

Converting Colors

XYZ(45.0411, 45.2788, 57.6204)

Have a look what the booklet for
XYZ(45.0411, 45.2788, 57.6204)
contains.

XYZ(44.7914, 45.0130, 57.3666)	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(44.7914, 45.0130,
57.3666)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B0C2
RGB	183, 176, 194
RGB Percent	72%, 69%, 76%
CMY	0.2823, 0.3098, 0.2392
CMYK	0.06, 0.09, 0.00, 0.24
HSL	263°, 13%, 73%
HSV	263°, 9%, 76%
XYZ	44.7914, 45.0130, 57.3666
YIQ	180.1450, -1.6060, 7.0820

Conversions

Conversions Part 2

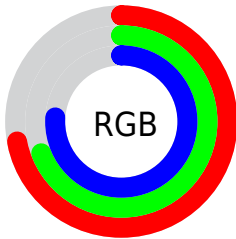
Format	Color
R_{YB}	183, 176, 194
Decimal	12038338
CIE _{Lab}	72.90, 5.90, -8.26
CIE _{LCh}	73, 10.150, 305.562
Yxy	45.0130, 0.3043, 0.3059
Android (android.graphics.Color)	4290228418 (0xFFB7B0C2)
YUV	180.1450, 6.8305, 2.5038
Hunter-Lab	67.0917, 1.7586, -3.7315

Details

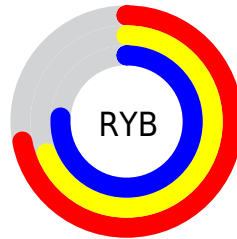
The XYZ color **44.7914, 45.0130, 57.3666** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6235, 52.2842, 48.6583**, and the grayscale version is **43.4265, 45.6880, 49.7543**.

A 20% lighter version of the original color is **81.7085, 82.9661, 102.1500**, and **21.1472, 21.0546, 27.7603** is the 20% darker color. If you saturate the color by 10%, you get **38.5539, 36.5494, 56.0624**, and if you desaturate by 10%, it is **51.8128, 54.6901, 58.8651**.

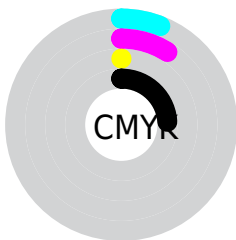
Distribution



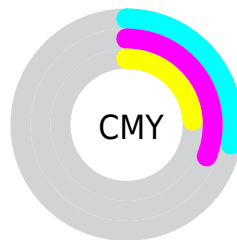
- Red (72%)
- Green (69%)
- Blue (76%)



- Red (72%)
- Yellow (69%)
- Blue (76%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7914, 45.0130, 57.3666 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 44.7914, 45.0130, 57.3666 by changing the saturation by 10% instead.

