

Converting Colors

XYZ(84.7124, 60.6442, 67.6932)

Have a look what the booklet for
XYZ(84.7124, 60.6442, 67.6932)
contains.

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Color

**XYZ(65.1468, 50.6597,
66.6663)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9FD1
RGB	255, 159, 209
RGB Percent	100%, 62%, 82%
CMY	0.0000, 0.3764, 0.1804
CMYK	0.00, 0.38, 0.18, 0.00
HSL	329°, 100%, 81%
HSV	329°, 38%, 100%
XYZ	65.1468, 50.6597, 66.6663
YIQ	193.4040, 41.1660, 35.9020

Conversions

Conversions Part 2

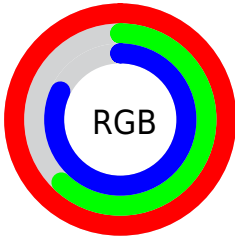
Format	Color
R _Y B	255, 159, 209
Decimal	16752593
CIE Lab	76.47, 42.26, -10.39
CIE LCh	76, 43.519, 346.182
Yxy	50.6597, 0.3570, 0.2776
Android (android.graphics.Color)	4294942673 (0xFFFF9FD1)
YUV	193.4040, 7.6888, 54.0197
Hunter-Lab	71.1756, 38.8231, -5.7107

Details

The XYZ color **65.1468, 50.6597, 66.6663** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.0794, 83.2996, 70.6201**, and the grayscale version is **50.8666, 53.5156, 58.2785**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **34.0964, 24.5449, 33.9509** is the 20% darker color. If you saturate the color by 10%, you get **59.7500, 42.1952, 57.6876**, and if you desaturate by 10%, it is **71.5664, 60.9839, 76.5597**.

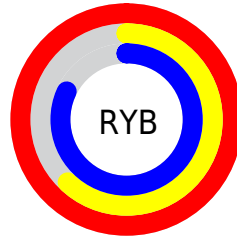
Distribution



Red (100%)

Green (62%)

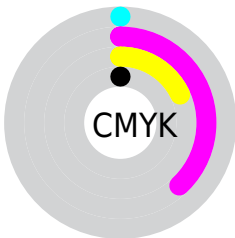
Blue (82%)



Red (100%)

Yellow (62%)

Blue (82%)

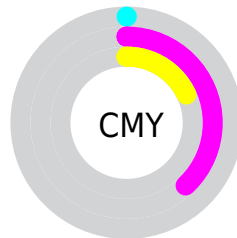


Cyan (0%)

Magenta (38%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1468, 50.6597, 66.6663 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 65.1468, 50.6597, 66.6663 by changing the saturation by 10% instead.


