

Converting Colors

XYZ(64.1895, 48.6658, 66.5919)

Have a look what the booklet for
XYZ(64.1895, 48.6658, 66.5919)
contains.

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Color

**XYZ(64.1399, 48.6459,
66.3307)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99D1
RGB	255, 153, 209
RGB Percent	100%, 60%, 82%
CMY	0.0000, 0.4000, 0.1804
CMYK	0.00, 0.40, 0.18, 0.00
HSL	327°, 100%, 80%
HSV	327°, 40%, 100%
XYZ	64.1399, 48.6459, 66.3307
YIQ	189.8820, 42.8160, 39.0400

Conversions

Conversions Part 2

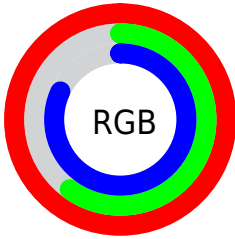
Format	Color
R _{YB}	255, 153, 209
Decimal	16751057
CIE Lab	75.23, 45.33, -12.25
CIE LCh	75, 46.955, 344.878
Yxy	48.6459, 0.3581, 0.2716
Android (android.graphics.Color)	4294941137 (0xFFFF99D1)
YUV	189.8820, 9.4252, 57.1085
Hunter-Lab	69.7466, 42.0944, -7.5636

Details

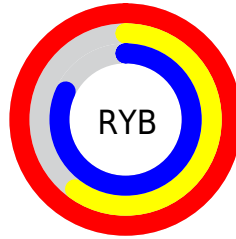
The XYZ color **64.1399, 48.6459, 66.3307** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.2075, 82.4167, 66.8235**, and the grayscale version is **48.8071, 51.3488, 55.9189**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **33.1432, 23.0260, 33.7080** is the 20% darker color. If you saturate the color by 10%, you get **59.0304, 40.6241, 57.8545**, and if you desaturate by 10%, it is **70.2461, 58.4966, 75.6475**.

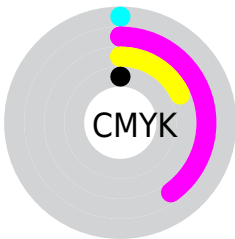
Distribution



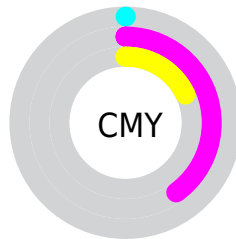
- Red (100%)
- Green (60%)
- Blue (82%)



- Red (100%)
- Yellow (60%)
- Blue (82%)



- Cyan (0%)
- Magenta (40%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1399, 48.6459, 66.3307 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 64.1399, 48.6459, 66.3307 by changing the saturation by 10% instead.


