

Converting Colors

XYZ(45.3112, 40.7494, 44.3692)

Have a look what the booklet for
XYZ(45.3112, 40.7494, 44.3692)
contains.

XYZ(45.4054, 40.6977, 44.4920)	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(45.4054, 40.6977,
44.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9EAC
RGB	207, 158, 172
RGB Percent	81%, 62%, 67%
CMY	0.1882, 0.3804, 0.3255
CMYK	0.00, 0.24, 0.17, 0.19
HSL	343°, 34%, 72%
HSV	343°, 24%, 81%
XYZ	45.4054, 40.6977, 44.4920
YIQ	174.2470, 24.7100, 14.7420

Conversions

Conversions Part 2

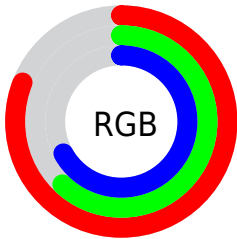
Format	Color
R _Y B	207, 158, 172
Decimal	13606572
CIE Lab	69.96, 20.33, -0.20
CIE LCh	70, 20.333, 359.438
Yxy	40.6977, 0.3477, 0.3116
Android (android.graphics.Color)	4291796652 (0xFFCF9EAC)
YUV	174.2470, -1.1078, 28.7244
Hunter-Lab	63.7947, 15.4051, 3.3060

Details

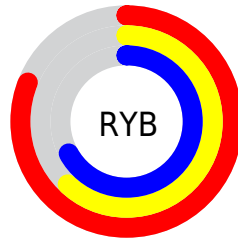
The XYZ color **45.4054, 40.6977, 44.4920** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.0407, 55.7461, 58.7884**, and the grayscale version is **40.3567, 42.4583, 46.2371**.

A 20% lighter version of the original color is **78.8994, 74.3946, 82.8742**, and **21.4931, 18.3395, 20.1764** is the 20% darker color. If you saturate the color by 10%, you get **40.8255, 33.6853, 36.3444**, and if you desaturate by 10%, it is **50.7403, 48.9664, 53.6719**.

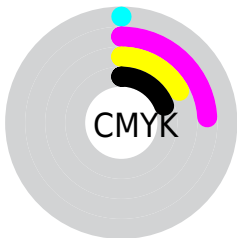
Distribution



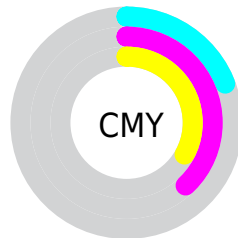
- Red (81%)
- Green (62%)
- Blue (67%)



- Red (81%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (19%)




- Cyan (19%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4054, 40.6977, 44.4920 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 45.4054, 40.6977, 44.4920 by changing the saturation by 10% instead.


