb(201, 161, 184)  
}
```

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, 161, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 161, 184) }
```

Border

The CSS property to change the border of an element to XYZ 45.4840, 41.3679, 50.9349 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, 161, 184) }
```


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

```
.border{ border-color:rgb(201, 161, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 161, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 161, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 161, 184);  
box-shadow:4px 4px 4px 4px rgb(201, 161,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4840, 41.3679, 50.9349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 161, 184) }
```

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

```
.background{ background-color: rgb(201,  
161, 184) }
```

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