

Converting Colors

XYZ(73.5692, 57.6432, 66.1486)

Have a look what the booklet for
XYZ(73.5692, 57.6432, 66.1486)
contains.

XYZ(66.6905, 54.1409, 65.9668)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.6905, 54.1409,
65.9668)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9CF
RGB	255, 169, 207
RGB Percent	100%, 66%, 81%
CMY	0.0000, 0.3372, 0.1882
CMYK	0.00, 0.34, 0.19, 0.00
HSL	333°, 100%, 83%
HSV	333°, 34%, 100%
XYZ	66.6905, 54.1409, 65.9668
YIQ	199.0460, 39.0580, 30.0500

Conversions

Conversions Part 2

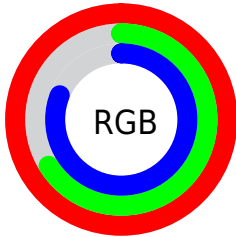
Format	Color
R_{YB}	255, 169, 207
Decimal	16755151
CIE _{Lab}	78.54, 36.79, -6.23
CIE _{LCh}	79, 37.309, 350.393
Yxy	54.1409, 0.3570, 0.2898
Android (android.graphics.Color)	4294945231 (0xFFFFA9CF)
YUV	199.0460, 3.9213, 49.0717
Hunter-Lab	73.5805, 33.0196, -1.6487

Details

The XYZ color **66.6905, 54.1409, 65.9668** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.6485, 84.9657, 78.6417**, and the grayscale version is **54.2755, 57.1020, 62.1841**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **35.0211, 26.6610, 33.4373** is the 20% darker color. If you saturate the color by 10%, you get **60.7384, 44.8971, 55.7812**, and if you desaturate by 10%, it is **73.7270, 65.3022, 77.2892**.

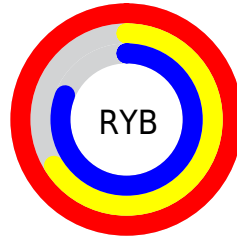
Distribution



Red (100%)

Green (66%)

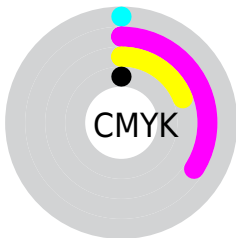
Blue (81%)



Red (100%)

Yellow (66%)

Blue (81%)

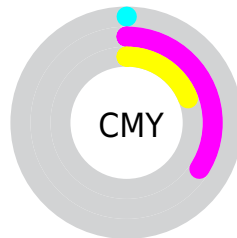


Cyan (0%)

Magenta (34%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.6905, 54.1409, 65.9668 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 66.6905, 54.1409, 65.9668 by changing the saturation by 10% instead.


