

Converting Colors

XYZ(71.2115, 51.9867, 69.2449)

Have a look what the booklet for
XYZ(71.2115, 51.9867, 69.2449)
contains.

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Color

**XYZ(64.4785, 48.5206,
68.9178)**

Conversions

Conversions Part 1

Format	Color
Hex	FF98D5
RGB	255, 152, 213
RGB Percent	100%, 60%, 84%
CMY	0.0000, 0.4039, 0.1647
CMYK	0.00, 0.40, 0.16, 0.00
HSL	324°, 100%, 80%
HSV	324°, 40%, 100%
XYZ	64.4785, 48.5206, 68.9178
YIQ	189.7510, 41.8070, 40.8070

Conversions

Conversions Part 2

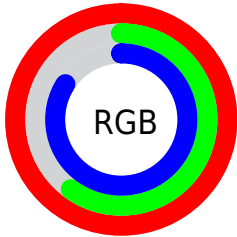
Format	Color
R_{YB}	255, 152, 213
Decimal	16750805
CIE _{Lab}	75.15, 46.44, -14.56
CIE _{LCh}	75, 48.667, 342.591
Yxy	48.5206, 0.3544, 0.2667
Android (android.graphics.Color)	4294940885 (0xFFFF98D5)
YUV	189.7510, 11.4618, 57.2234
Hunter-Lab	69.6567, 43.3312, -9.9013

Details

The XYZ color **64.4785, 48.5206, 68.9178** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.4483, 82.0913, 63.8069**, and the grayscale version is **48.7209, 51.2582, 55.8202**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **33.3042, 22.9397, 35.0202** is the 20% darker color. If you saturate the color by 10%, you get **59.4979, 40.6044, 60.9534**, and if you desaturate by 10%, it is **70.4356, 58.2540, 77.6265**.

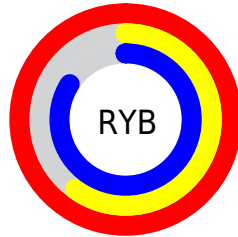
Distribution



Red (100%)

Green (60%)

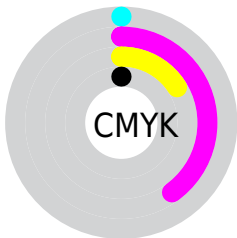
Blue (84%)



Red (100%)

Yellow (60%)

Blue (84%)

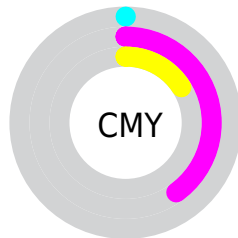


Cyan (0%)

Magenta (40%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.4785, 48.5206, 68.9178 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 64.4785, 48.5206, 68.9178 by changing the saturation by 10% instead.


 64.4785, 48.5206,
68.9178


 64.4785, 48.5206,
68.9178


430.4904,
380.8520, 475.4271

 47.3015, 34.2393,
50.1734

 110.3697, 87.9790,
119.3308

 33.4830, 23.0775,
35.1791


 139.8145,
113.9250, 151.8364

 22.6577, 14.6508,
23.5162

174.0793,
144.5280, 189.7663

 14.4603, 8.5747,
14.7662

213.5294,
180.1723, 233.5388

 8.5253, 4.4648,
8.5107

258.5303,
221.2425, 283.5727

 4.4875, 1.9368,
4.3310

309.4471,

 1.9815, 0.5704,

268.1230, 340.2863

1.8086

366.6454,
321.1980, 404.0982

■ 0.6235, 0.0000,
0.4336

■ 0.0000, 0.0000,
0.0000

■ 64.4785, 48.5206,
68.9178

■ 64.4785, 48.5206,
68.9178

■ 59.4979, 40.6044,
60.9534

■ 70.4356, 58.2540,
77.6265

■ 55.4314, 34.3834,
53.7028

■ 77.4197, 69.9038,
87.1021

■ 52.2140, 29.7305,
47.1372

■ 85.4819, 83.5695,
97.3695

■ 49.7704, 26.4976,
41.2231

94.6687, 99.3417,
108.4514

■ 48.0109, 24.5079, 95.0500, 100.0000,
35.9222 108.9000

■ 46.8271, 23.4949,
31.3515

Harmonies

Analogous

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



58.7145, 48.5206, 97.8273



64.4785, 48.5206, 68.9178



64.9459, 48.5206, 42.8380

Triad

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



64.4785, 48.5206, 68.9178



42.4817, 48.5206, 17.9490



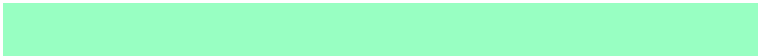
34.6163, 48.5206, 93.4929

Complementary

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



64.4785, 48.5206, 68.9178



58.4483, 82.0913, 63.8069

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.