 45.4054, 40.6977,
44.4920


 45.4054, 40.6977,
44.4920


359.1691,
349.0556, 380.8122

 31.9795, 28.0829,
30.7175


 82.5617, 76.2248,
83.2679

 21.5013, 18.3882,
20.1271


 107.0229, 99.9059,
109.1064

 13.6055, 11.2291,
12.3025


135.8932,
128.0446, 139.8032

 7.9266, 6.2211,
6.8250

169.5380,
161.0253, 175.7770

 4.0995, 2.9800,
3.2761

208.3226,
199.2323, 217.4463

 1.7586, 1.1213,
1.2373

252.6124,

 0.4925, 0.0000,

243.0501, 265.2295

0.0096

302.7728,
292.8631, 319.5453

■ 0.0000, 0.0000,
0.0000

■ 45.4054, 40.6977,
44.4920

■ 45.4054, 40.6977,
44.4920

■ 40.8255, 33.6853,
36.3444

■ 50.7403, 48.9664,
53.6719

■ 36.9623, 27.8621,
29.1894

■ 56.8595, 58.5432,
63.9168

■ 33.7792, 23.1629,
22.9886

■ 63.7947, 69.4838,
75.2607

■ 31.2347, 19.5144,
17.6999

■ 71.5749, 81.8389,
87.7357

■ 29.2828, 16.8342,
13.2776

■ 78.1170, 91.4354,
100.6687

■ 27.8709, 15.0273,
9.6718

■ 79.5423, 92.0055,
108.1743

■ 26.9361, 13.9794,
6.8265

■ 26.5251, 13.5826,
5.3792

Harmonies

Analogous

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



44.4284, 40.6977, 54.2479



45.4054, 40.6977, 44.4920



44.4970, 40.6977, 35.9403

Triad

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



45.4054, 40.6977, 44.4920



35.6359, 40.6977, 30.2522



35.5335, 40.6977, 61.9448

Complementary

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



45.4054, 40.6977, 44.4920



46.0407, 55.7461, 58.7884

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.



33.3970, 40.6977, 53.8941



45.4054, 40.6977, 44.4920



33.4536, 40.6977, 35.6715

Square

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



45.4054, 40.6977, 44.4920



38.7444, 40.6977, 28.4637



32.6573, 40.6977, 44.1342



38.6195, 40.6977, 65.1655

Rectangle

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



45.4054, 40.6977, 44.4920



42.9724, 40.6977, 31.8517



32.6573, 40.6977, 44.1342



34.6870, 40.6977, 59.6620

Sweetspot

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



45.4065, 40.6996, 44.4928



87.6321, 88.3410, 96.6334



45.3051, 40.2064, 64.4047



18.6265, 18.7044, 20.4660



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.



45.4065, 40.6996, 44.4928



69.1961, 59.7345, 65.0070



45.8708, 43.6673, 38.3610



11.9456, 11.8630, 12.9894



16.7475, 8.5718, 3.5764



0.9708, 0.4930, 0.3809

Inverse Universe

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



45.4065, 40.6996, 44.4928



69.1961, 59.7345, 65.0070



45.3762, 51.7988, 66.6385



11.9456, 11.8630, 12.9894



16.7475, 8.5718, 3.5764



0.9708, 0.4930, 0.3809

Previews

White Background



This preview shows how the XYZ color 45.4054, 40.6977, 44.4920 looks on a white background.

Color Contrast Check

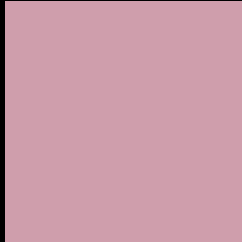
Large Text (above 18pt) WCAG AA × Fail

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 45.4054, 40.6977, 44.4920 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 45.4054, 40.6977, 44.4920

Background



This preview shows how black text looks on a background with the XYZ color 45.4054, 40.6977, 44.4920.



This preview shows how white text looks on a background with the XYZ color 45.4054, 40.6977,

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

45.4054, 40.6977, 44.4920

Protanopia

39.5247, 40.7748, 48.4350

Deuteranopia

41.7259, 40.9041, 44.2242



Tritanopia

45.2147, 40.6214, 43.4879

Trichromacy



Original Color

45.4054, 40.6977, 44.4920

Protanomaly

41.4803, 40.7213, 46.7480

Deuteranomaly

42.9536, 40.7368, 44.1272

Tritanomaly

45.3097, 40.6594, 43.9880

Monochromacy



Original Color

45.4054, 40.6977, 44.4920

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.7952, 41.4615, 45.3352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4054, 40.6977, 44.4920 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(207, 158, 172)` looks like.

```
.text, #text, p{  
    color:rgb(207, 158, 172)  
}
```

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(207, 158, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 158, 172) }
```

Border

The CSS property to change the border of an element to XYZ 45.4054, 40.6977, 44.4920 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(207, 158, 172) }
```


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

```
.border{ border-color:rgb(207, 158, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 158, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 158, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 158, 172);  
box-shadow:4px 4px 4px 4px rgb(207, 158,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4054, 40.6977, 44.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 158, 172) }
```

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

```
.background{ background-color: rgb(207,  
158, 172) }
```

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