

Converting Colors

XYZ(64.7925, 50.7483, 64.0908)

Have a look what the booklet for
XYZ(64.7925, 50.7483, 64.0908)
contains.

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Color

**XYZ(64.8303, 50.8094,
64.1479)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA0CD
RGB	255, 160, 205
RGB Percent	100%, 63%, 80%
CMY	0.0000, 0.3725, 0.1961
CMYK	0.00, 0.37, 0.20, 0.00
HSL	332°, 100%, 81%
HSV	332°, 37%, 100%
XYZ	64.8303, 50.8094, 64.1479
YIQ	193.5350, 42.1750, 34.1350

Conversions

Conversions Part 2

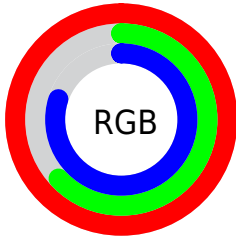
Format	Color
R _Y B	255, 160, 205
Decimal	16752845
CIE Lab	76.56, 41.15, -8.07
CIE LCh	77, 41.936, 348.904
Yxy	50.8094, 0.3606, 0.2826
Android (android.graphics.Color)	4294942925 (0xFFFFA0CD)
YUV	193.5350, 5.6522, 53.9048
Hunter-Lab	71.2807, 37.6057, -3.4606

Details

The XYZ color **64.8303, 50.8094, 64.1479** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.8920, 83.6476, 73.8598**, and the grayscale version is **50.9550, 53.6087, 58.3798**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **33.8696, 24.6201, 32.2452** is the 20% darker color. If you saturate the color by 10%, you get **59.3031, 42.2377, 54.6522**, and if you desaturate by 10%, it is **71.4054, 61.2543, 74.6798**.

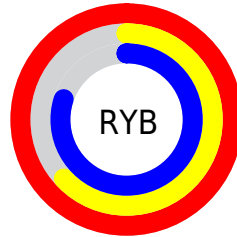
Distribution



Red (100%)

Green (63%)

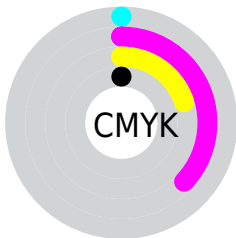
Blue (80%)



Red (100%)

Yellow (63%)

Blue (80%)

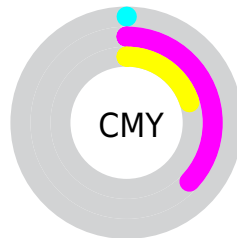


Cyan (0%)

Magenta (37%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8303, 50.8094, 64.1479 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 64.8303, 50.8094, 64.1479 by changing the saturation by 10% instead.


