

Converting Colors

XYZ(65.6091, 54.6432, 70.8061)

Have a look what the booklet for
XYZ(65.6091, 54.6432, 70.8061)
contains.

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Color

**XYZ(65.4389, 54.5163,
70.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	F7ADD6
RGB	247, 173, 214
RGB Percent	97%, 68%, 84%
CMY	0.0314, 0.3215, 0.1608
CMYK	0.00, 0.30, 0.13, 0.03
HSL	327°, 82%, 82%
HSV	327°, 30%, 97%
XYZ	65.4389, 54.5163, 70.6920
YIQ	199.8000, 30.9430, 28.4390

Conversions

Conversions Part 2

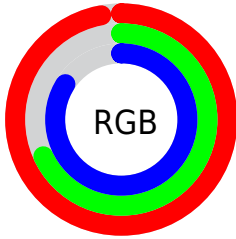
Format	Color
R_{YB}	247, 173, 214
Decimal	16231894
CIE _{Lab}	78.76, 33.05, -9.80
CIE _{LCh}	79, 34.471, 343.486
Yxy	54.5163, 0.3432, 0.2860
Android (android.graphics.Color)	4294421974 (0xFFF7ADD6)
YUV	199.8000, 7.0006, 41.3944
Hunter-Lab	73.8352, 28.9901, -5.0814

Details

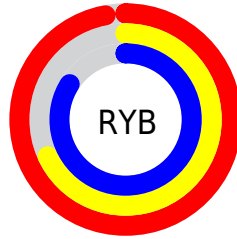
The XYZ color **65.4389, 54.5163, 70.6920** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.6372, 79.8635, 70.5627**, and the grayscale version is **54.7230, 57.5729, 62.6969**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **34.2097, 26.8833, 36.1868** is the 20% darker color. If you saturate the color by 10%, you get **59.7738, 45.3613, 62.0960**, and if you desaturate by 10%, it is **72.0779, 65.4653, 80.0832**.

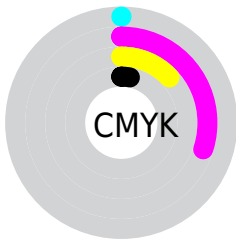
Distribution



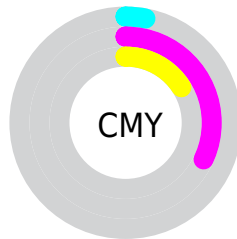
- Red (97%)
- Green (68%)
- Blue (84%)



- Red (97%)
- Yellow (68%)
- Blue (84%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4389, 54.5163, 70.6920 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 65.4389, 54.5163, 70.6920 by changing the saturation by 10% instead.


