

Converting Colors

XYZ(143.4068, 94.0749,
72.7163)

Have a look what the booklet for
XYZ(143.4068, 94.0749, 72.7163)
contains.

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Color

**XYZ(67.6866, 55.1393,
69.3628)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABD4
RGB	255, 171, 212
RGB Percent	100%, 67%, 83%
CMY	0.0000, 0.3294, 0.1686
CMYK	0.00, 0.33, 0.17, 0.00
HSL	331°, 100%, 84%
HSV	331°, 33%, 100%
XYZ	67.6866, 55.1393, 69.3628
YIQ	200.7900, 36.9030, 30.5590

Conversions

Conversions Part 2

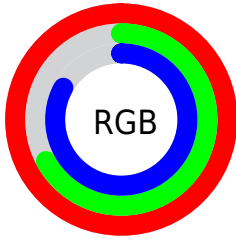
Format	Color
R _Y B	255, 171, 212
Decimal	16755668
CIE Lab	79.12, 36.50, -8.09
CIE LCh	79, 37.382, 347.508
Yxy	55.1393, 0.3522, 0.2869
Android (android.graphics.Color)	4294945748 (0xFFFFABD4)
YUV	200.7900, 5.5265, 47.5422
Hunter-Lab	74.2558, 32.7608, -3.4040

Details

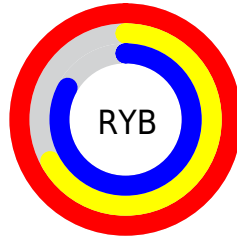
The XYZ color **67.6866, 55.1393, 69.3628** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.6942, 85.0339, 76.6252**, and the grayscale version is **55.3395, 58.2214, 63.4031**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **35.5902, 27.2615, 35.2845** is the 20% darker color. If you saturate the color by 10%, you get **61.7456, 45.7869, 59.5839**, and if you desaturate by 10%, it is **74.6925, 66.4079, 80.1550**.

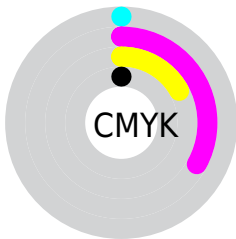
Distribution



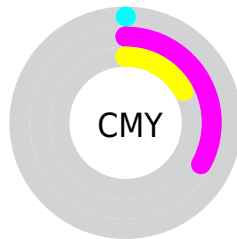
- Red (100%)
- Green (67%)
- Blue (83%)



- Red (100%)
- Yellow (67%)
- Blue (83%)



- Cyan (0%)
- Magenta (33%)
- Yellow (17%)
- Black (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6866, 55.1393, 69.3628 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 67.6866, 55.1393, 69.3628 by changing the saturation by 10% instead.

