

Converting Colors

XYZ(64.0414, 50.7071, 75.2442)

Have a look what the booklet for
XYZ(64.0414, 50.7071, 75.2442)
contains.

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Color

**XYZ(64.1112, 50.7074,
75.5157)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A2DE
RGB	246, 162, 222
RGB Percent	96%, 64%, 87%
CMY	0.0353, 0.3647, 0.1294
CMYK	0.00, 0.34, 0.10, 0.04
HSL	317°, 82%, 80%
HSV	317°, 34%, 96%
XYZ	64.1112, 50.7074, 75.5157
YIQ	193.9560, 30.8040, 36.4680

Conversions

Conversions Part 2

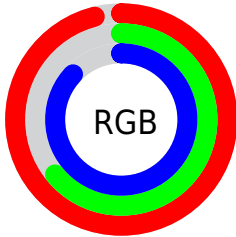
Format	Color
R _Y B	246, 162, 222
Decimal	16163550
CIE Lab	76.50, 39.79, -17.55
CIE LCh	77, 43.484, 336.199
Yxy	50.7074, 0.3368, 0.2664
Android (android.graphics.Color)	4294353630 (0xFF6A2DE)
YUV	193.9560, 13.8257, 45.6426
Hunter-Lab	71.2091, 36.0916, -13.0293

Details

The XYZ color **64.1112, 50.7074, 75.5157** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.7212, 77.1397, 58.3576**, and the grayscale version is **51.1616, 53.8259, 58.6165**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **33.1827, 24.4187, 39.5236** is the 20% darker color. If you saturate the color by 10%, you get **59.2720, 42.5048, 69.3513**, and if you desaturate by 10%, it is **69.8403, 60.6255, 82.1716**.

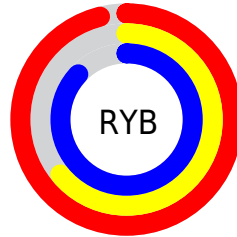
Distribution



Red (96%)

Green (64%)

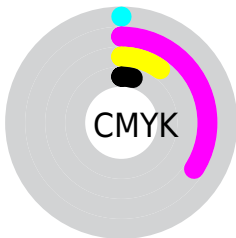
Blue (87%)



Red (96%)

Yellow (64%)

Blue (87%)

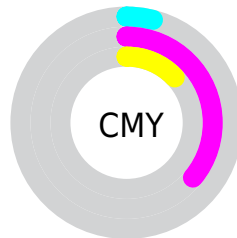


Cyan (0%)

Magenta (34%)

Yellow (10%)

Black (4%)



Cyan (4%)


Magenta (36%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1112, 50.7074, 75.5157 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 64.1112, 50.7074, 75.5157 by changing the saturation by 10% instead.


 64.1112, 50.7074,
75.5157


 64.1112, 50.7074,
75.5157


429.1870,
389.4259, 498.9909

 47.0028, 35.9758,
55.5312

 109.8439, 91.2221,
128.7959

 33.2458, 24.4155,
39.4257


 139.1989,
117.7740, 162.9287

 22.4749, 15.6421,
26.7807


173.3668,
149.0348, 202.6146

 14.3248, 9.2713,
17.1776

212.7129,
185.3889, 248.2723

 8.4302, 4.9185,
10.1979

257.6026,
227.2206, 300.3202

 4.4255, 2.1995,
5.4231

308.4013,

 1.9456, 0.7197,

274.9145, 359.1769

2.4345

365.4743,
328.8547, 425.2609

■ 0.6031, 0.0000,
0.8051

■ 0.0000, 0.0000,
0.0000

■ 64.1112, 50.7074,
75.5157

■ 64.1112, 50.7074,
75.5157

■ 59.2720, 42.5048,
69.3513

■ 69.8403, 60.6255,
82.1716

■ 55.2680, 35.9112,
63.6562

■ 76.5008, 72.3436,
89.3336

■ 52.0455, 30.8192,
58.4108

■ 84.1371, 85.9487,
97.0191

■ 49.5423, 27.1053,
53.5918

■ 91.0402, 98.0225,
104.6608

■ 47.6863, 24.6261,
49.1727

■ 91.8165, 98.3330,
108.7487

■ 46.3896, 23.2064,
45.1217

■ 45.8143, 22.7162,
42.8943

Harmonies

Analogous

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



58.1216, 50.7074, 100.2616



64.1112, 50.7074, 75.5157



65.6337, 50.7074, 50.4773

Triad

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



64.1112, 50.7074, 75.5157



46.5131, 50.7074, 21.3851



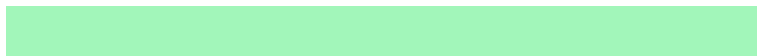
36.5579, 50.7074, 86.4088

Complementary

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



64.1112, 50.7074, 75.5157



56.7212, 77.1397, 58.3576

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.



