

Converting Colors

XYZ(45.5739, 38.6105, 51.7666)

Have a look what the booklet for
XYZ(45.5739, 38.6105, 51.7666)
contains.

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Color

**XYZ(45.5014, 38.6233,
51.5112)**

Conversions

Conversions Part 1

Format	Color
Hex	CF96BA
RGB	207, 150, 186
RGB Percent	81%, 59%, 73%
CMY	0.1882, 0.4117, 0.2706
CMYK	0.00, 0.28, 0.10, 0.19
HSL	322°, 37%, 70%
HSV	322°, 28%, 81%
XYZ	45.5014, 38.6233, 51.5112
YIQ	171.1470, 22.4160, 23.2800

Conversions

Conversions Part 2

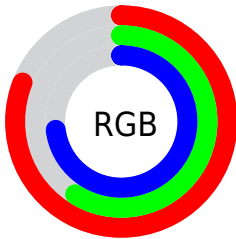
Format	Color
R_{YB}	207, 150, 186
Decimal	13604538
CIE _{Lab}	68.48, 27.01, -10.19
CIE _{LCh}	68, 28.870, 339.335
Yxy	38.6233, 0.3355, 0.2848
Android (android.graphics.Color)	4291794618 (0xFFCF96BA)
YUV	171.1470, 7.3225, 31.4431
Hunter-Lab	62.1476, 21.9304, -5.6393

Details

The XYZ color **45.5014, 38.6233, 51.5112** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.2428, 54.0510, 46.7371**, and the grayscale version is **38.7400, 40.7575, 44.3849**.

A 20% lighter version of the original color is **79.0983, 71.3334, 93.6042**, and **21.5502, 17.1042, 24.3559** is the 20% darker color. If you saturate the color by 10%, you get **41.6964, 32.2759, 46.3489**, and if you desaturate by 10%, it is **49.9355, 46.1584, 57.0976**.

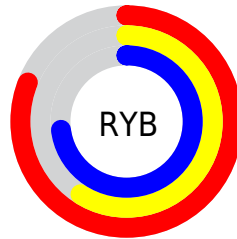
Distribution



Red (81%)

Green (59%)

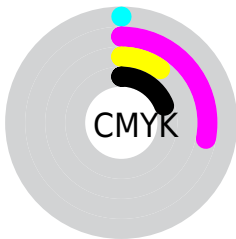
Blue (73%)



Red (81%)

Yellow (59%)

Blue (73%)

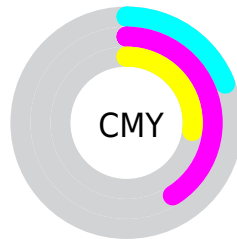


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (19%)



Cyan (19%)


Magenta (41%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5014, 38.6233, 51.5112 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 45.5014, 38.6233, 51.5112 by changing the saturation by 10% instead.


