

Converting Colors

XYZ(66.2196, 54.8286, 74.8030)

Have a look what the booklet for
XYZ(66.2196, 54.8286, 74.8030)
contains.

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Color

**XYZ(66.2196, 54.8286,
74.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	F7ADDC
RGB	247, 173, 220
RGB Percent	97%, 68%, 86%
CMY	0.0314, 0.3215, 0.1373
CMYK	0.00, 0.30, 0.11, 0.03
HSL	322°, 82%, 82%
HSV	322°, 30%, 97%
XYZ	66.2196, 54.8286, 74.8030
YIQ	200.4840, 29.0170, 30.3050

Conversions

Conversions Part 2

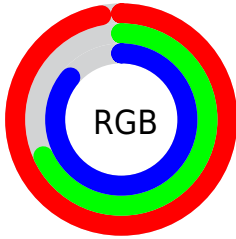
Format	Color
R_{YB}	247, 173, 220
Decimal	16231900
CIE _{Lab}	78.94, 34.02, -12.78
CIE _{LCh}	79, 36.341, 339.409
Yxy	54.8286, 0.3381, 0.2800
Android (android.graphics.Color)	4294421980 (0xFF7ADD)
YUV	200.4840, 9.6214, 40.7945
Hunter-Lab	74.0463, 30.0514, -8.0634

Details

The XYZ color **66.2196, 54.8286, 74.8030** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.9219, 79.5774, 66.7961**, and the grayscale version is **55.1295, 58.0005, 63.1625**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **34.7432, 27.0967, 38.9963** is the 20% darker color. If you saturate the color by 10%, you get **60.7525, 45.7528, 67.2495**, and if you desaturate by 10%, it is **72.6298, 65.6861, 82.9896**.

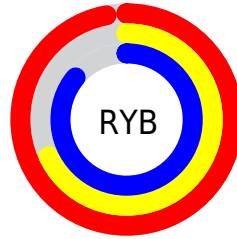
Distribution



Red (97%)

Green (68%)

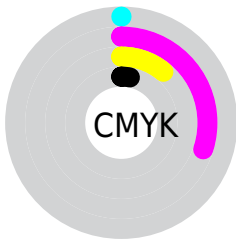
Blue (86%)



Red (97%)

Yellow (68%)

Blue (86%)

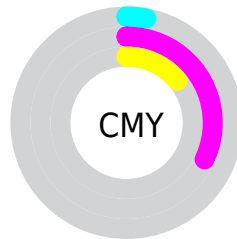


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (3%)



Cyan (3%)


Magenta (32%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2196, 54.8286, 74.8030 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 66.2196, 54.8286, 74.8030 by changing the saturation by 10% instead.


 66.2196, 54.8286,
74.8030

 66.2196, 54.8286,
74.8030


436.6381,
405.2619, 496.4775

 48.7191, 39.2645,
54.9508


 112.8574, 97.2898,
127.7780

 34.6103, 26.9656,
38.9640


142.7255,
124.9557, 161.7378

 23.5279, 17.5474,
26.4241


177.4467,
157.4243, 201.2373

 15.1066, 10.6255,
16.9126

217.3864,
195.0800, 246.6949

 8.9811, 5.8156,
10.0109

262.9101,
238.3072, 298.5291

 4.7858, 2.7333,
5.3005

314.3830,

 2.1556, 0.9941,

287.4903, 357.1586

2.3628

372.1706,
343.0138, 423.0019

■ 0.7192, 0.0000,
0.7661

■ 0.0000, 0.0000,
0.0000

■ 66.2196, 54.8286,
74.8030

■ 66.2196, 54.8286,
74.8030

■ 60.7525, 45.7528,
67.2495

■ 72.6298, 65.6861,
82.9896

■ 56.1742, 38.3541,
60.3044

■ 80.0239, 78.4075,
91.8259

■ 52.4325, 32.5287,
53.9455

■ 88.4459, 93.0786,
101.3319

■ 49.4671, 28.1580,
48.1478

■ 92.1681, 98.5143,
108.7651

■ 47.2094, 25.1062,
42.8830

■ 45.5776, 23.2117,
38.1182

■ 44.4375, 22.2079,
33.8033

■ 44.4331, 22.2043,
33.7857

Harmonies

Analogous

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



61.4330, 54.8286, 95.9904



66.2196, 54.8286, 74.8030



67.0444, 54.8286, 53.4321

Triad

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



66.2196, 54.8286, 74.8030



49.8761, 54.8286, 28.4372



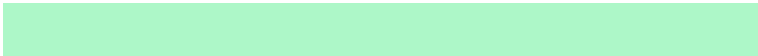
42.1054, 54.8286, 88.6659

Complementary

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



66.2196, 54.8286, 74.8030



60.9219, 79.5774, 66.7961

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.



