

Converting Colors

XYZ(45.2684, 41.3507, 50.6638)

Have a look what the booklet for
XYZ(45.2684, 41.3507, 50.6638)
contains.

XYZ(45.1115, 41.1880, 50.3722)	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(45.1115, 41.1880,
50.3722)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A1B7
RGB	200, 161, 183
RGB Percent	78%, 63%, 72%
CMY	0.2157, 0.3686, 0.2823
CMYK	0.00, 0.19, 0.08, 0.22
HSL	326°, 26%, 71%
HSV	326°, 19%, 78%
XYZ	45.1115, 41.1880, 50.3722
YIQ	175.1690, 16.1820, 15.1100

Conversions

Conversions Part 2

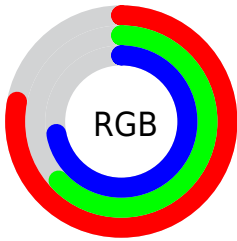
Format	Color
R _Y B	200, 161, 183
Decimal	13148599
CIE Lab	70.31, 18.00, -5.88
CIE LCh	70, 18.939, 341.925
Yxy	41.1880, 0.3301, 0.3014
Android (android.graphics.Color)	4291338679 (0xFFC8A1B7)
YUV	175.1690, 3.8607, 21.7768
Hunter-Lab	64.1779, 13.1588, -1.6113

Details

The XYZ color **45.1115, 41.1880, 50.3722** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.3897, 52.1010, 49.8915**, and the grayscale version is **40.8108, 42.9361, 46.7574**.

A 20% lighter version of the original color is **81.3759, 76.6037, 92.1584**, and **21.3520, 18.6600, 23.5955** is the 20% darker color. If you saturate the color by 10%, you get **41.0127, 34.3976, 44.6667**, and if you desaturate by 10%, it is **49.8279, 49.1226, 56.5619**.

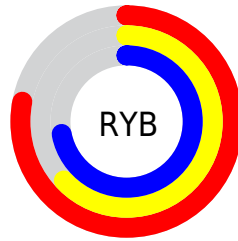
Distribution



Red (78%)

Green (63%)

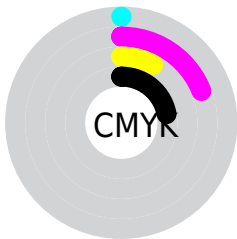
Blue (72%)



Red (78%)

Yellow (63%)

Blue (72%)

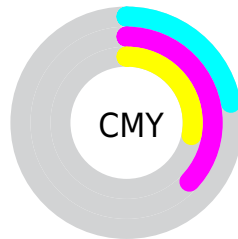


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1115, 41.1880, 50.3722 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 45.1115, 41.1880, 50.3722 by changing the saturation by 10% instead.