 45.5014, 38.6233,
51.5112


 45.5014, 38.6233,
51.5112


359.5501,
340.2863, 409.4498

 32.0555, 26.4668,
36.2361

 82.7047, 73.0625,
93.8292

 21.5596, 17.1732,
24.3254


 107.1929, 96.1140,
121.7091

 13.6485, 10.3580,
15.3608


136.0925,
123.5659, 154.6277

 7.9567, 5.6370,
8.9235

169.7690,
155.8027, 193.0035

 4.1188, 2.6256,
4.5952

208.5876,
193.2088, 237.2551

 1.7696, 0.9396,
1.9572

252.9138,

 0.4992, 0.0000,

236.1684, 287.8010

0.5288

303.1128,
285.0661, 345.0597

■ 0.0000, 0.0000,
0.0000

■ 45.5014, 38.6233,
51.5112

■ 45.5014, 38.6233,
51.5112

■ 41.6964, 32.2759,
46.3489

■ 49.9355, 46.1584,
57.0976

■ 38.4855, 27.0493,
41.5944

■ 55.0243, 54.9332,
63.1186

■ 35.8359, 22.8780,
37.2340

■ 60.7962, 65.0028,
69.5872

■ 33.7096, 19.6874,
33.2514

■ 67.2767, 76.4174,
76.5151

■ 32.0639, 17.3931,
29.6288

■ 74.4904, 89.2248,
83.9134

■ 30.8488, 15.8962,
26.3460

■ 76.0241, 90.5982,
89.6473

■ 29.9947, 15.0591,
23.3760

■ 77.1299, 91.0405,
95.4705

■ 29.8109, 14.8970,
22.6818

■ 78.2833, 91.5019,
101.5443

■ 79.4849, 91.9825,
107.8718

Harmonies

Analogous

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



42.5278, 38.6233, 64.5132



45.5014, 38.6233, 51.5112



46.0182, 38.6233, 38.1269

Triad

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



45.5014, 38.6233, 51.5112



35.3121, 38.6233, 21.8898



30.3623, 38.6233, 59.9801

Complementary

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



45.5014, 38.6233, 51.5112



42.2428, 54.0510, 46.7371

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.



28.7506, 38.6233, 46.2423



45.5014, 38.6233, 51.5112



31.4491, 38.6233, 25.5259

Square

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



45.5014, 38.6233, 51.5112



39.8788, 38.6233, 22.7271



29.1314, 38.6233, 33.8319



33.7142, 38.6233, 70.0603

Rectangle

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



45.5014, 38.6233, 51.5112



44.8607, 38.6233, 30.9540



29.1314, 38.6233, 33.8319



29.6121, 38.6233, 55.5338

Sweetspot

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



45.5025, 38.6250, 51.5120



87.6972, 87.1932, 100.5953



38.9433, 34.9664, 63.7287



18.4921, 18.1802, 21.2085



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.



45.5025, 38.6250, 51.5120



69.2285, 55.7107, 77.6221



42.7771, 37.5349, 37.1599



12.1183, 11.9321, 13.8989



18.8290, 9.4045, 14.5378



1.0904, 0.5409, 1.0106

Inverse Universe

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



45.5025, 38.6250, 51.5120



69.2285, 55.7107, 77.6221



45.2471, 55.2528, 62.5576



12.1183, 11.9321, 13.8989



18.8290, 9.4045, 14.5378



1.0904, 0.5409, 1.0106

Previews

White Background



This preview shows how the XYZ color 45.5014, 38.6233, 51.5112 looks on a white background.

Color Contrast Check

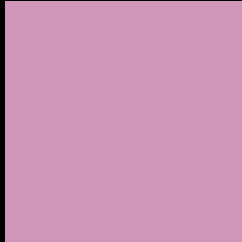
Large Text (above 18pt) WCAG AA × Fail

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 45.5014, 38.6233, 51.5112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

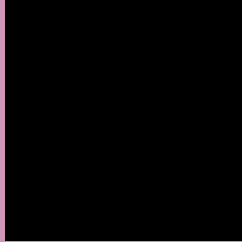
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5014, 38.6233, 51.5112

Background



This preview shows how black text looks on a background with the XYZ color 45.5014, 38.6233, 51.5112.



This preview shows how white text looks on a background with the XYZ color 45.5014, 38.6233,

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

45.5014, 38.6233, 51.5112

Protanopia

38.2980, 38.8350, 57.7019

Deuteranopia

39.6534, 38.8852, 50.7630



Tritanopia

43.2490, 38.6652, 40.7810

Trichromacy



Original Color

45.5014, 38.6233, 51.5112

Protanomaly

40.4453, 38.4124, 55.1518

Deuteranomaly

41.4773, 38.5213, 51.1482

Tritanomaly

44.1109, 38.7787, 44.6953

Monochromacy



Original Color

45.5014, 38.6233, 51.5112

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.7008, 39.5193, 46.5571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5014, 38.6233, 51.5112 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, 150, 186)` looks like.

```
.text, #text, p{  
    color:rgb(207, 150, 186)  
}
```

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, 150, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 150, 186) }
```

Border

The CSS property to change the border of an element to XYZ 45.5014, 38.6233, 51.5112 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, 150, 186) }
```


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

```
.border{ border-color:rgb(207, 150, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 150, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 150, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 150, 186);  
box-shadow:4px 4px 4px 4px rgb(207, 150,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5014, 38.6233, 51.5112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 150, 186) }
```

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

```
.background{ background-color: rgb(207,  
150, 186) }
```

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](#).

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