■ 44.7914, 45.0130,
57.3666

■ 44.7914, 45.0130,
57.3666

356.7260,
366.8262, 432.3537

■ 31.4937, 31.4677,
40.8883

■ 81.6463, 82.7399,
102.5055

■ 21.1288, 20.9552,
27.9128

105.9342,
107.6903, 132.0033

■ 13.3312, 13.0913,
18.0215

134.6163,
137.2111, 166.6780

■ 7.7355, 7.4914,
10.7958

168.0578,
171.6868, 206.9481

■ 3.9766, 3.7713,
5.8173

206.6242,
211.5018, 253.2322

■ 1.6889, 1.5465,
2.6673

250.6808,

■ 0.4493, 0.3211,

257.0404, 305.9488

0.9269

300.5929,
308.6871, 365.5165

■ 0.0000, 0.0000,
0.0000

■ 44.7914, 45.0130,
57.3666

■ 44.7914, 45.0130,
57.3666

■ 38.5539, 36.5494,
56.0624

■ 51.8128, 54.6901,
58.8651

■ 33.0675, 29.2448,
54.9416

■ 59.6413, 65.6210,
60.5624

■ 28.3029, 23.0487,
53.9968

■ 68.3041, 77.8513,
62.4665

■ 24.2273, 17.9047,
53.2187

■ 77.8258, 91.4225,
64.5841

■ 20.8050, 13.7515,
52.5974

■ 82.2147, 94.3434,
64.9166

■ 17.9969, 10.5208,
52.1219

■ 86.4240, 96.5134,
65.1136

■ 15.7590, 8.1358,
51.7794

■ 86.7377, 96.6751,
65.1283

■ 14.0404, 6.5059,
51.5554

■ 12.7562, 5.4738,
51.4239

Harmonies

Analogous

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



43.1139, 45.0130, 59.3552



44.7914, 45.0130, 57.3666



45.9540, 45.0130, 53.1510

Triad

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



44.7914, 45.0130, 57.3666



44.2055, 45.0130, 40.6707



39.4881, 45.0130, 49.9613

Complementary

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



44.7914, 45.0130, 57.3666



47.6235, 52.2842, 48.6583

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.



39.7623, 45.0130, 45.0927



44.7914, 45.0130, 57.3666



42.4548, 45.0130, 39.9452

Square

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



44.7914, 45.0130, 57.3666



45.6092, 45.0130, 43.5640



40.8365, 45.0130, 41.5098



40.0770, 45.0130, 54.8952

Rectangle

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



44.7914, 45.0130, 57.3666



46.2634, 45.0130, 49.7688



40.8365, 45.0130, 41.5098



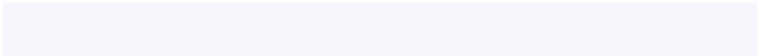
39.4826, 45.0130, 48.2619

Sweetspot

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



44.7927, 45.0149, 57.3676



88.9052, 92.2107, 105.5824



45.4353, 48.7098, 58.0469



19.2398, 19.8766, 23.0725



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.



44.7927, 45.0149, 57.3676



78.8998, 78.4782, 103.4591



46.9772, 46.1411, 57.4698



9.8904, 9.9347, 12.6811



8.4178, 3.6000, 33.8078



0.4410, 0.1954, 1.4644

Inverse Universe

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



46.7447, 46.1099, 53.4523



83.1219, 80.8474, 94.9556



45.5129, 51.1962, 48.5596



10.3260, 10.1790, 11.8072



16.8410, 8.4262, 12.3409



0.7606, 0.3773, 0.7068

Previews

White Background



This preview shows how the XYZ color 44.7914, 45.0130, 57.3666 looks on a white background.

Color Contrast Check

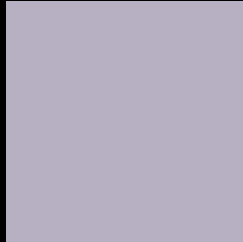
Large Text (above 18pt) WCAG AA × Fail

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 44.7914, 45.0130, 57.3666 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 44.7914, 45.0130, 57.3666

Background



This preview shows how black text looks on a background with the XYZ color 44.7914, 45.0130, 57.3666.



This preview shows how white text looks on a background with the XYZ color 44.7914, 45.0130,

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

44.7914, 45.0130, 57.3666

Protanopia

43.9022, 45.1280, 58.0264

Deuteranopia

45.8599, 44.9860, 57.3050



Tritanopia

44.4175, 45.1510, 55.6642

Trichromacy



Original Color

44.7914, 45.0130, 57.3666

Protanomaly

44.1629, 44.9681, 57.9818

Deuteranomaly

45.5611, 45.1198, 57.3466

Tritanomaly

44.5280, 45.1951, 56.2458

Monochromacy



Original Color

44.7914, 45.0130, 57.3666

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.9331, 45.5667, 52.3787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7914, 45.0130, 57.3666 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(183, 176, 194)` looks like.

```
.text, #text, p{  
    color:rgb(183, 176, 194)  
}
```

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(183, 176, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 176, 194) }
```

Border

The CSS property to change the border of an element to XYZ 44.7914, 45.0130, 57.3666 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(183, 176, 194) }
```


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

```
.border{ border-color:rgb(183, 176, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 176, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 176, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 176, 194);  
box-shadow:4px 4px 4px 4px rgb(183, 176,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7914, 45.0130, 57.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 176, 194) }
```

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

```
.background{ background-color: rgb(183,  
176, 194) }
```

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