

Converting Colors

XYZ(45.0573, 38.6249, 62.8378)

Have a look what the booklet for
XYZ(45.0573, 38.6249, 62.8378)
contains.

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Color

**XYZ(45.0126, 38.6000,
62.8357)**

Conversions

Conversions Part 1

Format	Color
Hex	C498CD
RGB	196, 152, 205
RGB Percent	77%, 60%, 80%
CMY	0.2314, 0.4039, 0.1961
CMYK	0.04, 0.26, 0.00, 0.20
HSL	290°, 35%, 70%
HSV	290°, 26%, 80%
XYZ	45.0126, 38.6000, 62.8357
YIQ	171.1980, 9.2110, 25.8110

Conversions

Conversions Part 2

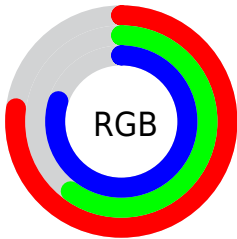
Format	Color
R _{YB}	196, 152, 205
Decimal	12884173
CIE _{Lab}	68.46, 25.68, -20.89
CIE _{LCh}	68, 33.104, 320.872
Yxy	38.6000, 0.3074, 0.2636
Android (android.graphics.Color)	4291074253 (0xFFC498CD)
YUV	171.1980, 16.6644, 21.7514
Hunter-Lab	62.1289, 20.5983, -16.4743

Details

The XYZ color **45.0126, 38.6000, 62.8357** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.1981, 53.5077, 37.8116**, and the grayscale version is **38.7248, 40.7415, 44.3675**.

A 20% lighter version of the original color is **80.8708, 72.7283, 104.3834**, and **21.3949, 17.2925, 31.4883** is the 20% darker color. If you saturate the color by 10%, you get **41.0740, 32.0507, 61.7797**, and if you desaturate by 10%, it is **49.5497, 46.3135, 64.0860**.

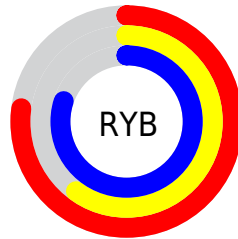
Distribution



Red (77%)

Green (60%)

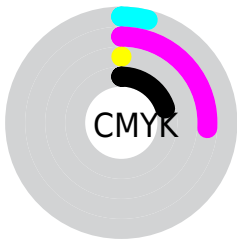
Blue (80%)



Red (77%)

Yellow (60%)

Blue (80%)

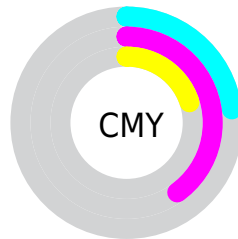


Cyan (4%)

Magenta (26%)

Yellow (0%)

Black (20%)



Cyan (23%)


Magenta (40%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0126, 38.6000, 62.8357 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 45.0126, 38.6000, 62.8357 by changing the saturation by 10% instead.


