

Converting Colors

XYZ(67.3339, 51.9317, 65.1814)

Have a look what the booklet for
XYZ(67.3339, 51.9317, 65.1814)
contains.

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Color

**XYZ(64.7787, 50.5125,
64.7282)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9FCE
RGB	255, 159, 206
RGB Percent	100%, 62%, 81%
CMY	0.0000, 0.3764, 0.1922
CMYK	0.00, 0.38, 0.19, 0.00
HSL	331°, 100%, 81%
HSV	331°, 38%, 100%
XYZ	64.7787, 50.5125, 64.7282
YIQ	193.0620, 42.1290, 34.9690

Conversions

Conversions Part 2

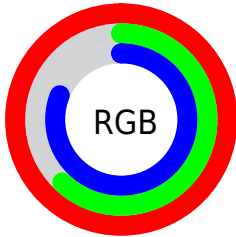
Format	Color
R _Y B	255, 159, 206
Decimal	16752590
CIE Lab	76.38, 41.81, -8.89
CIE LCh	76, 42.748, 348.002
Yxy	50.5125, 0.3598, 0.2806
Android (android.graphics.Color)	4294942670 (0xFFFF9FCE)
YUV	193.0620, 6.3784, 54.3196
Hunter-Lab	71.0721, 38.3175, -4.2472

Details

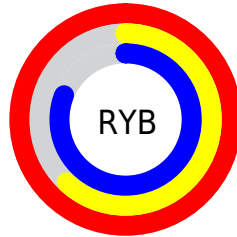
The XYZ color **64.7787, 50.5125, 64.7282** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.4452, 83.4459, 72.5462**, and the grayscale version is **50.6726, 53.3115, 58.0562**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **33.8475, 24.4454, 32.6402** is the 20% darker color. If you saturate the color by 10%, you get **59.3210, 42.0236, 55.4280**, and if you desaturate by 10%, it is **71.2743, 60.8671, 75.0217**.

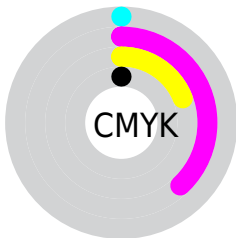
Distribution



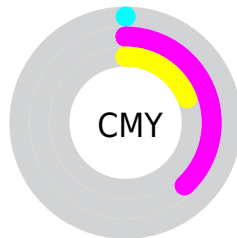
- Red (100%)
- Green (62%)
- Blue (81%)



- Red (100%)
- Yellow (62%)
- Blue (81%)



- Cyan (0%)
- Magenta (38%)
- Yellow (19%)
- Black (0%)




- Cyan (0%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.7787, 50.5125, 64.7282 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 64.7787, 50.5125, 64.7282 by changing the saturation by 10% instead.


 64.7787, 50.5125,
64.7282


 64.7787, 50.5125,
64.7282


431.5541,
388.6668, 460.0940

 47.5457, 35.8208,
46.7908


 110.7991, 90.9338,
113.2685

 33.6770, 24.2958,
32.5171


 140.3172,
117.4321, 144.7085

 22.8073, 15.5532,
21.4887


174.6611,
148.6347, 181.4865

 14.5712, 9.2085,
13.2870

214.1961,
184.9261, 224.0209

 8.6033, 4.8775,
7.4934

259.2875,
226.6906, 272.7303

 4.5384, 2.1755,
3.6895

310.3007,

 2.0110, 0.7066,

274.3126, 328.0333

1.4566

367.6011,
328.1765, 390.3483

■ 0.6401, 0.0000,
0.1853

■ 0.0000, 0.0000,
0.0000

■ 64.7787, 50.5125,
64.7282

■ 64.7787, 50.5125,
64.7282

■ 59.3210, 42.0236,
55.4280

■ 71.2743, 60.8671,
75.0217

■ 54.8383, 35.2805,
47.0827

■ 78.8584, 73.1844,
86.3386

■ 51.2663, 30.1595,
39.6554

■ 87.5825, 87.5627,
98.7112

■ 48.5309, 26.5179,
33.1045

95.0500, 100.0000,
108.9000

■ 46.5451, 24.1873,
27.3835

■ 45.1951, 22.9464,
22.4359

■ 44.9313, 22.7365,
21.3682

Harmonies

Analogous

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



60.4426, 50.5125, 90.2685



64.7787, 50.5125, 64.7282



64.2683, 50.5125, 42.4180

Triad

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



64.7787, 50.5125, 64.7282



43.3889, 50.5125, 22.7198



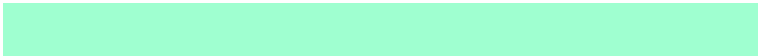
38.3901, 50.5125, 94.9087

Complementary

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



64.7787, 50.5125, 64.7282



61.4452, 83.4459, 72.5462

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.



