

Converting Colors

XYZ(67.0009, 54.9223, 65.5757)

Have a look what the booklet for
XYZ(67.0009, 54.9223, 65.5757)
contains.

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Color

**XYZ(66.9435, 54.8421,
65.4498)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFABCE |
| RGB | 255, 171, 206 |
| RGB Percent | 100%, 67%, 81% |
| CMY | 0.0000, 0.3294, 0.1922 |
| CMYK | 0.00, 0.33, 0.19, 0.00 |
| HSL | 335°, 100%, 84% |
| HSV | 335°, 33%, 100% |
| XYZ | 66.9435, 54.8421, 65.4498 |
| YIQ | 200.1060, 38.8290, 28.6930 |

Conversions

Conversions Part 2

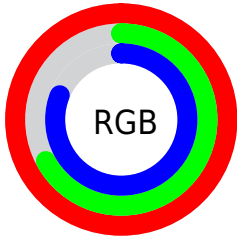
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 171, 206 |
| Decimal | 16755662 |
| CIE Lab | 78.95, 35.60, -5.08 |
| CIE LCh | 79, 35.956, 351.874 |
| Yxy | 54.8421, 0.3575, 0.2929 |
| Android (android.graphics.Color) | 4294945742 (0xFFFFABCE) |
| YUV | 200.1060, 2.9057, 48.1420 |
| Hunter-Lab | 74.0555, 31.7606, -0.5614 |

Details

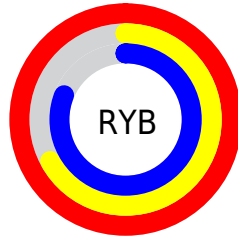
The XYZ color **66.9435, 54.8421, 65.4498** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.4750, 85.3462, 80.7364**, and the grayscale version is **54.9322, 57.7930, 62.9365**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **35.1719, 27.0942, 33.0817** is the 20% darker color. If you saturate the color by 10%, you get **60.8607, 45.4330, 54.9243**, and if you desaturate by 10%, it is **74.1291, 66.1826, 77.1882**.

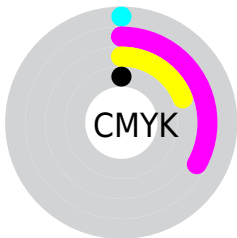
Distribution



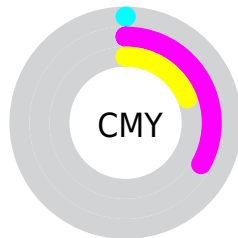
- Red (100%)
- Green (67%)
- Blue (81%)



- Red (100%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (33%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.9435, 54.8421, 65.4498 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 66.9435, 54.8421, 65.4498 by changing the saturation by 10% instead.


 66.9435, 54.8421,
65.4498

 66.9435, 54.8421,
65.4498


439.1793,
405.3131, 462.7570

 49.3092, 39.2753,
47.3722


 113.8897, 97.3096,
114.3157

 35.0804, 26.9740,
32.9736


143.9323,
124.9790, 145.9412

 23.8916, 17.5537,
21.8352


178.8418,
157.4515, 182.9197

 15.3775, 10.6300,
13.5387

218.9835,
195.1114, 225.6698

 9.1728, 5.8186,
7.6655

264.7227,
238.3432, 274.6101

 4.9121, 2.7351,
3.7970


316.4249,

 2.2300, 0.9951,


287.5311, 330.1590


1.5146


374.4553,
343.0596, 392.7351


 0.7585, 0.0000,
0.2288


 0.0000, 0.0000,
0.0000


 66.9435, 54.8421,
65.4498


 66.9435, 54.8421,
65.4498


 60.8607, 45.4330,
54.9243

 74.1291, 66.1826,
77.1882

 55.8184, 37.8390,
45.5655

 82.4674, 79.5477,
90.1764

 51.7539, 31.9422,
37.3290

 92.0099, 95.0333,
104.4539

 48.5957, 27.6079,
30.1652

95.0500, 100.0000,
108.9000

■ 46.2614, 24.6804,
24.0200

■ 44.6524, 22.9712,
18.8320

■ 43.8541, 22.3056,
15.6958

Harmonies

Analogous

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



63.6973, 54.8421, 87.4487



66.9435, 54.8421, 65.4498



65.9429, 54.8421, 46.2216

Triad

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



66.9435, 54.8421, 65.4498



47.1730, 54.8421, 30.1370



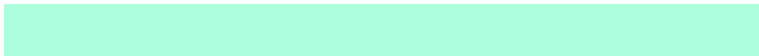
44.0955, 54.8421, 96.3212

Complementary

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



66.9435, 54.8421, 65.4498



65.4750, 85.3462, 80.7364

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.



