

Converting Colors

XYZ(148.1677, 92.8638,
71.5072)

Have a look what the booklet for
XYZ(148.1677, 92.8638, 71.5072)
contains.

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Color

**XYZ(65.0548, 50.0771,
67.8651)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9DD3
RGB	255, 157, 211
RGB Percent	100%, 62%, 83%
CMY	0.0000, 0.3843, 0.1725
CMYK	0.00, 0.38, 0.17, 0.00
HSL	327°, 100%, 81%
HSV	327°, 38%, 100%
XYZ	65.0548, 50.0771, 67.8651
YIQ	192.4580, 41.0740, 37.5700

Conversions

Conversions Part 2

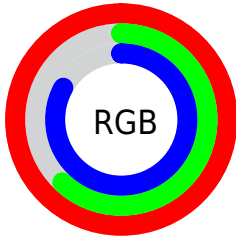
Format	Color
R _Y B	255, 157, 211
Decimal	16752083
CIE Lab	76.12, 43.59, -12.02
CIE LCh	76, 45.212, 344.583
Yxy	50.0771, 0.3555, 0.2736
Android (android.graphics.Color)	4294942163 (0xFFFF9DD3)
YUV	192.4580, 9.1412, 54.8493
Hunter-Lab	70.7652, 40.2569, -7.3246

Details

The XYZ color **65.0548, 50.0771, 67.8651** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.2092, 82.9061, 68.0909**, and the grayscale version is **50.3033, 52.9229, 57.6331**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **33.8770, 23.9711, 34.2939** is the 20% darker color. If you saturate the color by 10%, you get **59.7975, 41.7782, 59.2815**, and if you desaturate by 10%, it is **71.3172, 60.2219, 77.2894**.

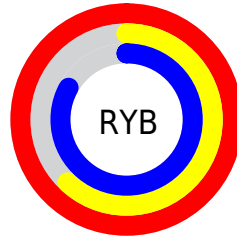
Distribution



Red (100%)

Green (62%)

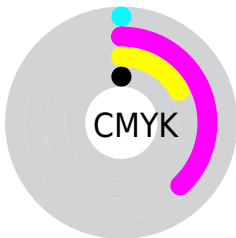
Blue (83%)



Red (100%)

Yellow (62%)

Blue (83%)

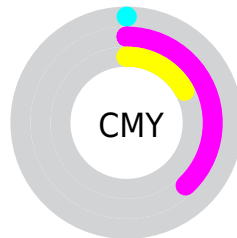


Cyan (0%)

Magenta (38%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0548, 50.0771, 67.8651 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 65.0548, 50.0771, 67.8651 by changing the saturation by 10% instead.

 65.0548, 50.0771,
67.8651


 65.0548, 50.0771,
67.8651


432.5310,
386.9674, 471.6030

 47.7704, 35.4747,
49.3220


 111.1939, 90.2891,
117.8115

 33.8556, 24.0287,
34.5076


 140.7793,
116.6675, 150.0519

 22.9450, 15.3549,
23.0033


175.1958,
147.7399, 187.6952

 14.6734, 9.0689,
14.3906

214.8086,
183.8908, 231.1598

 8.6753, 4.7861,
8.2510

259.9832,
225.5047, 280.8644

 4.5854, 2.1223,
4.1659

311.0849,

 2.0384, 0.6771,

272.9658, 337.2274

1.7168

368.4790,
326.6585, 400.6674

■ 0.6554, 0.0000,
0.3722

■ 0.0000, 0.0000,
0.0000

■ 65.0548, 50.0771,
67.8651

■ 65.0548, 50.0771,
67.8651

■ 59.7975, 41.7782,
59.2815

■ 71.3172, 60.2219,
77.2894

■ 55.4828, 35.2046,
51.5055

■ 78.6344, 72.3097,
87.5792

■ 52.0471, 30.2323,
44.5058

■ 87.0573, 86.4389,
98.7621

■ 49.4165, 26.7170,
38.2466

95.0500, 100.0000,
108.9000

■ 47.5041, 24.4886,
32.6874

■ 46.1888, 23.3091,
27.7757

■ 46.0110, 23.1684,
27.0536

Harmonies

Analogous

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



59.9466, 50.0771, 94.8704



65.0548, 50.0771, 67.8651



65.1303, 50.0771, 43.6212

Triad

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



65.0548, 50.0771, 67.8651



43.6192, 50.0771, 20.7352



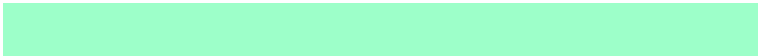
36.9300, 50.0771, 94.1788

Complementary

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



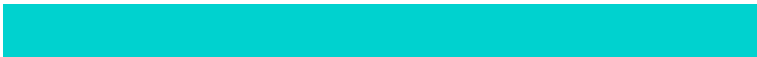
65.0548, 50.0771, 67.8651



60.2092, 82.9061, 68.0909

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.