34.7557, 50.5125, 69.8512



64.7787, 50.5125, 64.7282



37.4121, 50.5125, 30.3721

Square

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



64.7787, 50.5125, 64.7282



51.2972, 50.5125, 22.0605



34.4189, 50.5125, 46.2980



44.8675, 50.5125, 110.6804

Rectangle

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



64.7787, 50.5125, 64.7282



61.2544, 50.5125, 31.9924



34.4189, 50.5125, 46.2980



36.8282, 50.5125, 87.0167

Sweetspot

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



64.7799, 50.5148, 64.7292



84.5251, 82.5027, 94.4400



56.1823, 45.2843, 100.3874



17.8355, 17.2359, 19.8520



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.



64.7799, 50.5148, 64.7292



60.6671, 44.0943, 57.7933



59.8978, 48.5619, 39.0202



18.3800, 18.1353, 20.6183



23.5525, 11.9103, 11.5600



2.3482, 1.1817, 1.4152

Inverse Universe

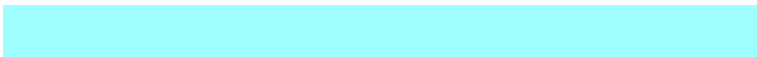
The Inverse Universe completely reimagines the original color for something new.



64.7799, 50.5148, 64.7292



60.6671, 44.0943, 57.7933



68.1093, 86.1116, 107.6392



18.3800, 18.1353, 20.6183



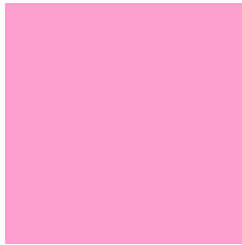
23.5525, 11.9103, 11.5600



2.3482, 1.1817, 1.4152

Previews

White Background



This preview shows how the XYZ color 64.7787, 50.5125, 64.7282 looks on a white background.

Color Contrast Check

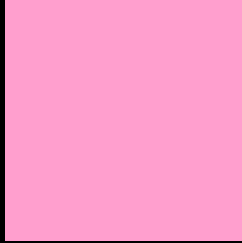
Large Text (above 18pt) WCAG AA × Fail

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 64.7787, 50.5125, 64.7282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

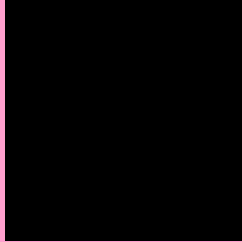
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7787, 50.5125, 64.7282

Background



This preview shows how black text looks on a background with the XYZ color 64.7787, 50.5125, 64.7282.



This preview shows how white text looks on a background with the XYZ color 64.7787, 50.5125,

64.7282.

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

64.7787, 50.5125, 64.7282

Protanopia

50.2809, 50.7462, 77.6659

Deuteranopia

51.6816, 50.5487, 62.9101



Tritanopia

61.3562, 50.4207, 48.0933

Trichromacy



Original Color

64.7787, 50.5125, 64.7282



Protanomaly

54.2590, 49.8639, 72.4106



Deuteranomaly

55.7343, 49.9561, 63.2049



Tritanomaly

62.5054, 50.3541, 54.0019

Monochromacy



Original Color

64.7787, 50.5125, 64.7282



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

55.0358, 51.7239, 60.5091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7787, 50.5125, 64.7282 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, 159, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 206)  
}
```

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, 159, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 206) }
```

Border

The CSS property to change the border of an element to XYZ 64.7787, 50.5125, 64.7282 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, 159, 206) }
```


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

```
.border{ border-color:rgb(255, 159, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7787, 50.5125, 64.7282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 206) }
```

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

```
.background{ background-color: rgb(255,  
159, 206) }
```

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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