 65.4389, 54.5163,
70.6920

 65.4389, 54.5163,
70.6920


433.8878,
404.0758, 481.8306

 48.0831, 39.0146,
51.6106


 111.7428, 96.8319,
121.8854

 34.1042, 26.7711,
36.3147


141.4216,
124.4146, 154.8345

 23.1369, 17.4014,
24.3857


175.9388,
156.7930, 193.2433

 14.8159, 10.5211,
15.4051

215.6597,
194.3517, 237.5302

 8.7758, 5.7458,
8.9544

260.9498,
237.4748, 288.1139

 4.6511, 2.6911,
4.6151

312.1742,

 2.0767, 0.9727,

286.5470, 345.4128

1.9685

369.6984,
341.9525, 409.8455

■ 0.6765, 0.0000,
0.5358

■ 0.0000, 0.0000,
0.0000

■ 65.4389, 54.5163,
70.6920

■ 65.4389, 54.5163,
70.6920

■ 59.7738, 45.3613,
62.0960

■ 72.0779, 65.4653,
80.0832

■ 55.0275, 37.8954,
54.2660

■ 79.7323, 78.2908,
90.2907

■ 51.1468, 32.0144,
47.1752

■ 88.4472, 93.0791,
101.3388

■ 48.0705, 27.5993,
40.7934

■ 92.1681, 98.5143,
108.7651

■ 45.7290, 24.5140,
35.0874

■ 44.0395, 22.5965,
30.0191

■ 42.8668, 21.5796,
25.5323

■ 42.8623, 21.5760,
25.5142

Harmonies

Analogous

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



61.3786, 54.5163, 91.0044



65.4389, 54.5163, 70.6920



65.6488, 54.5163, 51.0212

Triad

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



65.4389, 54.5163, 70.6920



48.8165, 54.5163, 29.8068



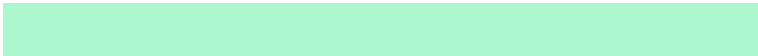
42.8687, 54.5163, 89.1504

Complementary

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



65.4389, 54.5163, 70.6920



61.6372, 79.8635, 70.5627

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.



40.0773, 54.5163, 68.5590



65.4389, 54.5163, 70.6920



43.3022, 54.5163, 36.0593

Square

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



65.4389, 54.5163, 70.6920



55.6353, 54.5163, 30.1326



40.2287, 54.5163, 49.3069



48.1758, 54.5163, 103.1582

Rectangle

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



65.4389, 54.5163, 70.6920



63.5457, 54.5163, 40.9491



40.2287, 54.5163, 49.3069



41.6268, 54.5163, 82.5949

Sweetspot

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



65.4405, 54.5188, 70.6931



86.5562, 85.5796, 98.1547



56.9296, 49.5940, 94.5685



18.2516, 17.8535, 20.6522



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.



65.4405, 54.5188, 70.6931



66.5180, 52.3836, 70.2634



61.3325, 52.8756, 49.0607



16.8834, 16.6362, 19.1328



22.7410, 11.4398, 13.8763



2.0504, 1.0261, 1.4919

Inverse Universe

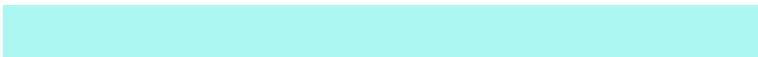
The Inverse Universe completely reimagines the original color for something new.



65.4405, 54.5188, 70.6931



66.5180, 52.3836, 70.2634



66.5331, 81.8218, 96.3444



16.8834, 16.6362, 19.1328



22.7410, 11.4398, 13.8763



2.0504, 1.0261, 1.4919

Previews

White Background



This preview shows how the XYZ color 65.4389, 54.5163, 70.6920 looks on a white background.

Color Contrast Check

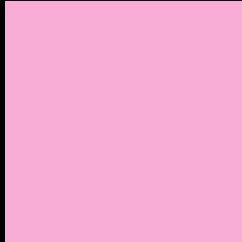
Large Text (above 18pt) WCAG AA × Fail

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 65.4389, 54.5163, 70.6920 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 65.4389, 54.5163, 70.6920

Background



This preview shows how black text looks on a background with the XYZ color 65.4389, 54.5163, 70.6920.



This preview shows how white text looks on a background with the XYZ color 65.4389, 54.5163,

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

65.4389, 54.5163, 70.6920

Protanopia

54.1432, 54.9484, 80.4255

Deuteranopia

55.9035, 54.7955, 69.2582



Tritanopia

62.4343, 54.4390, 56.5073

Trichromacy



Original Color

65.4389, 54.5163, 70.6920



Protanomaly

57.3221, 54.0934, 76.5271



Deuteranomaly

59.1484, 54.5640, 69.7018



Tritanomaly

63.4903, 54.5867, 61.2228

Monochromacy



Original Color

65.4389, 54.5163, 70.6920



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.0482, 55.9864, 65.5046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4389, 54.5163, 70.6920 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(247, 173, 214)` looks like.

```
.text, #text, p{  
    color:rgb(247, 173, 214)  
}
```

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(247, 173, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 173, 214) }
```

Border

The CSS property to change the border of an element to XYZ 65.4389, 54.5163, 70.6920 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(247, 173, 214) }
```


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

```
.border{ border-color:rgb(247, 173, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 173, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 173, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 173, 214);  
box-shadow:4px 4px 4px 4px rgb(247, 173,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4389, 54.5163, 70.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 173, 214) }
```

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

```
.background{ background-color: rgb(247,  
173, 214) }
```

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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