

Converting Colors

XYZ(45.1528, 38.3306, 63.6327)

Have a look what the booklet for
XYZ(45.1528, 38.3306, 63.6327)
contains.

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Color

**XYZ(45.2331, 38.4598,
63.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	C597CE
RGB	197, 151, 206
RGB Percent	77%, 59%, 81%
CMY	0.2274, 0.4078, 0.1922
CMYK	0.04, 0.27, 0.00, 0.19
HSL	290°, 36%, 70%
HSV	290°, 27%, 81%
XYZ	45.2331, 38.4598, 63.4320
YIQ	171.0240, 9.7610, 26.8570

Conversions

Conversions Part 2

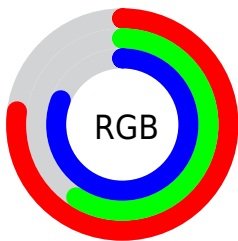
Format	Color
R_{YB}	197, 151, 206
Decimal	12949454
CIE _{Lab}	68.36, 26.76, -21.59
CIE _{LCh}	68, 34.382, 321.098
Yxy	38.4598, 0.3074, 0.2614
Android (android.graphics.Color)	4291139534 (0xFFC597CE)
YUV	171.0240, 17.2432, 22.7810
Hunter-Lab	62.0160, 21.6661, -17.2326

Details

The XYZ color **45.2331, 38.4598, 63.4320** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.1559, 53.8516, 37.4527**, and the grayscale version is **38.6345, 40.6465, 44.2640**.

A 20% lighter version of the original color is **80.9944, 72.4334, 104.3199**, and **21.5524, 17.2210, 31.8938** is the 20% darker color. If you saturate the color by 10%, you get **41.3306, 31.9498, 62.3817**, and if you desaturate by 10%, it is **49.7371, 46.1418, 64.6780**.

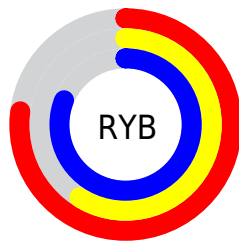
Distribution



Red (77%)

Green (59%)

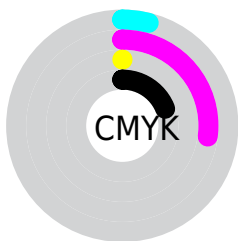
Blue (81%)



Red (77%)

Yellow (59%)

Blue (81%)

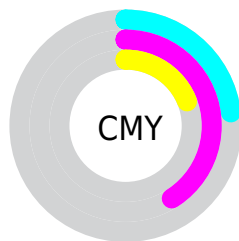


Cyan (4%)

Magenta (27%)

Yellow (0%)

Black (19%)



Cyan (23%)


Magenta (41%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2331, 38.4598, 63.4320 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 45.2331, 38.4598, 63.4320 by changing the saturation by 10% instead.


