

Converting Colors

XYZ(79.3036, 60.5201, 69.7960)

Have a look what the booklet for
XYZ(79.3036, 60.5201, 69.7960)
contains.

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Color

**XYZ(67.3116, 54.3894,
69.2378)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9D4
RGB	255, 169, 212
RGB Percent	100%, 66%, 83%
CMY	0.0000, 0.3372, 0.1686
CMYK	0.00, 0.34, 0.17, 0.00
HSL	330°, 100%, 83%
HSV	330°, 34%, 100%
XYZ	67.3116, 54.3894, 69.2378
YIQ	199.6160, 37.4530, 31.6050

Conversions

Conversions Part 2

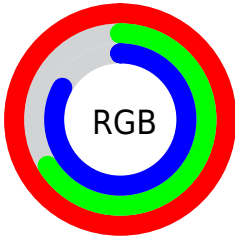
Format	Color
R _Y B	255, 169, 212
Decimal	16755156
CIE Lab	78.69, 37.54, -8.73
CIE LCh	79, 38.540, 346.908
Yxy	54.3894, 0.3525, 0.2849
Android (android.graphics.Color)	4294945236 (0xFFFFA9D4)
YUV	199.6160, 6.1053, 48.5718
Hunter-Lab	73.7492, 33.8577, -4.0387

Details

The XYZ color **67.3116, 54.3894, 69.2378** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.0079, 84.7094, 75.2679**, and the grayscale version is **54.6125, 57.4566, 62.5702**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **35.3572, 26.7954, 35.2068** is the 20% darker color. If you saturate the color by 10%, you get **61.4765, 45.1924, 59.6682**, and if you desaturate by 10%, it is **74.2014, 65.4920, 79.7870**.

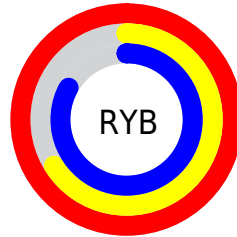
Distribution



Red (100%)

Green (66%)

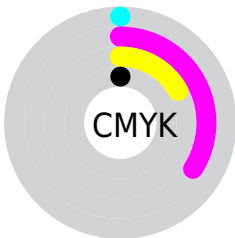
Blue (83%)



Red (100%)

Yellow (66%)

Blue (83%)

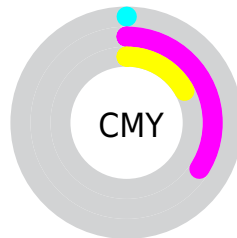


Cyan (0%)

Magenta (34%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3116, 54.3894, 69.2378 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 67.3116, 54.3894, 69.2378 by changing the saturation by 10% instead.


