

Converting Colors

XYZ(64.7662, 55.6489, 69.6151)

Have a look what the booklet for
XYZ(64.7662, 55.6489, 69.6151)
contains.

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Color

**XYZ(64.7662, 55.6489,
69.6151)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B2D4
RGB	243, 178, 212
RGB Percent	95%, 70%, 83%
CMY	0.0471, 0.3019, 0.1686
CMYK	0.00, 0.27, 0.13, 0.05
HSL	329°, 73%, 83%
HSV	329°, 27%, 95%
XYZ	64.7662, 55.6489, 69.6151
YIQ	201.3110, 27.8260, 24.3540

Conversions

Conversions Part 2

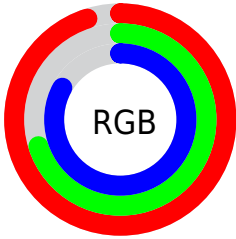
Format	Color
R_{YB}	243, 178, 212
Decimal	15971028
CIE _{Lab}	79.41, 28.72, -7.79
CIE _{LCh}	79, 29.760, 344.824
Yxy	55.6489, 0.3408, 0.2928
Android (android.graphics.Color)	4294161108 (0xFFFF3B2D4)
YUV	201.3110, 5.2697, 36.5613
Hunter-Lab	74.5982, 24.4270, -3.1107

Details

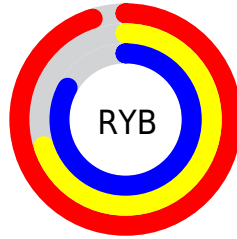
The XYZ color **64.7662, 55.6489, 69.6151** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.9216, 78.1711, 72.1501**, and the grayscale version is **55.6678, 58.5669, 63.7793**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **33.6691, 27.5407, 35.4396** is the 20% darker color. If you saturate the color by 10%, you get **58.9430, 46.2584, 60.7179**, and if you desaturate by 10%, it is **71.5540, 66.7992, 79.3529**.

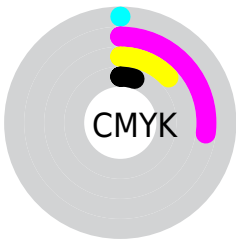
Distribution



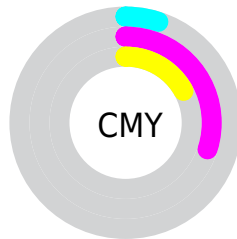
- Red (95%)
- Green (70%)
- Blue (83%)



- Red (95%)
- Yellow (70%)
- Blue (83%)



- Cyan (0%)
- Magenta (27%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7662, 55.6489, 69.6151 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 64.7662, 55.6489, 69.6151 by changing the saturation by 10% instead.