33.5315, 50.0771, 67.1104



65.0548, 50.0771, 67.8651



37.0715, 50.0771, 27.6296

Square

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



65.0548, 50.0771, 67.8651



52.0514, 50.0771, 20.8274



33.5800, 50.0771, 43.0595



43.4039, 50.0771, 112.8621

Rectangle

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



65.0548, 50.0771, 67.8651



62.2775, 50.0771, 32.1353



33.5800, 50.0771, 43.0595



35.4260, 50.0771, 85.4571

Sweetspot

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



65.0561, 50.0793, 67.8661



83.9194, 81.1530, 94.6644



53.7863, 43.5427, 100.1775



17.7243, 16.9706, 19.9475



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.



65.0561, 50.0793, 67.8661



60.9856, 43.6310, 61.2910



59.9574, 48.0399, 41.0168



18.4283, 18.1546, 20.8723



24.1181, 12.1365, 14.5383



2.4034, 1.2037, 1.7056

Inverse Universe

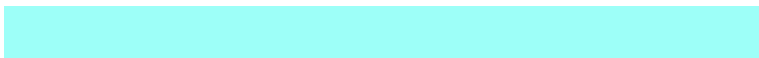
The Inverse Universe completely reimagines the original color for something new.



65.0561, 50.0793, 67.8661



60.9856, 43.6310, 61.2910



66.6818, 85.4951, 102.1751



18.4283, 18.1546, 20.8723



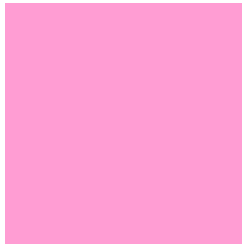
24.1181, 12.1365, 14.5383



2.4034, 1.2037, 1.7056

Previews

White Background



This preview shows how the XYZ color 65.0548, 50.0771, 67.8651 looks on a white background.

Color Contrast Check

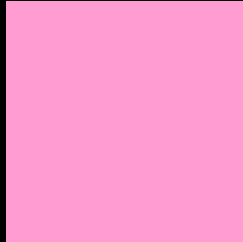
Large Text (above 18pt) WCAG AA × Fail

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 65.0548, 50.0771, 67.8651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

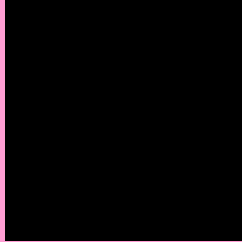
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0548, 50.0771, 67.8651

Background



This preview shows how black text looks on a background with the XYZ color 65.0548, 50.0771, 67.8651.



This preview shows how white text looks on a background with the XYZ color 65.0548, 50.0771,

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

65.0548, 50.0771, 67.8651

Protanopia

50.2019, 50.2960, 81.9251

Deuteranopia

51.3628, 50.3290, 65.3999



Tritanopia

60.8956, 50.1947, 47.5533

Trichromacy



Original Color

65.0548, 50.0771, 67.8651



Protanomaly

54.1029, 49.1095, 76.4396



Deuteranomaly

55.7346, 49.8862, 66.3660



Tritanomaly

62.0751, 49.8593, 54.4962

Monochromacy



Original Color

65.0548, 50.0771, 67.8651



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

54.4532, 50.8108, 60.9703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0548, 50.0771, 67.8651 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, 157, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 211)  
}
```

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, 157, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 211) }
```

Border

The CSS property to change the border of an element to XYZ 65.0548, 50.0771, 67.8651 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, 157, 211) }
```


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

```
.border{ border-color:rgb(255, 157, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0548, 50.0771, 67.8651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 211) }
```

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

```
.background{ background-color: rgb(255,  
157, 211) }
```

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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