

Converting Colors

XYZ(45.4249, 37.7031, 48.2398)

Have a look what the booklet for
XYZ(45.4249, 37.7031, 48.2398)
contains.

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Color

**XYZ(45.3811, 37.7019,
48.0654)**

Conversions

Conversions Part 1

Format	Color
Hex	D392B4
RGB	211, 146, 180
RGB Percent	83%, 57%, 71%
CMY	0.1725, 0.4274, 0.2941
CMYK	0.00, 0.31, 0.15, 0.17
HSL	329°, 42%, 70%
HSV	329°, 31%, 83%
XYZ	45.3811, 37.7019, 48.0654
YIQ	169.3110, 27.8260, 24.3540

Conversions

Conversions Part 2

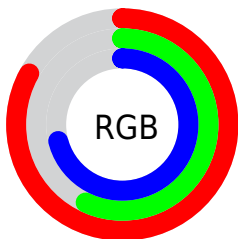
Format	Color
R _Y B	211, 146, 180
Decimal	13865652
CIE Lab	67.80, 29.59, -7.80
CIE LCh	68, 30.598, 345.230
Yxy	37.7019, 0.3460, 0.2875
Android (android.graphics.Color)	4292055732 (0xFFD392B4)
YUV	169.3110, 5.2697, 36.5613
Hunter-Lab	61.4019, 24.4731, -3.4309

Details

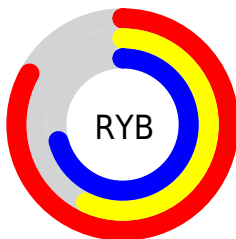
The XYZ color **45.3811, 37.7019, 48.0654** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.0857, 55.8750, 50.1116**, and the grayscale version is **37.8320, 39.8022, 43.3446**.

A 20% lighter version of the original color is **77.2670, 69.0894, 88.6201**, and **21.3510, 16.5063, 22.1394** is the 20% darker color. If you saturate the color by 10%, you get **41.4356, 31.3921, 41.8745**, and if you desaturate by 10%, it is **50.0035, 45.2455, 54.8501**.

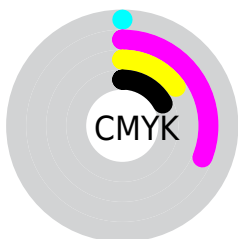
Distribution



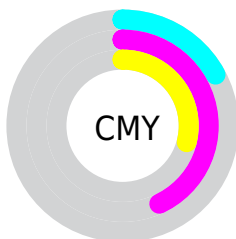
- Red (83%)
- Green (57%)
- Blue (71%)



- Red (83%)
- Yellow (57%)
- Blue (71%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3811, 37.7019, 48.0654 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 45.3811, 37.7019, 48.0654 by changing the saturation by 10% instead.


 45.3811, 37.7019,
48.0654

 45.3811, 37.7019,
48.0654

359.0726,
336.3395, 395.5675

 31.9603, 25.7514,
33.5183


 82.5255, 71.6510,
88.6683

 21.4866, 16.6378,
22.2494


 106.9799, 94.4184,
115.5613

 13.5946, 9.9766,
13.8402


135.8427,
121.5602, 147.4066

 7.9191, 5.3834,
7.8722

169.4795,
153.4608, 184.6228

 4.0946, 2.4739,
3.9267

208.2555,
190.5047, 227.6284

 1.7558, 0.8635,
1.5852

252.5361,

 0.4908, 0.0000,

233.0762, 276.8421

0.2802

302.6867,
281.5596, 332.6822

■ 0.0000, 0.0000,
0.0000

■ 45.3811, 37.7019,
48.0654

■ 45.3811, 37.7019,
48.0654

■ 41.4356, 31.3921,
41.8745

■ 50.0035, 45.2455,
54.8501

■ 38.1290, 26.2440,
36.2557

■ 55.3317, 54.0793,
62.2444

■ 35.4247, 22.1863,
31.1893


■ 61.3965, 64.2626,
70.2663


■ 33.2804, 19.1374,
26.6527


■ 68.2262, 75.8494,
78.9324


■ 31.6481, 17.0040,
22.6216


■ 75.8474, 88.8907,
88.2585

 30.4711, 15.6754,
19.0679

 78.4094, 91.6831,
96.3009

 29.6986, 14.9828,
16.1826

 79.9498, 92.2992,
104.4121

 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.