31.3326, 48.5206, 64.2677



64.4785, 48.5206, 68.9178



35.4647, 48.5206, 24.3093

Square

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



64.4785, 48.5206, 68.9178



51.4372, 48.5206, 18.4740



31.6217, 48.5206, 39.4647



41.1776, 48.5206, 114.8632

Rectangle

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



64.4785, 48.5206, 68.9178



62.1155, 48.5206, 30.5589



31.6217, 48.5206, 39.4647



33.1330, 48.5206, 83.9214

Sweetspot

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



64.4796, 48.5227, 68.9188



84.1088, 81.2288, 95.6616



51.3236, 41.0428, 99.8248



17.7689, 16.9884, 20.1823



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.



64.4796, 48.5227, 68.9188



60.6029, 42.3377, 62.7907



59.0181, 46.3381, 40.1587



18.4608, 18.1676, 21.0439



24.5442, 12.3070, 16.7819



2.4440, 1.2200, 1.9196

Inverse Universe

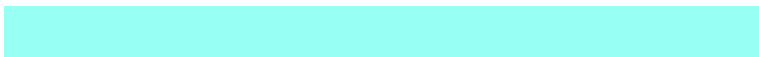
The Inverse Universe completely reimagines the original color for something new.



64.4796, 48.5227, 68.9188



60.6029, 42.3377, 62.7907



65.1459, 84.7703, 99.0756



18.4608, 18.1676, 21.0439



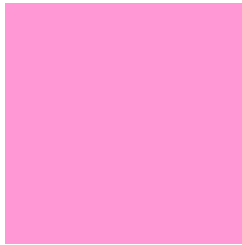
24.5442, 12.3070, 16.7819



2.4440, 1.2200, 1.9196

Previews

White Background



This preview shows how the XYZ color 64.4785, 48.5206, 68.9178 looks on a white background.

Color Contrast Check

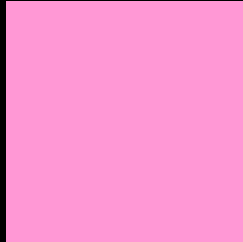
Large Text (above 18pt) WCAG AA × Fail

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 64.4785, 48.5206, 68.9178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

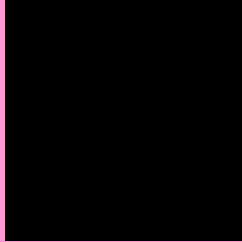
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4785, 48.5206, 68.9178

Background



This preview shows how black text looks on a background with the XYZ color 64.4785, 48.5206, 68.9178.



This preview shows how white text looks on a background with the XYZ color 64.4785, 48.5206,

68.9178.

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

64.4785, 48.5206, 68.9178

Protanopia

49.2254, 49.1057, 84.7258

Deuteranopia

49.9014, 48.9393, 66.4906



Tritanopia

59.4415, 48.4442, 45.2475

Trichromacy



Original Color

64.4785, 48.5206, 68.9178



Protanomaly

53.1086, 47.6925, 78.3580



Deuteranomaly

54.3265, 48.0015, 67.3747



Tritanomaly

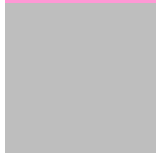
61.1715, 48.3972, 53.1312

Monochromacy



Original Color

64.4785, 48.5206, 68.9178



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

53.4499, 49.4240, 60.1488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4785, 48.5206, 68.9178 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, 152, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 213)  
}
```

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, 152, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 213) }
```

Border

The CSS property to change the border of an element to XYZ 64.4785, 48.5206, 68.9178 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, 152, 213) }
```


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

```
.border{ border-color:rgb(255, 152, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4785, 48.5206, 68.9178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 213) }
```

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

```
.background{ background-color: rgb(255,  
152, 213) }
```

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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