

Converting Colors

XYZ(155.6943, 100.0000,
74.2038)

Have a look what the booklet for
XYZ(155.6943, 100.0000, 74.2038)
contains.

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Color

**XYZ(67.4382, 54.4400,
69.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9D5
RGB	255, 169, 213
RGB Percent	100%, 66%, 84%
CMY	0.0000, 0.3372, 0.1647
CMYK	0.00, 0.34, 0.16, 0.00
HSL	329°, 100%, 83%
HSV	329°, 34%, 100%
XYZ	67.4382, 54.4400, 69.9044
YIQ	199.7300, 37.1320, 31.9160

Conversions

Conversions Part 2

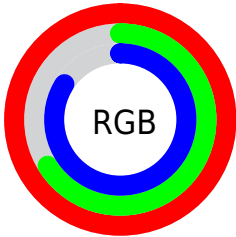
Format	Color
R _Y B	255, 169, 213
Decimal	16755157
CIE Lab	78.72, 37.69, -9.23
CIE LCh	79, 38.804, 346.241
Yxy	54.4400, 0.3516, 0.2839
Android (android.graphics.Color)	4294945237 (0xFFFFA9D5)
YUV	199.7300, 6.5421, 48.4718
Hunter-Lab	73.7835, 34.0282, -4.5245

Details

The XYZ color **67.4382, 54.4400, 69.9044** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.8820, 84.6591, 74.6052**, and the grayscale version is **54.6800, 57.5276, 62.6475**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **35.4429, 26.8297, 35.6584** is the 20% darker color. If you saturate the color by 10%, you get **61.6280, 45.2530, 60.4659**, and if you desaturate by 10%, it is **74.2974, 65.5304, 80.2929**.

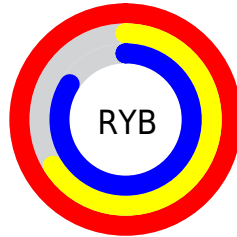
Distribution



Red (100%)

Green (66%)

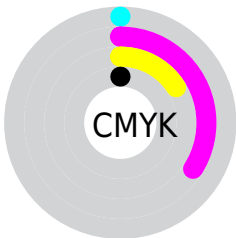
Blue (84%)



Red (100%)

Yellow (66%)

Blue (84%)

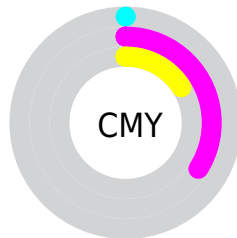


Cyan (0%)

Magenta (34%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4382, 54.4400, 69.9044 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 67.4382, 54.4400, 69.9044 by changing the saturation by 10% instead.

