

Converting Colors

XYZ(45.5478, 38.2098, 47.5831)

Have a look what the booklet for
XYZ(45.5478, 38.2098, 47.5831)
contains.

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Color

**XYZ(45.5906, 38.2834,
47.6344)**

Conversions

Conversions Part 1

Format	Color
Hex	D394B3
RGB	211, 148, 179
RGB Percent	83%, 58%, 70%
CMY	0.1725, 0.4196, 0.2980
CMYK	0.00, 0.30, 0.15, 0.17
HSL	330°, 42%, 70%
HSV	330°, 30%, 83%
XYZ	45.5906, 38.2834, 47.6344
YIQ	170.3710, 27.5970, 22.9970

Conversions

Conversions Part 2

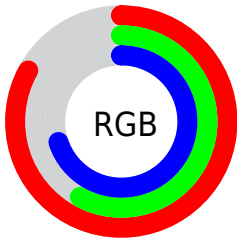
Format	Color
R _Y B	211, 148, 179
Decimal	13866163
CIE Lab	68.23, 28.34, -6.61
CIE LCh	68, 29.099, 346.880
Yxy	38.2834, 0.3467, 0.2911
Android (android.graphics.Color)	4292056243 (0xFFD394B3)
YUV	170.3710, 4.2541, 35.6316
Hunter-Lab	61.8736, 23.2462, -2.3339

Details

The XYZ color **45.5906, 38.2834, 47.6344** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.7469, 56.1808, 51.7210**, and the grayscale version is **38.3643, 40.3623, 43.9545**.

A 20% lighter version of the original color is **77.5913, 69.9700, 88.0133**, and **21.4663, 16.8407, 21.8578** is the 20% darker color. If you saturate the color by 10%, you get **41.5356, 31.8410, 41.1408**, and if you desaturate by 10%, it is **50.3354, 45.9696, 54.7745**.

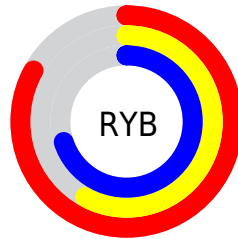
Distribution



Red (83%)

Green (58%)

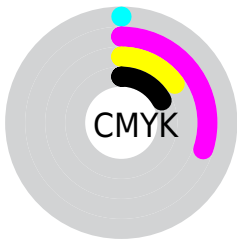
Blue (70%)



Red (83%)

Yellow (58%)

Blue (70%)

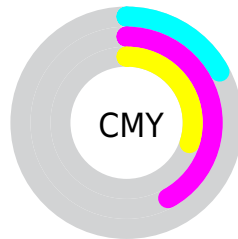


Cyan (0%)

Magenta (30%)

Yellow (15%)

Black (17%)



Cyan (17%)


Magenta (42%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5906, 38.2834, 47.6344 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 45.5906, 38.2834, 47.6344 by changing the saturation by 10% instead.