 67.3116, 54.3894,
69.2378

 67.3116, 54.3894,
69.2378

440.4682,
403.5932, 476.5859

 49.6095, 38.9131,
50.4324


 114.4141, 96.6458,
119.7921

 35.3198, 26.6921,
35.3835


144.5453,
124.1946, 152.3780

 24.0770, 17.3421,
23.6726


179.5502,
156.5363, 190.3946

 15.5158, 10.4787,
14.8809

219.7942,
194.0554, 234.2604

 9.2708, 5.7175,
8.5902

265.6426,
237.1363, 284.3939

 4.9768, 2.6741,
4.3817

317.4608,

 2.2683, 0.9640,

286.1632, 341.2136

1.8370

375.6142,
341.5208, 405.1381

■ 0.7783, 0.0000,
0.4522

■ 0.0000, 0.0000,
0.0000

■ 67.3116, 54.3894,
69.2378

■ 67.3116, 54.3894,
69.2378

■ 61.4765, 45.1924,
59.6682

■ 74.2014, 65.4920,
79.7870

■ 56.6353, 37.7848,
51.0416

■ 82.1944, 78.5935,
91.3440

■ 52.7267, 32.0485,
43.3232

■ 91.3408, 93.7896,
103.9396

■ 49.6804, 27.8482,
36.4743

95.0500, 100.0000,
108.9000

■ 47.4155, 25.0271,
30.4516

■ 45.8337, 23.3941,
25.2054

■ 45.1030, 22.8052,
22.2724

Harmonies

Analogous

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



63.1443, 54.3894, 92.7429



67.3116, 54.3894, 69.2378



67.0110, 54.3894, 47.8409

Triad

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



67.3116, 54.3894, 69.2378



47.5521, 54.3894, 27.4740



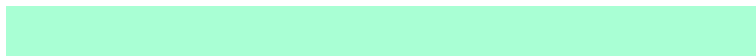
42.3223, 54.3894, 95.4323

Complementary

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



67.3116, 54.3894, 69.2378



64.0079, 84.7094, 75.2679

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.



38.9117, 54.3894, 72.2758



67.3116, 54.3894, 69.2378



41.7216, 54.3894, 34.9407

Square

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



67.3116, 54.3894, 69.2378



55.0841, 54.3894, 27.0430



38.7032, 54.3894, 50.2198



48.4488, 54.3894, 110.1848

Rectangle

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



67.3116, 54.3894, 69.2378



64.3116, 54.3894, 37.4357



38.7032, 54.3894, 50.2198



40.8476, 54.3894, 88.1475

Sweetspot

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



67.3129, 54.3918, 69.2389



85.4624, 84.0015, 95.9105



59.3914, 49.5958, 101.0504



18.0244, 17.5355, 20.1562



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.



67.3129, 54.3918, 69.2389



63.5300, 48.4020, 63.1193



62.5912, 52.5031, 44.3744



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0346



2.3571, 1.1852, 1.4620

Inverse Universe

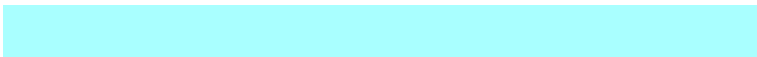
The Inverse Universe completely reimagines the original color for something new.



67.3129, 54.3918, 69.2389



63.5300, 48.4020, 63.1193



70.1735, 87.1757, 107.7358



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0346



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 67.3116, 54.3894, 69.2378 looks on a white background.

Color Contrast Check

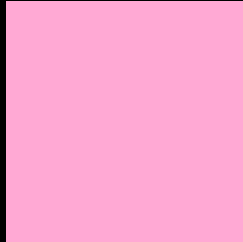
Large Text (above 18pt) WCAG AA × Fail

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 67.3116, 54.3894, 69.2378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

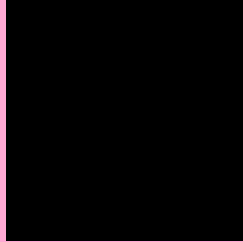
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3116, 54.3894, 69.2378

Background



This preview shows how black text looks on a background with the XYZ color 67.3116, 54.3894, 69.2378.



This preview shows how white text looks on a background with the XYZ color 67.3116, 54.3894,

69.2378.

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

67.3116, 54.3894, 69.2378

Protanopia

54.2816, 55.0038, 81.1546

Deuteranopia

55.8110, 54.7909, 67.3086



Tritanopia

64.2506, 54.5554, 54.1576

Trichromacy



Original Color

67.3116, 54.3894, 69.2378



Protanomaly

57.9744, 54.1180, 76.4975



Deuteranomaly

59.2879, 54.0669, 67.6327



Tritanomaly

65.2243, 54.3732, 59.2819

Monochromacy



Original Color

67.3116, 54.3894, 69.2378



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.6119, 55.9705, 64.8409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3116, 54.3894, 69.2378 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 212) }
```

Border

The CSS property to change the border of an element to XYZ 67.3116, 54.3894, 69.2378 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, 212) }
```


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

```
.border{ border-color:rgb(255, 169, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3116, 54.3894, 69.2378 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
169, 212) }
```

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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