 64.8303, 50.8094,
64.1479


 64.8303, 50.8094,
64.1479


431.7367,
389.8228, 457.9457

 47.5877, 36.0569,
46.3235

 110.8729, 91.3730,
112.4254

 33.7104, 24.4782,
32.1507


 140.4036,
117.9529, 143.7157

 22.8330, 15.6887,
21.2109


174.7611,
149.2441, 180.3316

 14.5903, 9.3041,
13.0855

214.3106,
185.6309, 222.6918

 8.6168, 4.9401,
7.3560

259.4176,
227.4978, 271.2147

 4.5472, 2.2122,
3.6039


310.4473,

 2.0161, 0.7266,


275.2292, 326.3190


1.4107


367.7653,
329.2094, 388.4231


 0.6430, 0.0000,
0.1500


 0.0000, 0.0000,
0.0000


 64.8303, 50.8094,
64.1479


 64.8303, 50.8094,
64.1479


 59.3031, 42.2377,
54.6522


 71.4054, 61.2543,
74.6798

 54.7610, 35.4193,
46.1529

 79.0792, 73.6690,
86.2797

 51.1397, 30.2313,
38.6113

 87.9035, 88.1517,
98.9813

 48.3649, 26.5313,
31.9842

95.0500, 100.0000,
108.9000

■ 46.3499, 24.1524,
26.2230

■ 44.9840, 22.8793,
21.2706

■ 44.6779, 22.6352,
20.0338

Harmonies

Analogous

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



60.7016, 50.8094, 89.2265



64.8303, 50.8094, 64.1479



64.1794, 50.8094, 42.3623

Triad

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



64.8303, 50.8094, 64.1479



43.5254, 50.8094, 23.4705



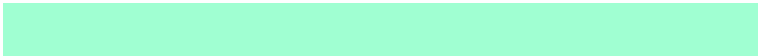
38.9587, 50.8094, 95.1266

Complementary

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



64.8303, 50.8094, 64.1479



61.8920, 83.6476, 73.8598

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.



35.2713, 50.8094, 70.6889



64.8303, 50.8094, 64.1479



37.7020, 50.8094, 31.3222

Square

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



64.8303, 50.8094, 64.1479



51.2833, 50.8094, 22.6134



34.8379, 50.8094, 47.3467



45.4209, 50.8094, 110.1029

Rectangle

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



64.8303, 50.8094, 64.1479



61.1389, 50.8094, 32.2053



34.8379, 50.8094, 47.3467



37.3853, 50.8094, 87.4798

Sweetspot

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



64.8315, 50.8116, 64.1489



84.4587, 82.4761, 94.0902



56.9409, 45.9317, 100.4723



17.8196, 17.2296, 19.7687



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.



64.8315, 50.8116, 64.1489



60.4601, 44.0115, 56.7029



60.4339, 49.4946, 39.6288



18.3676, 18.1303, 20.5529



23.4194, 11.8570, 10.8588



2.3350, 1.1764, 1.3454

Inverse Universe

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



64.8315, 50.8116, 64.1489



60.4601, 44.0115, 56.7029



67.8055, 85.2082, 107.4809



18.3676, 18.1303, 20.5529



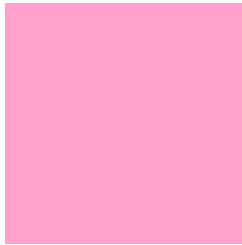
23.4194, 11.8570, 10.8588



2.3350, 1.1764, 1.3454

Previews

White Background



This preview shows how the XYZ color 64.8303, 50.8094, 64.1479 looks on a white background.

Color Contrast Check

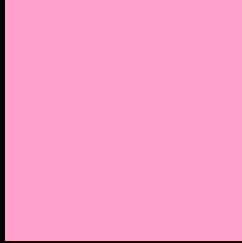
Large Text (above 18pt) WCAG AA × Fail

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 64.8303, 50.8094, 64.1479 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 64.8303, 50.8094, 64.1479

Background



This preview shows how black text looks on a background with the XYZ color 64.8303, 50.8094, 64.1479.



This preview shows how white text looks on a background with the XYZ color 64.8303, 50.8094,

64.1479.

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

64.8303, 50.8094, 64.1479

Protanopia

50.5939, 51.2392, 77.0356

Deuteranopia

52.0402, 51.0546, 62.3700



Tritanopia

61.5358, 50.7800, 48.1532

Trichromacy



Original Color

64.8303, 50.8094, 64.1479



Protanomaly

54.6096, 50.3540, 71.8068



Deuteranomaly

55.8094, 50.2964, 62.6438



Tritanomaly

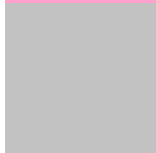
62.5748, 50.6649, 53.4950

Monochromacy



Original Color

64.8303, 50.8094, 64.1479



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

55.2399, 52.1320, 60.5771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8303, 50.8094, 64.1479 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, 160, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 205)  
}
```

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, 160, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 205) }
```

Border

The CSS property to change the border of an element to XYZ 64.8303, 50.8094, 64.1479 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, 160, 205) }
```


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

```
.border{ border-color:rgb(255, 160, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8303, 50.8094, 64.1479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 205) }
```

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

```
.background{ background-color: rgb(255,  
160, 205) }
```

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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