40.3876, 54.8421, 75.6050



66.9435, 54.8421, 65.4498



42.0480, 54.8421, 38.5669

Square

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



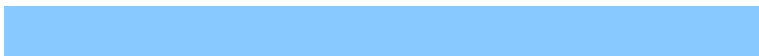
66.9435, 54.8421, 65.4498



54.0919, 54.8421, 28.6181



39.6738, 54.8421, 54.3230



50.2078, 54.8421, 107.7477

Rectangle

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



66.9435, 54.8421, 65.4498



63.0395, 54.8421, 37.1127



39.6738, 54.8421, 54.3230



42.5505, 54.8421, 90.0155

Sweetspot

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



66.9448, 54.8445, 65.4509



85.1445, 83.8744, 94.2366



62.1301, 51.5643, 101.2860



17.9476, 17.5047, 19.7519



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.



66.9448, 54.8445, 65.4509



62.5378, 48.0051, 57.8946



64.5129, 56.0437, 45.9486



18.3233, 18.1126, 20.3194



22.9850, 11.6833, 8.5715



2.2909, 1.1587, 1.1134

Inverse Universe

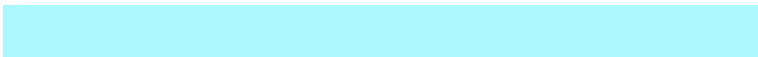
The Inverse Universe completely reimagines the original color for something new.



66.9448, 54.8445, 65.4509



62.5378, 48.0051, 57.8946



68.4136, 83.0138, 107.0252



18.3233, 18.1126, 20.3194



22.9850, 11.6833, 8.5715



2.2909, 1.1587, 1.1134

Previews

White Background



This preview shows how the XYZ color 66.9435, 54.8421, 65.4498 looks on a white background.

Color Contrast Check

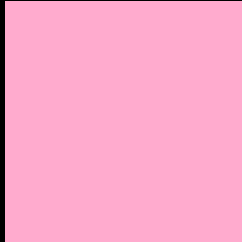
Large Text (above 18pt) WCAG AA × Fail

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 66.9435, 54.8421, 65.4498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

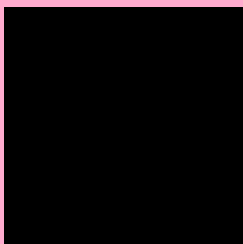
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9435, 54.8421, 65.4498

Background



This preview shows how black text looks on a background with the XYZ color 66.9435, 54.8421, 65.4498.



This preview shows how white text looks on a background with the XYZ color 66.9435, 54.8421,

65.4498.

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

66.9435, 54.8421, 65.4498

Protanopia

54.0812, 55.0105, 76.1743

Deuteranopia

56.3443, 55.1358, 64.1725



Tritanopia

64.6137, 54.7426, 54.1746

Trichromacy



Original Color

66.9435, 54.8421, 65.4498



Protanomaly

57.9779, 54.5228, 72.4339



Deuteranomaly

59.8275, 54.7206, 64.5356



Tritanomaly

65.5542, 54.8530, 58.1715

Monochromacy



Original Color

66.9435, 54.8421, 65.4498



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.3735, 55.8751, 63.5855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9435, 54.8421, 65.4498 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, 171, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 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, 171, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 206) }
```

Border

The CSS property to change the border of an element to XYZ 66.9435, 54.8421, 65.4498 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, 171, 206) }
```


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

```
.border{ border-color:rgb(255, 171, 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, 171, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9435, 54.8421, 65.4498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 206) }
```

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

```
.background{ background-color: rgb(255,  
171, 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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