

Converting Colors

XYZ(64.1925, 56.0556, 69.8883)

Have a look what the booklet for
XYZ(64.1925, 56.0556, 69.8883)
contains.

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Color

**XYZ(64.1401, 55.9212,
69.7007)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B4D4
RGB	240, 180, 212
RGB Percent	94%, 71%, 83%
CMY	0.0588, 0.2941, 0.1686
CMYK	0.00, 0.25, 0.12, 0.06
HSL	328°, 67%, 82%
HSV	328°, 25%, 94%
XYZ	64.1401, 55.9212, 69.7007
YIQ	201.5880, 25.4880, 22.6720

Conversions

Conversions Part 2

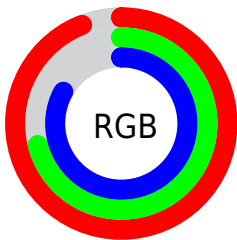
Format	Color
R _Y B	240, 180, 212
Decimal	15774932
CIE Lab	79.57, 26.63, -7.59
CIE LCh	80, 27.691, 344.084
Yxy	55.9212, 0.3380, 0.2947
Android (android.graphics.Color)	4293965012 (0xFFFF0B4D4)
YUV	201.5880, 5.1331, 33.6873
Hunter-Lab	74.7805, 22.2357, -2.9161

Details

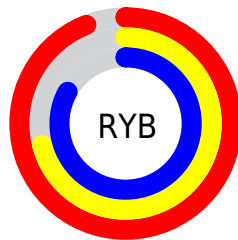
The XYZ color **64.1401, 55.9212, 69.7007** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.3699, 76.5791, 71.2247**, and the grayscale version is **55.8417, 58.7498, 63.9786**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **33.2036, 27.6803, 35.4911** is the 20% darker color. If you saturate the color by 10%, you get **58.3441, 46.5119, 61.0379**, and if you desaturate by 10%, it is **70.8763, 67.0525, 79.1618**.

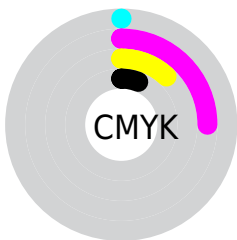
Distribution



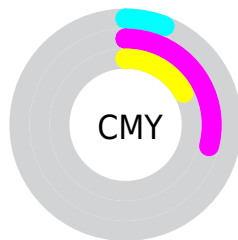
- Red (94%)
- Green (71%)
- Blue (83%)



- Red (94%)
- Yellow (71%)
- Blue (83%)



- Cyan (0%)
- Magenta (25%)
- Yellow (12%)
- Black (6%)



- Cyan (6%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1401, 55.9212, 69.7007 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 64.1401, 55.9212, 69.7007 by changing the saturation by 10% instead.

