

Converting Colors

XYZ(67.2415, 54.9160, 67.1588)

Have a look what the booklet for
XYZ(67.2415, 54.9160, 67.1588)
contains.

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Color

**XYZ(67.3115, 54.9893,
67.3879)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABD1
RGB	255, 171, 209
RGB Percent	100%, 67%, 82%
CMY	0.0000, 0.3294, 0.1804
CMYK	0.00, 0.33, 0.18, 0.00
HSL	333°, 100%, 84%
HSV	333°, 33%, 100%
XYZ	67.3115, 54.9893, 67.3879
YIQ	200.4480, 37.8660, 29.6260

Conversions

Conversions Part 2

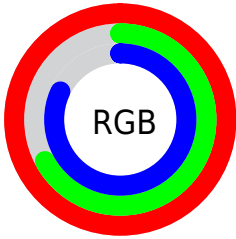
Format	Color
R _Y B	255, 171, 209
Decimal	16755665
CIE Lab	79.04, 36.04, -6.59
CIE LCh	79, 36.640, 349.645
Yxy	54.9893, 0.3549, 0.2899
Android (android.graphics.Color)	4294945745 (0xFFFFABD1)
YUV	200.4480, 4.2161, 47.8421
Hunter-Lab	74.1548, 32.2565, -1.9712

Details

The XYZ color **67.3115, 54.9893, 67.3879** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.0811, 85.1887, 78.6622**, and the grayscale version is **55.1357, 58.0070, 63.1696**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **35.4208, 27.1937, 34.3924** is the 20% darker color. If you saturate the color by 10%, you get **61.2974, 45.6077, 57.2236**, and if you desaturate by 10%, it is **74.4091, 66.2946, 78.6624**.

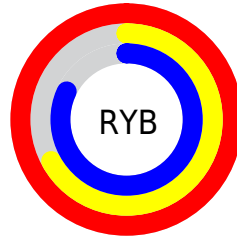
Distribution



Red (100%)

Green (67%)

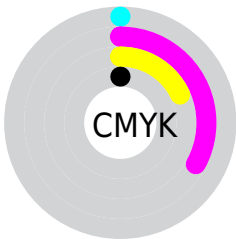
Blue (82%)



Red (100%)

Yellow (67%)

Blue (82%)

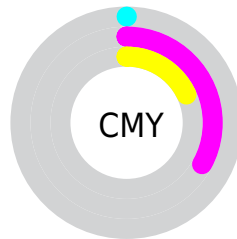


Cyan (0%)

Magenta (33%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3115, 54.9893, 67.3879 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 67.3115, 54.9893, 67.3879 by changing the saturation by 10% instead.


 67.3115, 54.9893,
67.3879

 67.3115, 54.9893,
67.3879


440.4678,
405.8714, 469.8633

 49.6094, 39.3932,
48.9364


 114.4140, 97.5253,
117.1220

 35.3197, 27.0657,
34.2037


144.5451,
125.2339, 149.2416

 24.0769, 17.6226,
22.7715

179.5500,
157.7488, 186.7543

 15.5157, 10.6794,
14.2212

219.7939,
195.4544, 230.0786

 9.2708, 5.8517,
8.1342

265.6424,
238.7350, 279.6332

 4.9768, 2.7551,
4.0919


317.4606,

 2.2682, 1.0053,


287.9752, 335.8364


1.6759


375.6139,
343.5591, 399.1070


 0.7783, 0.0000,
0.3441


 0.0000, 0.0000,
0.0000


 67.3115, 54.9893,
67.3879

 67.3115, 54.9893,
67.3879


 61.2974, 45.6077,
57.2236


 74.4091, 66.2946,
78.6624

 56.3050, 38.0336,
48.1279

 82.6390, 79.6164,
91.0800

 52.2727, 32.1497,
40.0611

 92.0521, 95.0502,
104.6758

 49.1299, 27.8216,
32.9788

95.0500, 100.0000,
108.9000

■ 46.7955, 24.8940,
26.8322

■ 45.1716, 23.1789,
21.5659

■ 44.3547, 22.5059,
18.3317

Harmonies

Analogous

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



63.6982, 54.9893, 89.8300



67.3115, 54.9893, 67.3879



66.6180, 54.9893, 47.3604

Triad

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



67.3115, 54.9893, 67.3879



47.6911, 54.9893, 29.4533



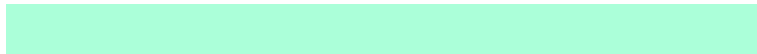
43.7001, 54.9893, 95.9941

Complementary

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



67.3115, 54.9893, 67.3879



65.0811, 85.1887, 78.6622

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.