34.1575, 50.7074, 60.2334



64.1112, 50.7074, 75.5157



39.4699, 50.7074, 26.1986

Square

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



64.1112, 50.7074, 75.5157



54.8437, 50.7074, 23.3424



35.1599, 50.7074, 38.9184



42.1082, 50.7074, 107.6968

Rectangle

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



64.1112, 50.7074, 75.5157



63.7744, 50.7074, 37.5773



35.1599, 50.7074, 38.9184



35.3864, 50.7074, 77.6462

Sweetspot

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



64.1127, 50.7097, 75.5167



86.2968, 84.3353, 100.3043



49.7583, 42.9112, 92.8499



18.2265, 17.6163, 21.2207



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.



64.1127, 50.7097, 75.5167



65.8262, 48.6597, 77.2476



59.1869, 48.7394, 49.5776



16.9999, 16.6828, 19.7462



24.5171, 12.1503, 23.2292



2.1989, 1.0855, 2.2740

Inverse Universe

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



64.1127, 50.7097, 75.5167



65.8262, 48.6597, 77.2476



61.8337, 79.1847, 85.2801



16.9999, 16.6828, 19.7462



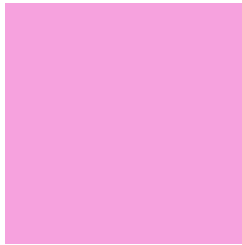
24.5171, 12.1503, 23.2292



2.1989, 1.0855, 2.2740

Previews

White Background



This preview shows how the XYZ color 64.1112, 50.7074, 75.5157 looks on a white background.

Color Contrast Check

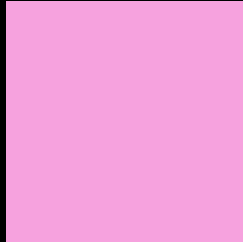
Large Text (above 18pt) WCAG AA × Fail

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 64.1112, 50.7074, 75.5157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

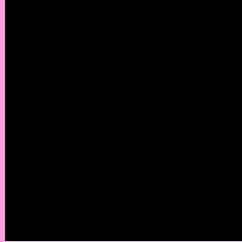
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1112, 50.7074, 75.5157

Background



This preview shows how black text looks on a background with the XYZ color 64.1112, 50.7074, 75.5157.



This preview shows how white text looks on a background with the XYZ color 64.1112, 50.7074,

75.5157.

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

64.1112, 50.7074, 75.5157

Protanopia

51.2548, 51.0027, 88.8045

Deuteranopia

52.0435, 50.8123, 73.3944



Tritanopia

58.9071, 50.4541, 50.8898

Trichromacy



Original Color

64.1112, 50.7074, 75.5157



Protanomaly

54.7158, 50.1415, 83.8852



Deuteranomaly

55.7521, 50.3113, 73.7904



Tritanomaly

60.6764, 50.3583, 59.3455

Monochromacy



Original Color

64.1112, 50.7074, 75.5157



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

55.0676, 51.9617, 64.2540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1112, 50.7074, 75.5157 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(246, 162, 222)` looks like.

```
.text, #text, p{  
    color:rgb(246, 162, 222)  
}
```

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(246, 162, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 162, 222) }
```

Border

The CSS property to change the border of an element to XYZ 64.1112, 50.7074, 75.5157 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(246, 162, 222) }
```


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

```
.border{ border-color:rgb(246, 162, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 162, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 162, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 162, 222);  
box-shadow:4px 4px 4px 4px rgb(246, 162,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1112, 50.7074, 75.5157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 162, 222) }
```

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

```
.background{ background-color: rgb(246,  
162, 222) }
```

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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