 45.5906, 38.2834,
47.6344

 45.5906, 38.2834,
47.6344


359.9039,
338.8341, 393.8080

 32.1261, 26.2027,
33.1795


 82.8376, 72.5423,
88.0197

 21.6139, 16.9754,
21.9918


 107.3508, 95.4893,
114.7872

 13.6885, 10.2169,
13.6526


136.2777,
122.8272, 146.4959

 7.9846, 5.5430,
7.7435

169.9835,
154.9404, 183.5645

 4.1368, 2.5693,
3.8458

208.8337,
192.2133, 226.4115

 1.7798, 0.9112,
1.5411

253.1936,

 0.5055, 0.0000,

235.0303, 275.4554

0.2483

303.4285,
283.7758, 331.1147

■ 0.0000, 0.0000,
0.0000

■ 45.5906, 38.2834,
47.6344

■ 45.5906, 38.2834,
47.6344

■ 41.5356, 31.8410,
41.1408

■ 50.3354, 45.9696,
54.7745

■ 38.1323, 26.5706,
35.2705

■ 55.7987, 54.9555,
62.5785

■ 35.3439, 22.4014,
30.0017

■ 62.0118, 65.3004,
71.0662

■ 33.1285, 19.2526,
25.3104

■ 69.0030, 77.0580,
80.2554

■ 31.4381, 17.0321,
21.1702

■ 76.7991, 90.2791,
90.1634

■ 30.2167, 15.6311,
17.5514

■ 78.8488, 91.8588,
98.6145

■ 29.3649, 14.8546,
14.4092

■ 80.5181, 92.5266,
107.4053

■ 29.3537, 14.8448,
14.3668

■ 80.6742, 92.5890,
108.2272

Harmonies

Analogous

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



43.1545, 38.2834, 61.2643



45.5906, 38.2834, 47.6344



45.4181, 38.2834, 34.8232

Triad

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



45.5906, 38.2834, 47.6344



33.9053, 38.2834, 22.0101



30.7285, 38.2834, 62.7797

Complementary

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



45.5906, 38.2834, 47.6344



43.7469, 56.1808, 51.7210

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.



28.6406, 38.2834, 49.3917



45.5906, 38.2834, 47.6344



30.3672, 38.2834, 26.7955

Square

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



45.5906, 38.2834, 47.6344



38.4095, 38.2834, 21.7332



28.5141, 38.2834, 36.2512



34.4372, 38.2834, 71.1594

Rectangle

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



45.5906, 38.2834, 47.6344



43.8440, 38.2834, 28.3819



28.5141, 38.2834, 36.2512



29.8278, 38.2834, 58.6031

Sweetspot

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



45.5917, 38.2852, 47.6352



86.3401, 85.4931, 97.0164



41.0556, 35.5284, 66.3224



18.1983, 17.8322, 20.3719



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.



45.5917, 38.2852, 47.6352



65.8033, 52.0977, 66.5001



42.8006, 37.1687, 32.9376



12.0477, 11.9038, 13.5271



17.7664, 8.9794, 8.9418



1.0334, 0.5181, 0.7109

Inverse Universe

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



45.5917, 38.2852, 47.6352



65.8033, 52.0977, 66.5001



47.2661, 57.5885, 70.2531



12.0477, 11.9038, 13.5271



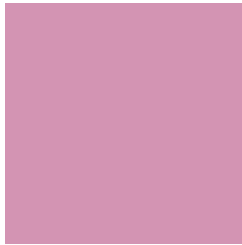
17.7664, 8.9794, 8.9418



1.0334, 0.5181, 0.7109

Previews

White Background



This preview shows how the XYZ color 45.5906, 38.2834, 47.6344 looks on a white background.

Color Contrast Check

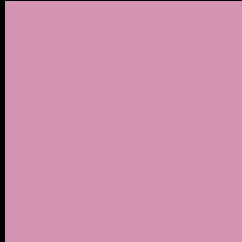
Large Text (above 18pt) WCAG AA × Fail

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 45.5906, 38.2834, 47.6344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

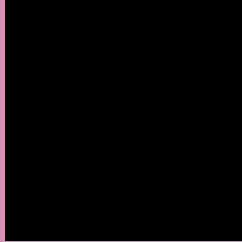
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5906, 38.2834, 47.6344

Background



This preview shows how black text looks on a background with the XYZ color 45.5906, 38.2834, 47.6344.



This preview shows how white text looks on a background with the XYZ color 45.5906, 38.2834,

47.6344.

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

45.5906, 38.2834, 47.6344

Protanopia

37.8537, 38.4145, 54.1348

Deuteranopia

39.1169, 38.4402, 46.4323



Tritanopia

43.8827, 38.2972, 39.2616

Trichromacy



Original Color

45.5906, 38.2834, 47.6344

Protanomaly

40.0835, 38.0447, 51.6851

Deuteranomaly

41.2280, 38.2354, 46.8022

Tritanomaly

44.5526, 38.3415, 42.0983

Monochromacy



Original Color

45.5906, 38.2834, 47.6344

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.4707, 39.1721, 44.9631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5906, 38.2834, 47.6344 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(211, 148, 179)` looks like.

```
.text, #text, p{  
    color:rgb(211, 148, 179)  
}
```

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(211, 148, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 148, 179) }
```

Border

The CSS property to change the border of an element to XYZ 45.5906, 38.2834, 47.6344 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(211, 148, 179) }
```


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

```
.border{ border-color:rgb(211, 148, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 148, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 148, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 148, 179);  
box-shadow:4px 4px 4px 4px rgb(211, 148,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5906, 38.2834, 47.6344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 148, 179) }
```

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

```
.background{ background-color: rgb(211,  
148, 179) }
```

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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