 45.2331, 38.4598,
63.4320

 45.2331, 38.4598,
63.4320

358.4846,
339.5883, 455.2866

 31.8431, 26.3397,
45.7475


 82.3050, 72.8123,
111.3841

 21.3967, 17.0780,
31.6994


 106.7177, 95.8136,
142.4888

 13.5284, 10.2901,
20.8691


135.5352,
123.2108, 178.9041

 7.8729, 5.5917,
12.8380

169.1231,
155.3882, 221.0483

 4.0648, 2.5985,
7.1877

207.8466,
192.7302, 269.3402

 1.7389, 0.9259,
3.4995

252.0712,

 0.4804, 0.0000,

235.6214, 324.1982

1.3550

302.1620,
284.4459, 386.0408

■ 0.0000, 0.0000,
0.1063

■ 0.0000, 0.0000,
0.0000

■ 45.2331, 38.4598,
63.4320

■ 45.2331, 38.4598,
63.4320

■ 41.3306, 31.9498,
62.3817

■ 49.7371, 46.1418,
64.6780

■ 37.9955, 26.5465,
61.5145

■ 54.8669, 55.0467,
66.1264

■ 35.1962, 22.1858,
60.8204

■ 60.6500, 65.2286,
67.7869

■ 32.8962, 18.7948,
60.2871

■ 67.1112, 76.7367,
69.6677

■ 31.0542, 16.2913,
59.9009

■ 74.2738, 89.6177,
71.7764

■ 29.6221, 14.5795,
59.6460

■ 75.5837, 90.7629,
71.9284

■ 28.5375, 13.5343,
59.5014

■ 76.5974, 91.2855,
71.9759

■ 28.2177, 13.2598,
59.4653

■ 77.6318, 91.8187,
72.0243

■ 78.6869, 92.3626,
72.0737

Harmonies

Analogous

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



40.4160, 38.4598, 76.1433



45.2331, 38.4598, 63.4320



47.7864, 38.4598, 46.6422

Triad

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



45.2331, 38.4598, 63.4320



38.1832, 38.4598, 18.8549



27.7087, 38.4598, 53.5016

Complementary

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



45.2331, 38.4598, 63.4320



42.1559, 53.8516, 37.4527

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.



27.2374, 38.4598, 37.4465



45.2331, 38.4598, 63.4320



32.9479, 38.4598, 19.8306

Square

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



45.2331, 38.4598, 63.4320



43.4613, 38.4598, 22.7558



29.0643, 38.4598, 25.8578



30.4218, 38.4598, 69.5000

Rectangle

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



45.2331, 38.4598, 63.4320



47.7040, 38.4598, 36.4161



29.0643, 38.4598, 25.8578



27.2942, 38.4598, 47.8565

Sweetspot

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



45.2343, 38.4615, 63.4328



87.6664, 87.0402, 106.7877



36.5045, 36.2369, 63.4636



18.4837, 18.1411, 22.7773



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.



45.2343, 38.4615, 63.4328



69.5672, 56.0756, 101.7648



45.5627, 38.8732, 52.4919



11.5003, 11.3072, 14.1468



17.4451, 8.2008, 36.6197



0.9493, 0.4485, 1.8915

Inverse Universe

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



42.8668, 37.7949, 38.2955



65.2036, 54.8781, 54.0313



42.0280, 53.6001, 45.8328



11.2860, 11.2431, 12.0405



15.8728, 8.1597, 1.7828



0.8429, 0.4306, 0.2184

Previews

White Background



This preview shows how the XYZ color 45.2331, 38.4598, 63.4320 looks on a white background.

Color Contrast Check

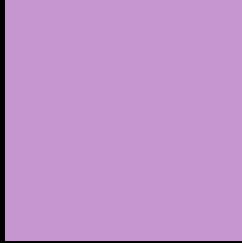
Large Text (above 18pt) WCAG AA × Fail

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 45.2331, 38.4598, 63.4320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

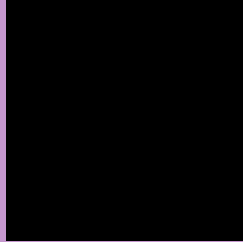
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.2331, 38.4598, 63.4320

Background



This preview shows how black text looks on a background with the XYZ color 45.2331, 38.4598, 63.4320.



This preview shows how white text looks on a background with the XYZ color 45.2331, 38.4598,

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

45.2331, 38.4598, 63.4320

Protanopia

39.1762, 38.7382, 70.3781

Deuteranopia

39.5133, 38.5534, 62.4857



Tritanopia

41.2208, 38.5625, 43.3009

Trichromacy



Original Color

45.2331, 38.4598, 63.4320

Protanomaly

41.0320, 38.4411, 67.5446

Deuteranomaly

41.5490, 38.5512, 63.0089

Tritanomaly

42.5167, 38.3309, 49.9575

Monochromacy



Original Color

45.2331, 38.4598, 63.4320

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.7496, 39.7149, 50.8654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2331, 38.4598, 63.4320 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(197, 151, 206)` looks like.

```
.text, #text, p{  
    color:rgb(197, 151, 206)  
}
```

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(197, 151, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 151, 206) }
```

Border

The CSS property to change the border of an element to XYZ 45.2331, 38.4598, 63.4320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

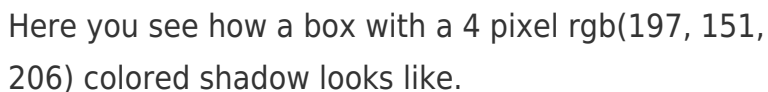
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 151, 206) }
```


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

```
.border{ border-color:rgb(197, 151, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 151, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 151, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 151, 206);  
box-shadow:4px 4px 4px 4px rgb(197, 151,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2331, 38.4598, 63.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 151, 206) }
```

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

```
.background{ background-color: rgb(197,  
151, 206) }
```

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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