

Converting Colors

XYZ(64.4127, 54.6086, 69.4867)

Have a look what the booklet for
XYZ(64.4127, 54.6086, 69.4867)
contains.

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Color

**XYZ(64.5219, 54.6465,
69.4345)**

Conversions

Conversions Part 1

Format	Color
Hex	F4AFD4
RGB	244, 175, 212
RGB Percent	96%, 69%, 83%
CMY	0.0431, 0.3137, 0.1686
CMYK	0.00, 0.28, 0.13, 0.04
HSL	328°, 76%, 82%
HSV	328°, 28%, 96%
XYZ	64.5219, 54.6465, 69.4345
YIQ	199.8490, 29.2470, 26.1350

Conversions

Conversions Part 2

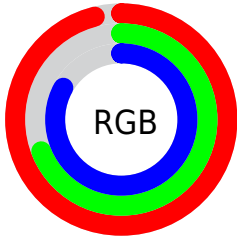
Format	Color
RYB	244, 175, 212
Decimal	16035796
CIELab	78.84, 30.65, -8.64
CIELCh	79, 31.845, 344.266
Yxy	54.6465, 0.3421, 0.2897
Android (android.graphics.Color)	4294225876 (0xFFFF4AFD4)
YUV	199.8490, 5.9904, 38.7204
Hunter-Lab	73.9233, 26.4331, -3.9435

Details

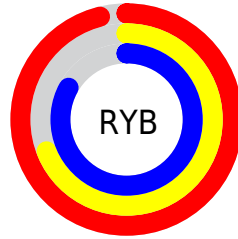
The XYZ color **64.5219, 54.6465, 69.4345** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.2947, 78.3219, 70.9222**, and the grayscale version is **54.7599, 57.6117, 62.7391**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **33.5389, 26.9182, 35.3263** is the 20% darker color. If you saturate the color by 10%, you get **58.8174, 45.4420, 60.7350**, and if you desaturate by 10%, it is **71.1877, 65.6120, 78.9493**.

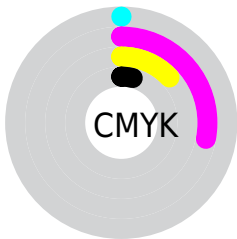
Distribution



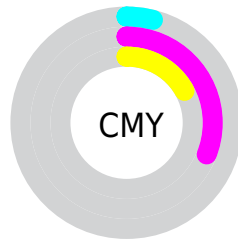
- Red (96%)
- Green (69%)
- Blue (83%)



- Red (96%)
- Yellow (69%)
- Blue (83%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.5219, 54.6465, 69.4345 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 64.5219, 54.6465, 69.4345 by changing the saturation by 10% instead.