 66.6905, 54.1409,
65.9668


 66.6905, 54.1409,
65.9668


438.2921,
402.6471, 464.6591


 49.1029, 38.7143,
47.7891


 113.5291, 96.2811,
115.0652

 34.9160, 26.5376,
33.3011

 143.5108,
123.7635, 146.8231

 23.7644, 17.2262,
22.0842


 178.3545,
156.0333, 183.9447

 15.2827, 10.3959,
13.7199

 218.4258,
193.4749, 226.8487

 9.1057, 5.6622,
7.7896

 264.0898,
236.4727, 275.9537

 4.8678, 2.6408,
3.8748


 315.7119,

 2.2039, 0.9472,


285.4110, 331.6780


1.5569


373.6576,
340.6744, 394.4403


 0.7448, 0.0000,
0.2598


 0.0000, 0.0000,
0.0000


 66.6905, 54.1409,
65.9668


 66.6905, 54.1409,
65.9668

 60.7384, 44.8971,
55.7812


 73.7270, 65.3022,
77.2892

 55.8088, 37.4542,
46.6894

 81.8979, 78.4748,
89.7826

 51.8392, 31.6935,
38.6501

 91.2542, 93.7548,
103.4836

 48.7580, 27.4792,
31.6172

95.0500, 100.0000,
108.9000

■ 46.4828, 24.6540,
25.5399

■ 44.9136, 23.0261,
20.3605

■ 44.2020, 22.4448,
17.5275

Harmonies

Analogous

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



63.1345, 54.1409, 88.7040



66.6905, 54.1409, 65.9668



65.8765, 54.1409, 45.9405

Triad

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



66.6905, 54.1409, 65.9668



46.6898, 54.1409, 28.5671



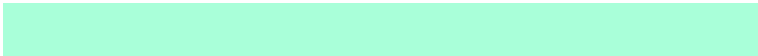
42.9645, 54.1409, 95.9581

Complementary

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



66.6905, 54.1409, 65.9668



64.6485, 84.9657, 78.6417

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.



39.3158, 54.1409, 74.2099



66.6905, 54.1409, 65.9668



41.3202, 54.1409, 36.7273

Square

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



66.6905, 54.1409, 65.9668



53.8543, 54.1409, 27.3692



38.7440, 54.1409, 52.4497



49.1364, 54.1409, 108.5443

Rectangle

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



66.6905, 54.1409, 65.9668



62.9917, 54.1409, 36.4178



38.7440, 54.1409, 52.4497



41.4280, 54.1409, 89.2638

Sweetspot

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



66.6917, 54.1433, 65.9679



85.2402, 83.9127, 94.7407



60.6475, 50.2433, 101.1092



17.9707, 17.5140, 19.8736



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.



66.6917, 54.1433, 65.9679



62.8320, 48.1228, 59.4437



63.4043, 54.1294, 44.6454



18.3428, 18.1204, 20.4224



23.1687, 11.7568, 9.5389



2.3097, 1.1663, 1.2125

Inverse Universe

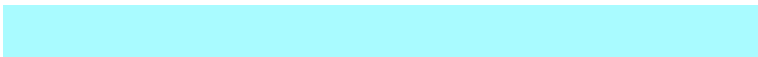
The Inverse Universe completely reimagines the original color for something new.



66.6917, 54.1433, 65.9679



62.8320, 48.1228, 59.4437



68.8171, 84.4630, 107.2837



18.3428, 18.1204, 20.4224



23.1687, 11.7568, 9.5389



2.3097, 1.1663, 1.2125

Previews

White Background



This preview shows how the XYZ color 66.6905, 54.1409, 65.9668 looks on a white background.

Color Contrast Check

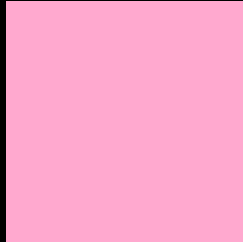
Large Text (above 18pt) WCAG AA × Fail

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 66.6905, 54.1409, 65.9668 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 66.6905, 54.1409, 65.9668

Background



This preview shows how black text looks on a background with the XYZ color 66.6905, 54.1409, 65.9668.



This preview shows how white text looks on a background with the XYZ color 66.6905, 54.1409,

65.9668.

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

66.6905, 54.1409, 65.9668

Protanopia

53.4900, 54.3610, 76.7807

Deuteranopia

55.5554, 54.4086, 64.0737



Tritanopia

64.3145, 54.3150, 53.5485

Trichromacy



Original Color

66.6905, 54.1409, 65.9668



Protanomaly

57.3964, 53.5869, 72.9638



Deuteranomaly

58.9911, 53.9843, 64.4376



Tritanomaly

65.3632, 54.4709, 58.1079

Monochromacy



Original Color

66.6905, 54.1409, 65.9668



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.8573, 55.2908, 63.4999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6905, 54.1409, 65.9668 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, 169, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 207)  
}
```

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, 169, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 207) }
```

Border

The CSS property to change the border of an element to XYZ 66.6905, 54.1409, 65.9668 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, 169, 207) }
```


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

```
.border{ border-color:rgb(255, 169, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6905, 54.1409, 65.9668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 207) }
```

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

```
.background{ background-color: rgb(255,  
169, 207) }
```

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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