 45.0126, 38.6000,
62.8357

 45.0126, 38.6000,
62.8357


357.6074,
340.1869, 453.0645

 31.6687, 26.4487,
45.2682


 81.9763, 73.0269,
110.5157

 21.2629, 17.1596,
31.3242

 106.3267, 96.0712,
141.4653

 13.4298, 10.3484,
20.5853

135.0767,
123.5153, 177.7126

 7.8042, 5.6305,
12.6329

168.5916,
155.7437, 219.6762

 4.0207, 2.6218,
7.0485

207.2368,
193.1406, 267.7747

 1.7138, 0.9376,
3.4136

251.3776,

 0.4649, 0.0000,

236.0905, 322.4265

1.3095

301.3793,
284.9778, 384.0503

■ 0.0000, 0.0000,
0.0695

■ 0.0000, 0.0000,
0.0000

■ 45.0126, 38.6000,
62.8357

■ 45.0126, 38.6000,
62.8357

■ 41.0740, 32.0507,
61.7797

■ 49.5497, 46.3135,
64.0860

■ 37.7004, 26.6014,
60.9057

■ 54.7092, 55.2412,
65.5373

■ 34.8608, 22.1893,
60.2038

■ 60.5182, 65.4362,
67.1989

■ 32.5195, 18.7431,
59.6620

■ 67.0010, 76.9469,
69.0791

■ 30.6361, 16.1824,
59.2670

■ 74.1806, 89.8194,
71.1853

■ 29.1639, 14.4139,
59.0032

■ 75.3617, 90.6624,
71.2858

■ 28.0447, 13.3216,
58.8514

■ 76.4067, 91.2012,
71.3347

■ 27.6381, 12.9750,
58.8059

■ 77.4738, 91.7513,
71.3846

■ 78.5629, 92.3127,
71.4356

Harmonies

Analogous

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



40.3708, 38.6000, 74.9028



45.0126, 38.6000, 62.8357



47.4835, 38.6000, 46.7418

Triad

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



45.0126, 38.6000, 62.8357



38.2988, 38.6000, 19.6053



28.1086, 38.6000, 53.0907

Complementary

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



45.0126, 38.6000, 62.8357



42.1981, 53.5077, 37.8116

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.



27.6671, 38.6000, 37.6439



45.0126, 38.6000, 62.8357



33.2366, 38.6000, 20.5327

Square

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



45.0126, 38.6000, 62.8357



43.3733, 38.6000, 23.4842



29.4590, 38.6000, 26.4116



30.7278, 38.6000, 68.4158

Rectangle

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



45.0126, 38.6000, 62.8357



47.4207, 38.6000, 36.8508



29.4590, 38.6000, 26.4116



27.7110, 38.6000, 47.6705

Sweetspot

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



45.0138, 38.6017, 62.8365



87.6209, 87.0168, 106.7855



36.8404, 36.8259, 62.9246



18.4721, 18.1351, 22.7768



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.



45.0138, 38.6017, 62.8365



70.0382, 57.0534, 101.9287



45.5067, 39.0774, 52.8449



11.4933, 11.3036, 14.1464



17.2758, 8.1135, 36.6118



0.9420, 0.4447, 1.8911

Inverse Universe

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



42.8394, 38.0105, 38.7989



65.9815, 55.9814, 55.6849



41.9226, 53.1954, 45.4894



11.2888, 11.2442, 12.0553



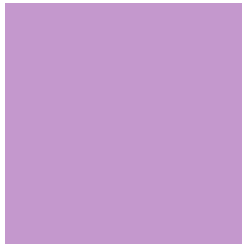
15.8849, 8.1645, 1.8465



0.8442, 0.4311, 0.2252

Previews

White Background



This preview shows how the XYZ color 45.0126, 38.6000, 62.8357 looks on a white background.

Color Contrast Check

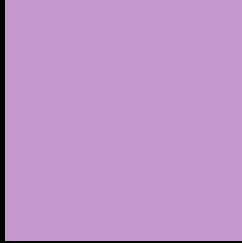
Large Text (above 18pt) WCAG AA × Fail

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 45.0126, 38.6000, 62.8357 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 45.0126, 38.6000, 62.8357

Background



This preview shows how black text looks on a background with the XYZ color 45.0126, 38.6000, 62.8357.



This preview shows how white text looks on a background with the XYZ color 45.0126, 38.6000,

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

45.0126, 38.6000, 62.8357

Protanopia

39.1103, 38.7339, 69.0334

Deuteranopia

39.7808, 38.9697, 61.9251



Tritanopia

41.0634, 38.4704, 43.7893

Trichromacy



Original Color

45.0126, 38.6000, 62.8357

Protanomaly

40.9062, 38.3908, 66.8822

Deuteranomaly

41.6014, 38.8484, 62.4326

Tritanomaly

42.4280, 38.5333, 50.0012

Monochromacy



Original Color

45.0126, 38.6000, 62.8357

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.6451, 39.6731, 50.3152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0126, 38.6000, 62.8357 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(196, 152, 205)` looks like.

```
.text, #text, p{  
    color:rgb(196, 152, 205)  
}
```

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(196, 152, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 152, 205) }
```

Border

The CSS property to change the border of an element to XYZ 45.0126, 38.6000, 62.8357 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(196, 152, 205) }
```


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

```
.border{ border-color:rgb(196, 152, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 152, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 152, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 152, 205); box-shadow:4px 4px 4px 4px rgb(196, 152, 205) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0126, 38.6000, 62.8357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 152, 205) }
```

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

```
.background{ background-color: rgb(196,  
152, 205) }
```

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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