

Converting Colors

XYZ(45.7644, 37.1257, 48.5361)

Have a look what the booklet for
XYZ(45.7644, 37.1257, 48.5361)
contains.

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Color

**XYZ(45.8945, 37.2773,
48.4924)**

Conversions

Conversions Part 1

Format	Color
Hex	D68FB5
RGB	214, 143, 181
RGB Percent	84%, 56%, 71%
CMY	0.1608, 0.4392, 0.2902
CMYK	0.00, 0.33, 0.15, 0.16
HSL	328°, 46%, 70%
HSV	328°, 33%, 84%
XYZ	45.8945, 37.2773, 48.4924
YIQ	168.5610, 30.1180, 26.8700

Conversions

Conversions Part 2

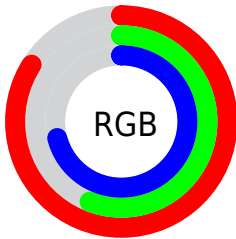
Format	Color
R _Y B	214, 143, 181
Decimal	14061493
CIE Lab	67.48, 32.42, -8.79
CIE LCh	67, 33.588, 344.821
Yxy	37.2773, 0.3486, 0.2831
Android (android.graphics.Color)	4292251573 (0xFFD68FB5)
YUV	168.5610, 6.1324, 39.8500
Hunter-Lab	61.0551, 27.3301, -4.3519

Details

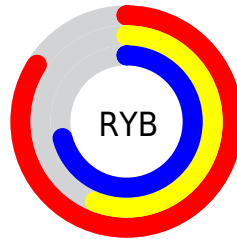
The XYZ color **45.8945, 37.2773, 48.4924** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.2123, 57.0684, 49.8147**, and the grayscale version is **37.4567, 39.4073, 42.9146**.

A 20% lighter version of the original color is **76.7201, 67.7626, 89.1567**, and **21.7379, 16.3098, 22.4245** is the 20% darker color. If you saturate the color by 10%, you get **41.9987, 31.0609, 42.3368**, and if you desaturate by 10%, it is **50.4781, 44.7518, 55.2377**.

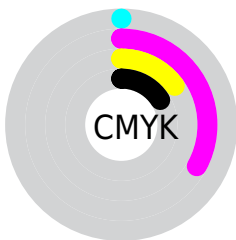
Distribution



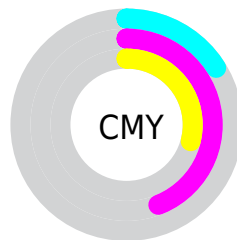
- Red (84%)
- Green (56%)
- Blue (71%)



- Red (84%)
- Yellow (56%)
- Blue (71%)



- Cyan (0%)
- Magenta (33%)
- Yellow (15%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.8945, 37.2773, 48.4924 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 45.8945, 37.2773, 48.4924 by changing the saturation by 10% instead.