 45.1115, 41.1880,
50.3722


 45.1115, 41.1880,
50.3722


358.0011,
351.1057, 404.8964

 31.7469, 28.4660,
35.3360


 82.1237, 76.9692,
92.1281

 21.3229, 18.6772,
23.6362


 106.5021,
100.7972, 119.6848

 13.4740, 11.4373,
14.8543


135.2824,
129.0960, 152.2521

 7.8350, 6.3618,
8.5717


168.8301,
162.2500, 190.2486

 4.0405, 3.0663,
4.3699

207.5104,
200.6436, 234.0927

 1.7251, 1.1664,
1.8304

251.6888,

 0.4719, 0.0340,

244.6611, 284.2030

0.4479

301.7305,
294.6870, 340.9980

■ 0.0000, 0.0000,
0.0000

■ 45.1115, 41.1880,
50.3722

■ 45.1115, 41.1880,
50.3722

■ 41.0127, 34.3976,
44.6667

■ 49.8279, 49.1226,
56.5619

■ 37.5005, 28.6925,
39.4286

■ 55.1841, 58.2457,
63.2467

■ 34.5463, 24.0167,
34.6438

■ 61.2055, 68.6063,
70.4402

■ 32.1177, 20.3071,
30.2962

■ 67.9151, 80.2486,
78.1546

■ 30.1786, 17.4934,
26.3685

■ 73.3889, 89.3232,
85.7532

■ 28.6884, 15.4959,
22.8412

■ 74.6204, 89.8158,
92.2382

■ 27.5989, 14.2204,
19.6928

■ 75.9137, 90.3331,
99.0485

■ 26.8253, 13.4992,
16.8888

■ 77.2696, 90.8755,
106.1888

■ 26.7898, 13.4675,
16.7553

■ 77.6296, 91.0195,
108.0847

Harmonies

Analogous

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



43.2803, 41.1880, 58.8317



45.1115, 41.1880, 50.3722



45.2943, 41.1880, 41.4008

Triad

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



45.1115, 41.1880, 50.3722



37.9255, 41.1880, 30.0924



34.8658, 41.1880, 57.2885

Complementary

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



45.1115, 41.1880, 50.3722



43.3897, 52.1010, 49.8915

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.



33.5845, 41.1880, 48.4788



45.1115, 41.1880, 50.3722



35.2874, 41.1880, 33.2747

Square

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



45.1115, 41.1880, 50.3722



41.0325, 41.1880, 30.4583



33.7346, 41.1880, 39.7409



37.3220, 41.1880, 63.1744

Rectangle

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



45.1115, 41.1880, 50.3722



44.4451, 41.1880, 36.3874



33.7346, 41.1880, 39.7409



34.2894, 41.1880, 54.5249

Sweetspot

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



45.1127, 41.1898, 50.3731



89.3064, 90.2015, 101.7794



41.5090, 39.1151, 60.0063



18.9868, 19.0886, 21.6232



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.



45.1127, 41.1898, 50.3731



75.2623, 66.5793, 83.3300



43.2305, 40.4370, 40.4616



10.8802, 10.7355, 12.3525



17.0794, 8.5813, 10.8941



0.8446, 0.4207, 0.7049

Inverse Universe

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



45.1127, 41.1898, 50.3731



75.2623, 66.5793, 83.3300



45.4774, 52.9361, 60.8854



10.8802, 10.7355, 12.3525



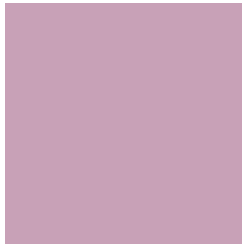
17.0794, 8.5813, 10.8941



0.8446, 0.4207, 0.7049

Previews

White Background



This preview shows how the XYZ color 45.1115, 41.1880, 50.3722 looks on a white background.

Color Contrast Check

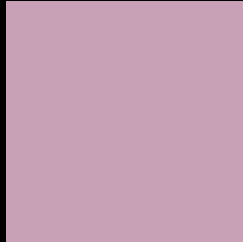
Large Text (above 18pt) WCAG AA × Fail

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 45.1115, 41.1880, 50.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

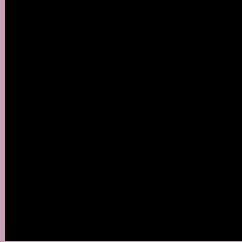
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1115, 41.1880, 50.3722

Background



This preview shows how black text looks on a background with the XYZ color 45.1115, 41.1880, 50.3722.



This preview shows how white text looks on a background with the XYZ color 45.1115, 41.1880,

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

45.1115, 41.1880, 50.3722

Protanopia

40.3258, 41.3460, 53.9993

Deuteranopia

42.0294, 41.2052, 49.9942



Tritanopia

44.2114, 41.0779, 46.1561

Trichromacy



Original Color

45.1115, 41.1880, 50.3722

Protanomaly

41.8444, 41.0490, 52.7315

Deuteranomaly

43.1338, 41.2348, 49.9417

Tritanomaly

44.5094, 41.1971, 47.7254

Monochromacy



Original Color

45.1115, 41.1880, 50.3722

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.1778, 42.1542, 48.0330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1115, 41.1880, 50.3722 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(200, 161, 183)` looks like.

```
.text, #text, p{  
    color:rgb(200, 161, 183)  
}
```

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(200, 161, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 161, 183) }
```

Border

The CSS property to change the border of an element to XYZ 45.1115, 41.1880, 50.3722 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(200, 161, 183) }
```


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

```
.border{ border-color:rgb(200, 161, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 161, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 161, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 161, 183);  
box-shadow:4px 4px 4px 4px rgb(200, 161,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1115, 41.1880, 50.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 161, 183) }
```

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

```
.background{ background-color: rgb(200,  
161, 183) }
```

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