 65.1468, 50.6597,
66.6663


 65.1468, 50.6597,
66.6663


432.8562,
389.2402, 467.2251

 47.8453, 35.9379,
48.3536

 111.3254, 91.1516,
116.0782

 33.9151, 24.3862,
33.7450


 140.9332,
117.6904, 148.0145

 22.9910, 15.6204,
22.4220


175.3738,
148.9369, 185.3291

 14.7075, 9.2559,
13.9660

215.0126,
185.2757, 228.4405

 8.6993, 4.9085,
7.9586

260.2148,
227.0910, 277.7673

 4.6011, 2.1937,
3.9811

311.3459,

 2.0475, 0.7165,

274.7672, 333.7279

1.6150

368.7713,
328.6888, 396.7411

■ 0.6604, 0.0000,
0.3015

■ 0.0000, 0.0000,
0.0000

■ 65.1468, 50.6597,
66.6663

■ 65.1468, 50.6597,
66.6663

■ 59.7500, 42.1952,
57.6876

■ 71.5664, 60.9839,
76.5597

■ 55.3140, 35.4708,
49.5883

■ 79.0590, 73.2646,
87.3950

■ 51.7750, 30.3630,
42.3346

■ 87.6757, 87.5998,
99.2019

■ 49.0594, 26.7293,
35.8881

95.0500, 100.0000,
108.9000

■ 47.0811, 24.4017,
30.2060

■ 45.7268, 23.1590,
25.2356

■ 45.4603, 22.9481,
24.1540

Harmonies

Analogous

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



60.4505, 50.6597, 92.7157



65.1468, 50.6597, 66.6663



64.9410, 50.6597, 43.5050

Triad

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



65.1468, 50.6597, 66.6663



43.8875, 50.6597, 22.1586



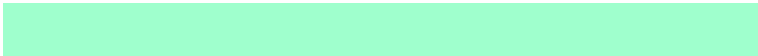
38.0355, 50.6597, 94.5911

Complementary

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



65.1468, 50.6597, 66.6663



61.0794, 83.2996, 70.6201

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.



34.5365, 50.6597, 68.7297



65.1468, 50.6597, 66.6663



37.6436, 50.6597, 29.4244

Square

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



65.1468, 50.6597, 66.6663



52.0164, 50.6597, 21.8970



34.4018, 50.6597, 45.0599



44.4811, 50.6597, 111.6741

Rectangle

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



65.1468, 50.6597, 66.6663



62.0353, 50.6597, 32.5604



34.4018, 50.6597, 45.0599



36.5095, 50.6597, 86.3529

Sweetspot

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



65.1479, 50.6619, 66.6673



84.6562, 82.5551, 95.1303



55.2972, 44.8280, 100.3459



17.8667, 17.2484, 20.0164



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.



65.1479, 50.6619, 66.6673



61.0815, 44.2601, 59.9754



60.1791, 48.6744, 40.5018



18.4045, 18.1451, 20.7473



23.8300, 12.0213, 13.0211



2.3755, 1.1926, 1.5587

Inverse Universe

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



65.1479, 50.6619, 66.6673



61.0815, 44.2601, 59.9754



67.5983, 85.9072, 104.9485



18.4045, 18.1451, 20.7473



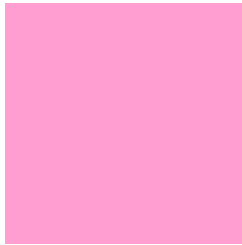
23.8300, 12.0213, 13.0211



2.3755, 1.1926, 1.5587

Previews

White Background



This preview shows how the XYZ color 65.1468, 50.6597, 66.6663 looks on a white background.

Color Contrast Check

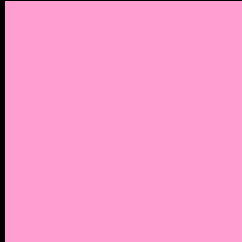
Large Text (above 18pt) WCAG AA × Fail

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 65.1468, 50.6597, 66.6663 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 65.1468, 50.6597, 66.6663

Background



This preview shows how black text looks on a background with the XYZ color 65.1468, 50.6597, 66.6663.



This preview shows how white text looks on a background with the XYZ color 65.1468, 50.6597,

66.6663.

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

65.1468, 50.6597, 66.6663

Protanopia

50.5963, 50.8454, 80.5462

Deuteranopia

51.9794, 50.9681, 64.8558



Tritanopia

61.5358, 50.7800, 48.1532

Trichromacy



Original Color

65.1468, 50.6597, 66.6663



Protanomaly

54.5054, 49.9301, 75.1713



Deuteranomaly

55.9858, 50.3318, 65.1568



Tritanomaly

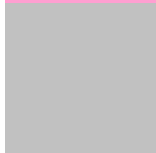
62.7905, 50.7512, 54.6306

Monochromacy



Original Color

65.1468, 50.6597, 66.6663



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

55.1516, 51.7702, 61.1187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1468, 50.6597, 66.6663 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 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, 159, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 209) }
```

Border

The CSS property to change the border of an element to XYZ 65.1468, 50.6597, 66.6663 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, 209) }
```


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

```
.border{ border-color:rgb(255, 159, 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, 159, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1468, 50.6597, 66.6663 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, 209) }
```

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

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