42.6962, 37.7019, 62.2941



45.3811, 37.7019, 48.0654



45.3590, 37.7019, 34.5739

Triad

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



45.3811, 37.7019, 48.0654



33.4952, 37.7019, 20.6782



29.7961, 37.7019, 62.4896

Complementary

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



45.3811, 37.7019, 48.0654



43.0857, 55.8750, 50.1116

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.



27.7464, 37.7019, 48.2903



45.3811, 37.7019, 48.0654



29.7505, 37.7019, 25.2867

Square

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



45.3811, 37.7019, 48.0654



38.2067, 37.7019, 20.6440



27.7305, 37.7019, 34.7545



33.5627, 37.7019, 71.7862

Rectangle

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



45.3811, 37.7019, 48.0654



43.7997, 37.7019, 27.7693



27.7305, 37.7019, 34.7545



28.8987, 37.7019, 58.0084

Sweetspot

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



45.3822, 37.7036, 48.0662



86.4480, 85.5363, 97.5848



40.0183, 34.5318, 66.1848



18.2249, 17.8429, 20.5118



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.



45.3822, 37.7036, 48.0662



65.5566, 51.2807, 67.4155



42.5028, 36.5519, 32.9032



12.0633, 11.9101, 13.6092



17.9751, 9.0629, 10.0408



1.0450, 0.5227, 0.7719

Inverse Universe

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



45.3822, 37.7036, 48.0662



65.5566, 51.2807, 67.4155



46.6376, 57.2957, 68.8153



12.0633, 11.9101, 13.6092



17.9751, 9.0629, 10.0408



1.0450, 0.5227, 0.7719

Previews

White Background



This preview shows how the XYZ color 45.3811, 37.7019, 48.0654 looks on a white background.

Color Contrast Check

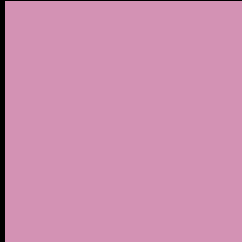
Large Text (above 18pt) WCAG AA × Fail

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 45.3811, 37.7019, 48.0654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

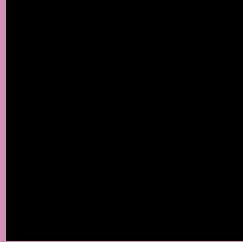
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3811, 37.7019, 48.0654

Background



This preview shows how black text looks on a background with the XYZ color 45.3811, 37.7019, 48.0654.



This preview shows how white text looks on a background with the XYZ color 45.3811, 37.7019,

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

45.3811, 37.7019, 48.0654

Protanopia

37.4878, 37.9338, 55.2153

Deuteranopia

38.5852, 37.8942, 46.8756



Tritanopia

43.4750, 37.6234, 38.6889

Trichromacy



Original Color

45.3811, 37.7019, 48.0654

Protanomaly

39.7245, 37.3285, 52.6884

Deuteranomaly

40.9106, 37.8101, 47.2613

Tritanomaly

44.2361, 37.7086, 41.9928

Monochromacy



Original Color

45.3811, 37.7019, 48.0654

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.0549, 38.6972, 44.8934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3811, 37.7019, 48.0654 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, 146, 180)` looks like.

```
.text, #text, p{  
    color:rgb(211, 146, 180)  
}
```

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, 146, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 146, 180) }
```

Border

The CSS property to change the border of an element to XYZ 45.3811, 37.7019, 48.0654 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, 146, 180) }
```


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

```
.border{ border-color:rgb(211, 146, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 146, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 146, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 146, 180);  
box-shadow:4px 4px 4px 4px rgb(211, 146,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3811, 37.7019, 48.0654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 146, 180) }
```

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

```
.background{ background-color: rgb(211,  
146, 180) }
```

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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