40.1387, 54.9893, 74.4178



67.3115, 54.9893, 67.3879



42.2901, 54.9893, 37.4498

Square

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



67.3115, 54.9893, 67.3879



54.8274, 54.9893, 28.4165



39.6477, 54.9893, 52.9405



49.7850, 54.9893, 108.7143

Rectangle

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



67.3115, 54.9893, 67.3879



63.8258, 54.9893, 37.7295



39.6477, 54.9893, 52.9405



42.1931, 54.9893, 89.3309

Sweetspot

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



67.3129, 54.9918, 67.3890



85.2803, 83.9287, 94.9516



60.8749, 50.9172, 101.2273



17.9804, 17.5179, 19.9245



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, 54.9918, 67.3890



62.9563, 48.1725, 60.0981



63.6899, 54.3978, 45.6743



18.3510, 18.1237, 20.4654



23.2492, 11.7890, 9.9629



2.3179, 1.1695, 1.2555

Inverse Universe

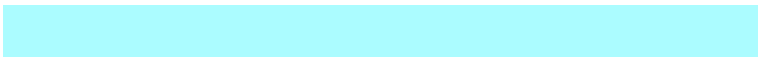
The Inverse Universe completely reimagines the original color for something new.



67.3129, 54.9918, 67.3890



62.9563, 48.1725, 60.0981



69.7193, 85.6253, 107.4605



18.3510, 18.1237, 20.4654



23.2492, 11.7890, 9.9629



2.3179, 1.1695, 1.2555

Previews

White Background



This preview shows how the XYZ color 67.3115, 54.9893, 67.3879 looks on a white background.

Color Contrast Check

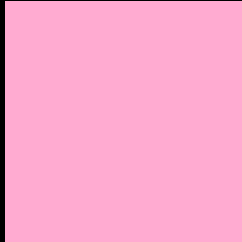
Large Text (above 18pt) WCAG AA × Fail

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 67.3115, 54.9893, 67.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

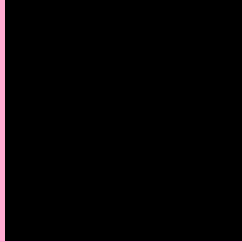
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3115, 54.9893, 67.3879

Background



This preview shows how black text looks on a background with the XYZ color 67.3115, 54.9893, 67.3879.



This preview shows how white text looks on a background with the XYZ color 67.3115, 54.9893,

67.3879.

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

67.3115, 54.9893, 67.3879

Protanopia

54.4555, 55.4884, 78.3612

Deuteranopia

56.4180, 55.1320, 66.0605



Tritanopia

64.9151, 55.1734, 54.8051

Trichromacy



Original Color

67.3115, 54.9893, 67.3879



Protanomaly

58.0766, 54.5284, 74.4819



Deuteranomaly

59.8745, 54.7029, 66.4345



Tritanomaly

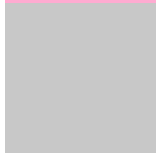
65.9729, 55.3285, 59.4269

Monochromacy



Original Color

67.3115, 54.9893, 67.3879



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.4923, 55.9226, 64.2112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3115, 54.9893, 67.3879 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 209) }
```

Border

The CSS property to change the border of an element to XYZ 67.3115, 54.9893, 67.3879 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, 209) }
```


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

```
.border{ border-color:rgb(255, 171, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3115, 54.9893, 67.3879 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, 209) }
```

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

```
.background{ background-color: rgb(255,  
171, 209) }
```

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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