64.7662, 55.6489,
69.6151

64.7662, 55.6489,
69.6151

431.5098,
408.3670, 477.9500

47.5355, 39.9215,
50.7379

110.7812, 98.4910,
120.3357

33.6689, 27.4773,
35.6248

140.2963,
126.3746, 153.0161

22.8011, 17.9320,
23.8572

174.6369,
159.0789, 191.1348

14.5666, 10.9012,
15.0165

214.1683,
196.9885, 235.1102

8.6001, 6.0004,
8.6842

259.2560,
240.4877, 285.3609

4.5363, 2.8453,
4.4418

310.2652,

2.0098, 1.0515,

289.9609, 342.3054

1.8707

367.5614,
345.7926, 406.3622

■ 0.6394, 0.0000,
0.4740

■ 0.0000, 0.0000,
0.0000

■ 64.7662, 55.6489,
69.6151

■ 64.7662, 55.6489,
69.6151

■ 58.9430, 46.2584,
60.7179

■ 71.5540, 66.7992,
79.3529

■ 54.0321, 38.5288,
52.6313

■ 79.3455, 79.7863,
89.9530

■ 49.9837, 32.3630,
45.3280

■ 88.1835, 94.6918,
101.4403

■ 46.7405, 27.6508,
38.7776

■ 90.7725, 97.7949,
108.6998

■ 44.2382, 24.2672,
32.9465

■ 42.4017, 22.0658,
27.7972

■ 41.1363, 20.8617,
23.2854

■ 40.7998, 20.5898,
21.9368

Harmonies

Analogous

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



61.4065, 55.6489, 87.0368



64.7662, 55.6489, 69.6151



64.7872, 55.6489, 52.5625

Triad

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



64.7662, 55.6489, 69.6151



50.0090, 55.6489, 34.0381



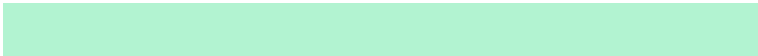
45.1594, 55.6489, 86.8546

Complementary

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



64.7662, 55.6489, 69.6151



61.9216, 78.1711, 72.1501

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.



42.5510, 55.6489, 69.4007



64.7662, 55.6489, 69.6151



45.2044, 55.6489, 40.1330

Square

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



64.7662, 55.6489, 69.6151



55.9558, 55.6489, 34.0738



42.5669, 55.6489, 52.3847



49.9433, 55.6489, 98.1928

Rectangle

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



64.7662, 55.6489, 69.6151



62.8894, 55.6489, 43.6869



42.5669, 55.6489, 52.3847



44.0156, 55.6489, 81.3773

Sweetspot

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



64.7678, 55.6514, 69.6163



87.3566, 87.0569, 98.8020



58.2066, 51.7729, 91.7202



18.4063, 18.1458, 20.7565



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.



64.7678, 55.6514, 69.6163



68.6655, 56.2628, 72.2610



61.1398, 54.2002, 50.5113



16.8612, 16.6273, 19.0157



22.4609, 11.3278, 12.4013



2.0260, 1.0164, 1.3635

Inverse Universe

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



64.7678, 55.6514, 69.6163



68.6655, 56.2628, 72.2610



66.2647, 79.9084, 95.0209



16.8612, 16.6273, 19.0157



22.4609, 11.3278, 12.4013



2.0260, 1.0164, 1.3635

Previews

White Background



This preview shows how the XYZ color 64.7662, 55.6489, 69.6151 looks on a white background.

Color Contrast Check

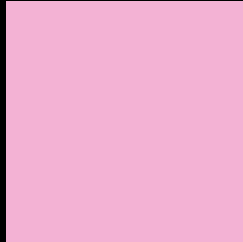
Large Text (above 18pt) WCAG AA × Fail

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 64.7662, 55.6489, 69.6151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

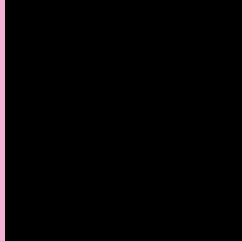
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7662, 55.6489, 69.6151

Background



This preview shows how black text looks on a background with the XYZ color 64.7662, 55.6489, 69.6151.



This preview shows how white text looks on a background with the XYZ color 64.7662, 55.6489,

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

64.7662, 55.6489, 69.6151

Protanopia

55.0515, 56.1450, 77.7476

Deuteranopia

57.1276, 55.7636, 68.7253



Tritanopia

62.6498, 55.6886, 59.0767

Trichromacy



Original Color

64.7662, 55.6489, 69.6151



Protanomaly

57.8477, 55.3585, 74.6542



Deuteranomaly

59.7482, 55.5089, 69.1932



Tritanomaly

63.4818, 55.7368, 62.6708

Monochromacy



Original Color

64.7662, 55.6489, 69.6151



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

58.4083, 57.1466, 65.7096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7662, 55.6489, 69.6151 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(243, 178, 212)` looks like.

```
.text, #text, p{  
    color:rgb(243, 178, 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(243, 178, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 178, 212) }
```

Border

The CSS property to change the border of an element to XYZ 64.7662, 55.6489, 69.6151 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(243, 178, 212) }
```


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

```
.border{ border-color:rgb(243, 178, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 178, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 178, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 178, 212);  
box-shadow:4px 4px 4px 4px rgb(243, 178,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7662, 55.6489, 69.6151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 178, 212) }
```

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

```
.background{ background-color: rgb(243,  
178, 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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