39.5813, 54.8286, 66.4378



66.2196, 54.8286, 74.8030



43.7867, 54.8286, 33.9467

Square

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



66.2196, 54.8286, 74.8030



57.1497, 54.8286, 29.6779



40.1670, 54.8286, 46.7787



47.3811, 54.8286, 105.1907

Rectangle

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



66.2196, 54.8286, 74.8030



65.1669, 54.8286, 42.2260



40.1670, 54.8286, 46.7787



40.9302, 54.8286, 81.4288

Sweetspot

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



66.2212, 54.8311, 74.8041



86.8415, 85.6937, 99.6568



55.2611, 48.7338, 94.4905



18.3219, 17.8817, 21.0227



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.



66.2212, 54.8311, 74.8041



67.4911, 52.7728, 75.3878



61.9656, 53.1288, 52.3941



16.9421, 16.6597, 19.4416



23.5696, 11.7713, 18.2399



2.1208, 1.0543, 1.8626

Inverse Universe

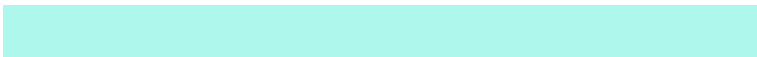
The Inverse Universe completely reimagines the original color for something new.



66.2212, 54.8311, 74.8041



67.4911, 52.7728, 75.3878



65.6220, 81.4575, 91.5463



16.9421, 16.6597, 19.4416



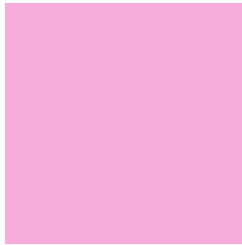
23.5696, 11.7713, 18.2399



2.1208, 1.0543, 1.8626

Previews

White Background



This preview shows how the XYZ color 66.2196, 54.8286, 74.8030 looks on a white background.

Color Contrast Check

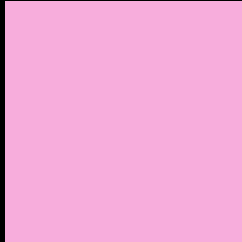
Large Text (above 18pt) WCAG AA × Fail

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 66.2196, 54.8286, 74.8030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

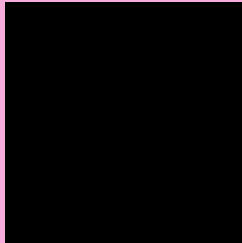
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2196, 54.8286, 74.8030

Background



This preview shows how black text looks on a background with the XYZ color 66.2196, 54.8286, 74.8030.



This preview shows how white text looks on a background with the XYZ color 66.2196, 54.8286,

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

66.2196, 54.8286, 74.8030

Protanopia

54.8821, 55.2155, 85.6070

Deuteranopia

56.3320, 55.2505, 73.3410



Tritanopia

62.7430, 54.8797, 57.1551

Trichromacy



Original Color

66.2196, 54.8286, 74.8030



Protanomaly

57.9963, 54.3303, 81.5588



Deuteranomaly

59.3106, 54.5586, 73.7345



Tritanomaly

63.8422, 54.7274, 63.0757

Monochromacy



Original Color

66.2196, 54.8286, 74.8030



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.2912, 56.0836, 66.7844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2196, 54.8286, 74.8030 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(247, 173, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 173, 220) }
```

Border

The CSS property to change the border of an element to XYZ 66.2196, 54.8286, 74.8030 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, 220) }
```


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

```
.border{ border-color:rgb(247, 173, 220) }
```

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, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 173, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 173, 220);  
box-shadow:4px 4px 4px 4px rgb(247, 173,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2196, 54.8286, 74.8030 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, 220) }
```

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

```
.background{ background-color: rgb(247,  
173, 220) }
```

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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