 64.5219, 54.6465,
69.4345

 64.5219, 54.6465,
69.4345


430.6443,
404.5705, 477.2973

 47.3368, 39.1188,
50.5917


 110.4318, 97.0228,
120.0755

 33.5110, 26.8521,
35.5093


139.8872,
124.6402, 152.7108

 22.6793, 17.4622,
23.7688


174.1634,
157.0563, 190.7806

 14.4763, 10.5646,
14.9516

213.6259,
194.6554, 234.7036

 8.5366, 5.7749,
8.6392

258.6398,
237.8220, 284.8982

 4.4948, 2.7087,
4.4130

309.5706,

 1.9857, 0.9816,

286.9405, 341.7830

1.8545

366.7837,
342.3952, 405.7765

■ 0.6259, 0.0000,
0.4636

■ 0.0000, 0.0000,
0.0000

■ 64.5219, 54.6465,
69.4345

■ 64.5219, 54.6465,
69.4345

■ 58.8174, 45.4420,
60.7350

■ 71.1877, 65.6120,
78.9493

■ 54.0210, 37.8977,
52.8214

■ 78.8548, 78.4174,
89.3007

■ 50.0819, 31.9142,
45.6667

■ 87.5665, 93.1457,
100.5133

■ 46.9414, 27.3781,
39.2409

■ 91.1186, 97.9733,
108.7160

■ 44.5335, 24.1606,
33.5107

■ 42.7801, 22.1095,
28.4387

■ 41.5730, 21.0121,
23.9767

■ 41.3941, 20.8675,
23.2598

Harmonies

Analogous

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



60.8817, 54.6465, 88.0294



64.5219, 54.6465, 69.4345



64.6149, 54.6465, 51.3384

Triad

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



64.5219, 54.6465, 69.4345



49.0056, 54.6465, 31.7675



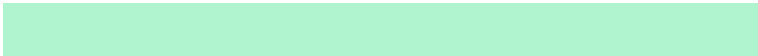
43.7231, 54.6465, 87.2144

Complementary

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



64.5219, 54.6465, 69.4345



61.2947, 78.3219, 70.9222

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.



41.0412, 54.6465, 68.4854



64.5219, 54.6465, 69.4345



43.9194, 54.6465, 37.9162

Square

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



64.5219, 54.6465, 69.4345



55.3016, 54.6465, 31.9195



41.1101, 54.6465, 50.5627



48.7172, 54.6465, 99.6277

Rectangle

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



64.5219, 54.6465, 69.4345



62.6315, 54.6465, 41.9948



41.1101, 54.6465, 50.5627



42.5400, 54.6465, 81.2995

Sweetspot

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



64.5235, 54.6490, 69.4356



87.3977, 87.0734, 99.0183



57.1289, 50.3234, 92.2912



18.4166, 18.1500, 20.8110



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.



64.5235, 54.6490, 69.4356



67.5367, 54.2716, 71.0636



60.7214, 53.1281, 49.4141



16.8706, 16.6311, 19.0653



22.5774, 11.3744, 13.0149



2.0362, 1.0205, 1.4172

Inverse Universe

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



64.5235, 54.6490, 69.4356



67.5367, 54.2716, 71.0636



65.8417, 80.1407, 94.8666



16.8706, 16.6311, 19.0653



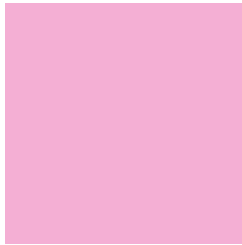
22.5774, 11.3744, 13.0149



2.0362, 1.0205, 1.4172

Previews

White Background



This preview shows how the XYZ color 64.5219, 54.6465, 69.4345 looks on a white background.

Color Contrast Check

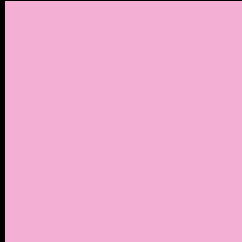
Large Text (above 18pt) WCAG AA × Fail

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 64.5219, 54.6465, 69.4345 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 64.5219, 54.6465, 69.4345

Background



This preview shows how black text looks on a background with the XYZ color 64.5219, 54.6465, 69.4345.



This preview shows how white text looks on a background with the XYZ color 64.5219, 54.6465,

69.4345.

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

64.5219, 54.6465, 69.4345

Protanopia

53.9815, 54.9125, 78.2751

Deuteranopia

55.9345, 54.8403, 67.9588



Tritanopia

62.0528, 54.5238, 57.1228

Trichromacy



Original Color

64.5219, 54.6465, 69.4345



Protanomaly

57.2669, 54.4096, 75.1940



Deuteranomaly

58.8006, 54.7232, 68.4363



Tritanomaly

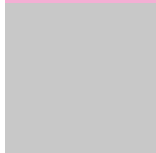
62.9931, 54.6225, 61.2559

Monochromacy



Original Color

64.5219, 54.6465, 69.4345



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

57.8488, 56.2202, 64.9294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5219, 54.6465, 69.4345 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(244, 175, 212)` looks like.

```
.text, #text, p{  
    color:rgb(244, 175, 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(244, 175, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 175, 212) }
```

Border

The CSS property to change the border of an element to XYZ 64.5219, 54.6465, 69.4345 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(244, 175, 212) }
```


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

```
.border{ border-color:rgb(244, 175, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 175, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 175, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 175, 212);  
box-shadow:4px 4px 4px 4px rgb(244, 175,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5219, 54.6465, 69.4345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 175, 212) }
```

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

```
.background{ background-color: rgb(244,  
175, 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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