 45.8945, 37.2773,
48.4924

 45.8945, 37.2773,
48.4924


361.1074,
334.5095, 397.3054

 32.3668, 25.4223,
33.8542


 83.2899, 70.9991,
89.3103

 21.7988, 16.3919,
22.5052


 107.8884, 93.6346,
116.3270

 13.8249, 9.8019,
14.0267


136.9079,
120.6324, 148.3071

 8.0799, 5.2678,
8.0003

170.7137,
152.3769, 185.6689

 4.1983, 2.4052,
4.0074

209.6712,
189.2524, 228.8312

 1.8149, 0.8286,
1.6294

254.1457,

 0.5266, 0.0000,

231.6435, 278.2123

0.3117

304.5027,
279.9344, 334.2309

■ 0.0000, 0.0000,
0.0000

■ 45.8945, 37.2773,
48.4924

■ 45.8945, 37.2773,
48.4924

■ 41.9987, 31.0609,
42.3368

■ 50.4781, 44.7518,
55.2377

■ 38.7511, 26.0270,
36.7489

■ 55.7800, 53.5443,
62.5888

■ 36.1126, 22.0997,
31.7085

■ 61.8325, 63.7168,
70.5640

■ 34.0385, 19.1921,
27.1927

■ 68.6651, 75.3261,
79.1799

■ 32.4775, 17.2042,
23.1762

■ 76.3057, 88.4256,
88.4523

■ 31.3678, 16.0151,
19.6297

■ 79.3217, 92.1482,
96.5771

■ 30.7992, 15.5232,
17.4511

■ 80.8461, 92.7580,
104.6048

■ 81.5417, 93.0362,
108.2678

Harmonies

Analogous

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



42.8945, 37.2773, 64.2629



45.8945, 37.2773, 48.4924



45.9136, 37.2773, 33.7458

Triad

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



45.8945, 37.2773, 48.4924



32.9533, 37.2773, 18.8507



28.8493, 37.2773, 64.0921

Complementary

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



45.8945, 37.2773, 48.4924



43.2123, 57.0684, 49.8147

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.



26.6792, 37.2773, 48.2991



45.8945, 37.2773, 48.4924



28.8876, 37.2773, 23.5861

Square

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



45.8945, 37.2773, 48.4924



38.0928, 37.2773, 18.8783



26.6925, 37.2773, 33.5940



32.8961, 37.2773, 74.6503

Rectangle

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



45.8945, 37.2773, 48.4924



44.2158, 37.2773, 26.4300



26.6925, 37.2773, 33.5940



27.8943, 37.2773, 59.0709

Sweetspot

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



45.8956, 37.2790, 48.4932



85.5978, 84.0557, 96.6235



39.6297, 33.6102, 68.0174



18.0571, 17.5486, 20.3286



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.



45.8956, 37.2790, 48.4932



63.9659, 48.5763, 65.4144



42.7866, 36.0354, 32.1215



12.6983, 12.5308, 14.3515



18.6691, 9.4040, 10.8276



1.1677, 0.5839, 0.8723

Inverse Universe

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



45.8956, 37.2790, 48.4932



63.9659, 48.5763, 65.4144



47.0645, 58.6092, 70.0998



12.6983, 12.5308, 14.3515



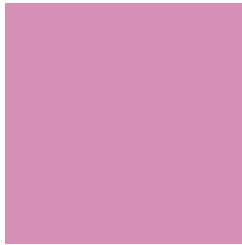
18.6691, 9.4040, 10.8276



1.1677, 0.5839, 0.8723

Previews

White Background



This preview shows how the XYZ color 45.8945, 37.2773, 48.4924 looks on a white background.

Color Contrast Check

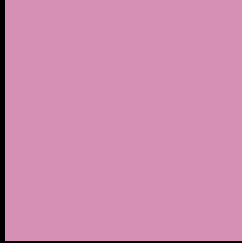
Large Text (above 18pt) WCAG AA × Fail

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 45.8945, 37.2773, 48.4924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

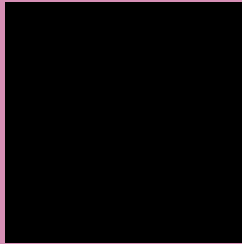
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.8945, 37.2773, 48.4924

Background



This preview shows how black text looks on a background with the XYZ color 45.8945, 37.2773, 48.4924.



This preview shows how white text looks on a background with the XYZ color 45.8945, 37.2773,

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

45.8945, 37.2773, 48.4924

Protanopia

37.1329, 37.4604, 56.3124

Deuteranopia

38.2859, 37.4699, 47.3340



Tritanopia

43.4692, 37.1849, 37.2341

Trichromacy



Original Color

45.8945, 37.2773, 48.4924

Protanomaly

39.6642, 37.0348, 53.2020

Deuteranomaly

40.6786, 37.1847, 47.6812

Tritanomaly

44.3132, 37.3080, 40.9420

Monochromacy



Original Color

45.8945, 37.2773, 48.4924

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.1212, 38.4730, 44.8466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8945, 37.2773, 48.4924 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(214, 143, 181)` looks like.

```
.text, #text, p{  
    color:rgb(214, 143, 181)  
}
```

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(214, 143, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 143, 181) }
```

Border

The CSS property to change the border of an element to XYZ 45.8945, 37.2773, 48.4924 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(214, 143, 181) }
```


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

```
.border{ border-color:rgb(214, 143, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 143, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 143, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 143, 181);  
box-shadow:4px 4px 4px 4px rgb(214, 143,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8945, 37.2773, 48.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 143, 181) }
```

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

```
.background{ background-color: rgb(214,  
143, 181) }
```

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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