64.1401, 55.9212,
69.7007

64.1401, 55.9212,
69.7007

429.2896,
409.3945, 478.2591

47.0263, 40.1397,
50.8073

109.8853, 98.8894,
120.4589

33.2645, 27.6475,
35.6796

139.2473,
126.8448, 153.1608

22.4893, 18.0601,
23.8991

173.4229,
159.6271, 191.3026

14.3355, 10.9932,
15.0473

212.7772,
197.6206, 235.3029

8.4376, 6.0622,
8.7056

257.6756,
241.2097, 285.5801

4.4304, 2.8830,
4.4555

308.4836,

1.9484, 1.0709,

290.7788, 342.5529

1.8784

365.5665,
346.7122, 406.6397

■ 0.6047, 0.0000,
0.4789

■ 0.0000, 0.0000,
0.0000

■ 64.1401, 55.9212,
69.7007

■ 64.1401, 55.9212,
69.7007

■ 58.3441, 46.5119,
61.0379

■ 70.8763, 67.0525,
79.1618

■ 53.4381, 38.7296,
53.1451

■ 78.5898, 79.9791,
89.4411

■ 49.3746, 32.4821,
45.9970

■ 87.3215, 94.7794,
100.5621

■ 46.0996, 27.6642,
39.5652

■ 89.7455, 97.2654,
108.6518

■ 43.5522, 24.1579,
33.8187

■ 41.6617, 21.8256,
28.7227

■ 40.3420, 20.4985,
24.2369

■ 39.8313, 20.0838,
22.1968

Harmonies

Analogous

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



60.9629, 55.9212, 85.7086



64.1401, 55.9212, 69.7007



64.2407, 55.9212, 53.7197

Triad

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



64.1401, 55.9212, 69.7007



50.5854, 55.9212, 35.7032



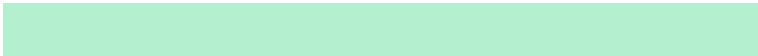
45.8177, 55.9212, 84.8401

Complementary

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



64.1401, 55.9212, 69.7007



61.3699, 76.5791, 71.2247

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.



43.4179, 55.9212, 68.6687



64.1401, 55.9212, 69.7007



46.0375, 55.9212, 41.3926

Square

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



64.1401, 55.9212, 69.7007



56.1453, 55.9212, 35.8815



43.4955, 55.9212, 52.8526



50.2659, 55.9212, 95.4379

Rectangle

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



64.1401, 55.9212, 69.7007



62.5324, 55.9212, 45.2545



43.4955, 55.9212, 52.8526



44.7590, 55.9212, 79.7633

Sweetspot

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



64.1417, 55.9237, 69.7019



88.3052, 88.6103, 100.1778



58.0641, 52.3465, 89.4825



18.7822, 18.7667, 21.2860



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.



64.1417, 55.9237, 69.7019



70.0855, 58.4303, 74.8076



60.7020, 54.5478, 51.5883



16.1252, 15.8998, 18.2154



21.8720, 11.0212, 12.5085



1.8698, 0.9370, 1.3051

Inverse Universe

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



64.1417, 55.9237, 69.7019



70.0855, 58.4303, 74.8076



65.4169, 78.1979, 92.5357



16.1252, 15.8998, 18.2154



21.8720, 11.0212, 12.5085



1.8698, 0.9370, 1.3051

Previews

White Background



This preview shows how the XYZ color 64.1401, 55.9212, 69.7007 looks on a white background.

Color Contrast Check

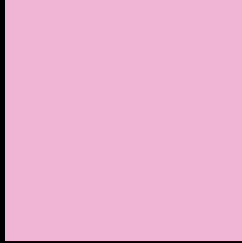
Large Text (above 18pt) WCAG AA × Fail

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 64.1401, 55.9212, 69.7007 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 64.1401, 55.9212, 69.7007

Background



This preview shows how black text looks on a background with the XYZ color 64.1401, 55.9212, 69.7007.



This preview shows how white text looks on a background with the XYZ color 64.1401, 55.9212,

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

64.1401, 55.9212, 69.7007

Protanopia

55.1729, 56.2231, 77.0515

Deuteranopia

57.3465, 56.2013, 68.7982



Tritanopia

62.2714, 56.0753, 60.3649

Trichromacy



Original Color

64.1401, 55.9212, 69.7007

Protanomaly

57.9323, 55.7378, 74.0348

Deuteranomaly

59.8653, 56.1992, 69.3203

Tritanomaly

62.9852, 56.0709, 63.3802

Monochromacy



Original Color

64.1401, 55.9212, 69.7007

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.7513, 57.6387, 66.4214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1401, 55.9212, 69.7007 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(240, 180, 212) looks like.

```
.text, #text, p{  
    color:rgb(240, 180, 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(240, 180, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 180, 212) }
```

Border

The CSS property to change the border of an element to XYZ 64.1401, 55.9212, 69.7007 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(240, 180, 212) }
```


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

```
.border{ border-color:rgb(240, 180, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 180, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 180, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 180, 212);  
box-shadow:4px 4px 4px 4px rgb(240, 180,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1401, 55.9212, 69.7007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 180, 212) }
```

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

```
.background{ background-color: rgb(240,  
180, 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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