67.6866, 55.1393,
69.3628

67.6866, 55.1393,
69.3628

441.7790,
406.4397, 477.0381

49.9156, 39.5133,
50.5336

114.9481, 97.7450,
119.9722

35.5638, 27.1592,
35.4634

145.1692,
125.4935, 152.5895

24.2661, 17.6929,
23.7337

180.2711,
158.0516, 190.6399

15.6569, 10.7297,
14.9258

220.6190,
195.8036, 234.5421

9.3710, 5.8854,
8.6213

266.5785,
239.1341, 284.7144

5.0430, 2.7755,
4.4016

318.5147,

2.3075, 1.0157,

288.4273, 341.5755

1.8481

376.7931,
344.0678, 405.5438

■ 0.7985, 0.0000,
0.4594

■ 0.0000, 0.0000,
0.0000

■ 67.6866, 55.1393,
69.3628

■ 67.6866, 55.1393,
69.3628

■ 61.7456, 45.7869,
59.5839

■ 74.6925, 66.4079,
80.1550

■ 56.8087, 38.2350,
50.7805

■ 82.8116, 79.6853,
91.9894

■ 52.8151, 32.3666,
42.9169

■ 92.0942, 95.0669,
104.8980

■ 49.6948, 28.0475,
35.9533

95.0500, 100.0000,
108.9000

■ 47.3677, 25.1229,
29.8454

■ 45.7369, 23.4050,
24.5429

■ 44.9071, 22.7268,
21.2408

Harmonies

Analogous

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



63.7049, 55.1393, 92.2581



67.6866, 55.1393, 69.3628



67.3023, 55.1393, 48.5144

Triad

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



67.6866, 55.1393, 69.3628



48.2130, 55.1393, 28.7791



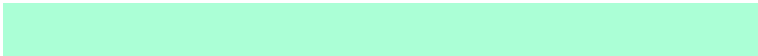
43.3092, 55.1393, 95.6823

Complementary

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



67.6866, 55.1393, 69.3628



64.6942, 85.0339, 76.6252

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.



39.8916, 55.1393, 73.2540



67.6866, 55.1393, 69.3628



42.5328, 55.1393, 36.3563

Square

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



67.6866, 55.1393, 69.3628



55.5706, 55.1393, 28.2133



39.6216, 55.1393, 51.5875



49.3682, 55.1393, 109.7011

Rectangle

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



67.6866, 55.1393, 69.3628



64.6221, 55.1393, 38.3494



39.6216, 55.1393, 51.5875



41.8394, 55.1393, 88.6634

Sweetspot

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



67.6879, 55.1417, 69.3639



85.4167, 83.9833, 95.6702



60.0556, 50.4948, 101.1889



18.0133, 17.5310, 20.0981



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.



67.6879, 55.1417, 69.3639



63.3849, 48.3439, 62.3551



63.1554, 53.3287, 45.4960



18.3788, 18.1349, 20.6122



23.5398, 11.9052, 11.4931



2.3470, 1.1812, 1.4085

Inverse Universe

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



67.6879, 55.1417, 69.3639



63.3849, 48.3439, 62.3551



70.6059, 87.3986, 107.7560



18.3788, 18.1349, 20.6122



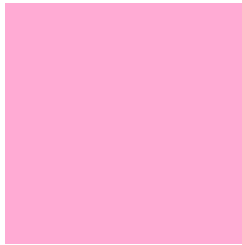
23.5398, 11.9052, 11.4931



2.3470, 1.1812, 1.4085

Previews

White Background



This preview shows how the XYZ color 67.6866, 55.1393, 69.3628 looks on a white background.

Color Contrast Check

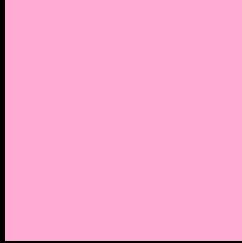
Large Text (above 18pt) WCAG AA × Fail

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 67.6866, 55.1393, 69.3628 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 67.6866, 55.1393, 69.3628

Background



This preview shows how black text looks on a background with the XYZ color 67.6866, 55.1393, 69.3628.



This preview shows how white text looks on a background with the XYZ color 67.6866, 55.1393,

69.3628.

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

67.6866, 55.1393, 69.3628

Protanopia

54.8661, 55.6526, 80.5233

Deuteranopia

56.5943, 55.5173, 67.4076



Tritanopia

64.6602, 55.0295, 55.3579

Trichromacy



Original Color

67.6866, 55.1393, 69.3628



Protanomaly

58.4753, 54.6879, 76.5811



Deuteranomaly

60.0131, 55.0532, 67.7849



Tritanomaly

65.7221, 55.1860, 60.0113

Monochromacy



Original Color

67.6866, 55.1393, 69.3628



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

59.2517, 56.6068, 65.5609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6866, 55.1393, 69.3628 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 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, 171, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 212) }
```

Border

The CSS property to change the border of an element to XYZ 67.6866, 55.1393, 69.3628 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, 212) }
```


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

```
.border{ border-color:rgb(255, 171, 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, 171, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6866, 55.1393, 69.3628 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, 212) }
```

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

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