67.4382, 54.4400,
69.9044

67.4382, 54.4400,
69.9044

440.9110,
403.7856, 478.9943

49.7128, 38.9535,
50.9723

114.5944, 96.7200,
120.7522

35.4021, 26.7236,
35.8100

144.7560,
124.2823, 153.5051

24.1408, 17.3657,
23.9989

179.7936,
156.6387, 191.7018

15.5634, 10.4956,
15.1206

220.0728,
194.1736, 235.7611

9.3046, 5.7288,
8.7565

265.9587,
237.2713, 286.1015

4.9991, 2.6809,
4.4881


317.8168,


2.2815, 0.9675,


286.3163, 343.1415


1.8967


376.0124,
341.6929, 407.2995


 0.7852, 0.0000,
0.4907


 0.0000, 0.0000,
0.0000

 67.4382, 54.4400,
69.9044


 67.4382, 54.4400,
69.9044


 61.6280, 45.2530,
60.4659


 74.2974, 65.5304,
80.2929

 56.8063, 37.8532,
51.9419

 82.2541, 78.6173,
91.6584

 52.9119, 32.1226,
44.2988

 91.3581, 93.7964,
104.0308

 49.8750, 27.9260,
37.4988

95.0500, 100.0000,
108.9000

■ 47.6146, 25.1067,
31.5002

■ 46.0329, 23.4738,
26.2546

■ 45.3002, 22.8841,
23.3106

Harmonies

Analogous

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



63.1482, 54.4400, 93.5666



67.4382, 54.4400, 69.9044



67.2410, 54.4400, 48.2260

Triad

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



67.4382, 54.4400, 69.9044



47.7258, 54.4400, 27.2585



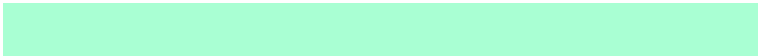
42.1953, 54.4400, 95.3322

Complementary

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



67.4382, 54.4400, 69.9044



63.8820, 84.6591, 74.6052

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.



38.8315, 54.4400, 71.8965



67.4382, 54.4400, 69.9044



41.8020, 54.4400, 34.5910

Square

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



67.4382, 54.4400, 69.9044



55.3326, 54.4400, 26.9772



38.6950, 54.4400, 49.7833



48.3132, 54.4400, 110.5198

Rectangle

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



67.4382, 54.4400, 69.9044



64.5790, 54.4400, 37.6402



38.6950, 54.4400, 49.7833



40.7327, 54.4400, 87.9299

Sweetspot

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



67.4395, 54.4424, 69.9055



85.5070, 84.0194, 96.1456



58.9800, 49.3836, 101.0312



18.0352, 17.5398, 20.2130



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.



67.4395, 54.4424, 69.9055



63.6729, 48.4591, 63.8716



62.7265, 52.5572, 45.0870



18.3973, 18.1422, 20.7092



23.7461, 11.9877, 12.5791



2.3673, 1.1893, 1.5155

Inverse Universe

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



67.4395, 54.4424, 69.9055



63.6729, 48.4591, 63.8716



69.9436, 87.0837, 106.5250



18.3973, 18.1422, 20.7092



23.7461, 11.9877, 12.5791



2.3673, 1.1893, 1.5155

Previews

White Background



This preview shows how the XYZ color 67.4382, 54.4400, 69.9044 looks on a white background.

Color Contrast Check

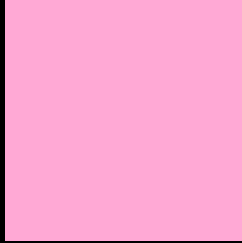
Large Text (above 18pt) WCAG AA × Fail

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 67.4382, 54.4400, 69.9044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

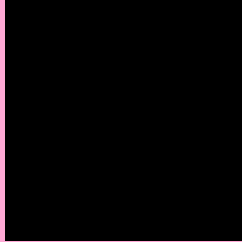
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4382, 54.4400, 69.9044

Background



This preview shows how black text looks on a background with the XYZ color 67.4382, 54.4400, 69.9044.



This preview shows how white text looks on a background with the XYZ color 67.4382, 54.4400,

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

67.4382, 54.4400, 69.9044

Protanopia

54.1737, 54.9321, 81.8764

Deuteranopia

55.9345, 54.8403, 67.9588



Tritanopia

64.2506, 54.5554, 54.1576

Trichromacy



Original Color

67.4382, 54.4400, 69.9044



Protanomaly

57.8196, 54.0227, 77.1920



Deuteranomaly

59.4121, 54.1166, 68.2870



Tritanomaly

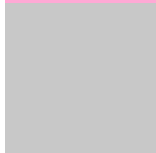
65.2243, 54.3732, 59.2819

Monochromacy



Original Color

67.4382, 54.4400, 69.9044



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.7322, 56.0186, 65.4748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4382, 54.4400, 69.9044 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 213) }
```

Border

The CSS property to change the border of an element to XYZ 67.4382, 54.4400, 69.9044 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, 213) }
```


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

```
.border{ border-color:rgb(255, 169, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4382, 54.4400, 69.9044 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
169, 213) }
```

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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