

Converting Colors

XYZ(64.6215, 44.0925, 49.0297)

Have a look what the booklet for
XYZ(64.6215, 44.0925, 49.0297)
contains.

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Color

**XYZ(57.4307, 40.2967,
48.4672)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF81B5 |
| RGB | 255, 129, 181 |
| RGB Percent | 100%, 51%, 71% |
| CMY | 0.0000, 0.4941, 0.2902 |
| CMYK | 0.00, 0.49, 0.29, 0.00 |
| HSL | 335°, 100%, 75% |
| HSV | 335°, 49%, 100% |
| XYZ | 57.4307, 40.2967, 48.4672 |
| YIQ | 172.6020, 58.4040, 42.8840 |

Conversions

Conversions Part 2

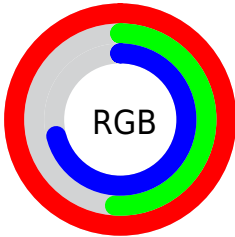
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 129, 181 |
| Decimal | 16744885 |
| CIE _{Lab} | 69.68, 53.39, -4.98 |
| CIE _{LCh} | 70, 53.626, 354.669 |
| Yxy | 40.2967, 0.3928, 0.2756 |
| Android (android.graphics.Color) | 4294934965 (0xFFFF81B5) |
| YUV | 172.6020, 4.1402, 72.2630 |
| Hunter-Lab | 63.4797, 50.4013, -0.8326 |

Details

The XYZ color **57.4307, 40.2967, 48.4672** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.5946, 80.4998, 69.1118**, and the grayscale version is **39.4780, 41.5339, 45.2305**.

A 20% lighter version of the original color is **73.8750, 62.0723, 88.2083**, and **28.8507, 18.0582, 22.3870** is the 20% darker color. If you saturate the color by 10%, you get **53.0260, 33.8158, 39.8202**, and if you desaturate by 10%, it is **62.8408, 48.5236, 58.2652**.

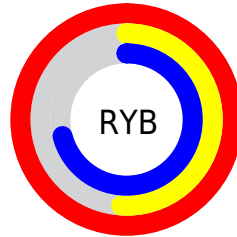
Distribution



Red (100%)

Green (51%)

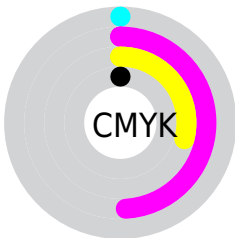
Blue (71%)



Red (100%)

Yellow (51%)

Blue (71%)

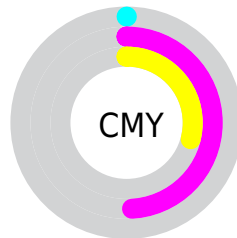


Cyan (0%)

Magenta (49%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4307, 40.2967, 48.4672 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 57.4307, 40.2967, 48.4672 by changing the saturation by 10% instead.


 57.4307, 40.2967,
48.4672


 57.4307, 40.2967,
48.4672


405.0494,
347.3725, 397.2030


 41.5926, 27.7700,
33.8344


 100.2211, 75.6151,
89.2724

 28.9722, 18.1523,
22.4901


 127.9041, 99.1756,
116.2819

 19.2039, 11.0594,
14.0157

 160.2662,
127.1827, 148.2540

 11.9226, 6.1068,
7.9927

197.6726,
160.0209, 185.6073

 6.7628, 2.9101,
4.0026

240.4888,
198.0746, 228.7603

 3.3592, 1.0850,
1.6268

289.0801,

 1.3465, 0.0000,

241.7282, 278.1315

0.3098

343.8118,
291.3660, 334.1396

■ 0.2176, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4307, 40.2967,
48.4672

■ 57.4307, 40.2967,
48.4672

■ 53.0260, 33.8158,
39.8202

■ 62.8408, 48.5236,
58.2652

■ 49.5547, 28.9457,
32.2735

■ 69.3149, 58.6064,
69.2571

■ 46.9397, 25.5411,
25.7746

■ 76.9110, 70.6530,
81.4860

■ 45.0890, 23.4270,
20.2646

■ 85.6815, 84.7614,
94.9921

■ 43.8639, 22.3358, 95.0500, 100.0000,
15.6668 108.9000

■ 43.8017, 22.2847,
15.4197

Harmonies

Analogous

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



53.5886, 40.2967, 77.7163



57.4307, 40.2967, 48.4672



55.5513, 40.2967, 26.8018

Triad

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



57.4307, 40.2967, 48.4672



31.7506, 40.2967, 13.2032



29.4397, 40.2967, 95.5437

Complementary

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



57.4307, 40.2967, 48.4672



55.5946, 80.4998, 69.1118

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.



25.0517, 40.2967, 66.9941



57.4307, 40.2967, 48.4672



26.2380, 40.2967, 21.6383

Square

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



57.4307, 40.2967, 48.4672



39.8720, 40.2967, 11.4242



23.9745, 40.2967, 39.5848



36.7715, 40.2967, 110.7210

Rectangle

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



57.4307, 40.2967, 48.4672



51.4340, 40.2967, 18.1277



23.9745, 40.2967, 39.5848



27.6183, 40.2967, 86.7704

Sweetspot

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



57.4318, 40.2987, 48.4680



80.6300, 76.6136, 87.2810



50.3947, 35.5493, 98.8134



16.8714, 15.7776, 18.0820



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.



57.4318, 40.2987, 48.4680



53.1873, 34.0483, 40.1519



54.5091, 41.4575, 25.9006



18.3202, 18.1114, 20.3032



22.9573, 11.6722, 8.4255



2.2880, 1.1576, 1.0983

Inverse Universe

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



57.4318, 40.2987, 48.4680



53.1873, 34.0483, 40.1519



59.6059, 76.8908, 106.3076



18.3202, 18.1114, 20.3032



22.9573, 11.6722, 8.4255



2.2880, 1.1576, 1.0983

Previews

White Background



This preview shows how the XYZ color 57.4307, 40.2967, 48.4672 looks on a white background.

Color Contrast Check

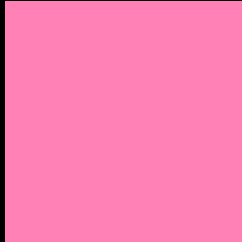
Large Text (above 18pt) WCAG AA × Fail

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 57.4307, 40.2967, 48.4672 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 57.4307, 40.2967, 48.4672

Background



This preview shows how black text looks on a background with the XYZ color 57.4307, 40.2967, 48.4672.



This preview shows how white text looks on a background with the XYZ color 57.4307, 40.2967,

48.4672.

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

57.4307, 40.2967, 48.4672

Protanopia

40.3507, 40.5623, 64.7341

Deuteranopia

41.2006, 40.3197, 46.1684



Tritanopia

54.1374, 40.3791, 32.1347

Trichromacy



Original Color

57.4307, 40.2967, 48.4672



Protanomaly

44.5136, 38.9242, 58.5931



Deuteranomaly

45.7424, 39.3324, 46.7760



Tritanomaly

55.1535, 40.1609, 37.6458

Monochromacy



Original Color

57.4307, 40.2967, 48.4672



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

44.5220, 39.9450, 46.4379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4307, 40.2967, 48.4672 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(255, 129, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 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(255, 129, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 181) }
```

Border

The CSS property to change the border of an element to XYZ 57.4307, 40.2967, 48.4672 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(255, 129, 181) }
```


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

```
.border{ border-color:rgb(255, 129, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4307, 40.2967, 48.4672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 181) }
```

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

```
.background{ background-color: rgb(255,  
129, 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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