 64.1399, 48.6459,
66.3307

 64.1399, 48.6459,
66.3307


429.2889,
381.3466, 465.9951

 47.0261, 34.3387,
48.0827

 109.8850, 88.1653,
115.5924

 33.2643, 23.1539,
33.5319


 139.2470,
114.1463, 147.4431

 22.4892, 14.7072,
22.2598


173.4225,
144.7873, 184.6653

 14.3354, 8.6141,
13.8478

212.7767,
180.4727, 227.6773

 8.4376, 4.4904,
7.8773

257.6751,
221.5870, 276.8978

 4.4303, 1.9515,
3.9299

308.4831,

 1.9484, 0.5790,

268.5144, 332.7452

1.5870

365.5659,
321.6395, 395.6381

■ 0.6047, 0.0000,
0.2815

■ 0.0000, 0.0000,
0.0000

■ 64.1399, 48.6459,
66.3307

■ 64.1399, 48.6459,
66.3307

■ 59.0304, 40.6241,
57.8545

■ 70.2461, 58.4966,
75.6475

■ 54.8549, 34.3092,
50.1856

■ 77.4001, 70.2750,
85.8304

■ 51.5483, 29.5744,
43.2918

■ 85.6533, 84.0807,
96.9071

■ 49.0349, 26.2725,
37.1366

95.0500, 100.0000,
108.9000

■ 47.2251, 24.2277,
31.6783

■ 45.9736, 23.1535,
26.8563

■ 45.9733, 23.1533,
26.8552

Harmonies

Analogous

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



58.9356, 48.6459, 94.1921



64.1399, 48.6459, 66.3307



64.1627, 48.6459, 41.6974

Triad

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



64.1399, 48.6459, 66.3307



42.1128, 48.6459, 19.0769



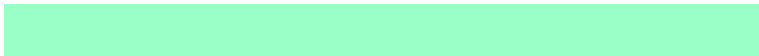
35.4648, 48.6459, 93.9822

Complementary

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



64.1399, 48.6459, 66.3307



59.2075, 82.4167, 66.8235

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.



32.0050, 48.6459, 66.1039



64.1399, 48.6459, 66.3307



35.5067, 48.6459, 25.9629

Square

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



64.1399, 48.6459, 66.3307



50.6934, 48.6459, 19.1035



32.0193, 48.6459, 41.5310



42.0487, 48.6459, 113.2240

Rectangle

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



64.1399, 48.6459, 66.3307



61.1988, 48.6459, 30.2091



32.0193, 48.6459, 41.5310



33.9362, 48.6459, 84.9856

Sweetspot

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



64.1410, 48.6480, 66.3317



83.9103, 81.1494, 94.6162



52.9698, 42.1334, 99.9485



17.7221, 16.9697, 19.9361



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.



64.1410, 48.6480, 66.3317



59.9746, 42.0864, 59.4823



58.8129, 46.5168, 38.2745



18.4267, 18.1540, 20.8640



24.0984, 12.1287, 14.4346



2.4015, 1.2030, 1.6956

Inverse Universe

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



64.1410, 48.6480, 66.3317



59.9746, 42.0864, 59.4823



66.1377, 85.1888, 103.3178



18.4267, 18.1540, 20.8640



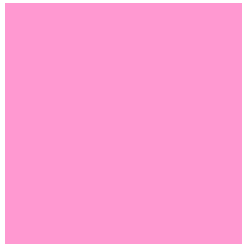
24.0984, 12.1287, 14.4346



2.4015, 1.2030, 1.6956

Previews

White Background



This preview shows how the XYZ color 64.1399, 48.6459, 66.3307 looks on a white background.

Color Contrast Check

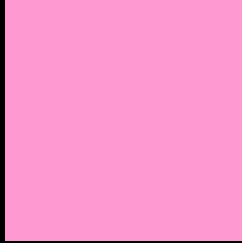
Large Text (above 18pt) WCAG AA × Fail

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 64.1399, 48.6459, 66.3307 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 64.1399, 48.6459, 66.3307

Background



This preview shows how black text looks on a background with the XYZ color 64.1399, 48.6459, 66.3307.



This preview shows how white text looks on a background with the XYZ color 64.1399, 48.6459,

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

64.1399, 48.6459, 66.3307

Protanopia

49.1026, 49.1081, 81.7537

Deuteranopia

49.9286, 49.0095, 63.9550



Tritanopia

59.8009, 48.6294, 45.2643

Trichromacy



Original Color

64.1399, 48.6459, 66.3307



Protanomaly

53.0302, 47.9984, 75.5769



Deuteranomaly

54.3188, 48.3338, 64.8590



Tritanomaly

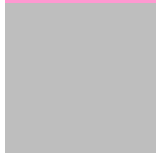
60.9588, 48.3122, 52.0112

Monochromacy



Original Color

64.1399, 48.6459, 66.3307



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

53.5317, 49.7716, 59.6088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1399, 48.6459, 66.3307 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, 153, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 209)  
}
```

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, 153, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 209) }
```

Border

The CSS property to change the border of an element to XYZ 64.1399, 48.6459, 66.3307 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, 153, 209) }
```


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

```
.border{ border-color:rgb(255, 153, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1399, 48.6459, 66.3307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 209) }
```

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

```
.background{ background-color: rgb(255,  
153, 209) }
```

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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