

Converting Colors

XYZ(71.0242, 60.4657, 74.6335)

Have a look what the booklet for
XYZ(71.0242, 60.4657, 74.6335)
contains.

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Color

**XYZ(71.1667, 60.6555,
74.9746)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8DB
RGB	255, 184, 219
RGB Percent	100%, 72%, 86%
CMY	0.0000, 0.2784, 0.1412
CMYK	0.00, 0.28, 0.14, 0.00
HSL	330°, 100%, 86%
HSV	330°, 28%, 100%
XYZ	71.1667, 60.6555, 74.9746
YIQ	209.2190, 31.0810, 25.9370

Conversions

Conversions Part 2

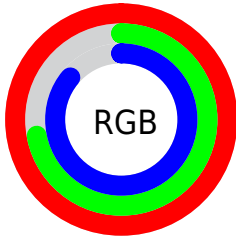
Format	Color
R _Y B	255, 184, 219
Decimal	16759003
CIE Lab	82.19, 30.78, -7.31
CIE LCh	82, 31.638, 346.639
Yxy	60.6555, 0.3441, 0.2933
Android (android.graphics.Color)	4294949083 (0xFFFFB8DB)
YUV	209.2190, 4.8220, 40.1499
Hunter-Lab	77.8816, 26.8169, -2.5598

Details

The XYZ color **71.1667, 60.6555, 74.9746** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.4476, 86.8787, 80.8753**, and the grayscale version is **60.7039, 63.8653, 69.5493**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **37.7094, 30.5159, 39.0246** is the 20% darker color. If you saturate the color by 10%, you get **64.7026, 50.3464, 64.7453**, and if you desaturate by 10%, it is **78.7206, 72.9320, 86.2211**.

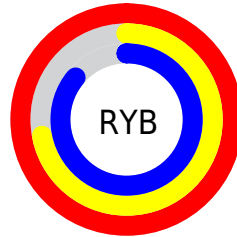
Distribution



Red (100%)

Green (72%)

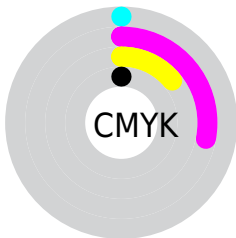
Blue (86%)



Red (100%)

Yellow (72%)

Blue (86%)

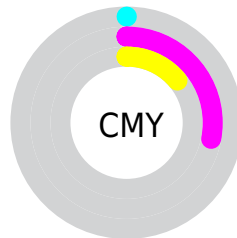


Cyan (0%)

Magenta (28%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.1667, 60.6555, 74.9746 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 71.1667, 60.6555, 74.9746 by changing the saturation by 10% instead.


 71.1667, 60.6555,
74.9746

 71.1667, 60.6555,
74.9746


453.8387,
427.0097, 497.0834

 52.7613, 43.9472,
55.0905


 119.8883,
105.7800, 128.0232

 37.8389, 30.6290,
39.0751


150.9351,
134.9649, 162.0247

 26.0344, 20.3165,
26.5099


186.9265,
169.0776, 201.5691

 16.9822, 12.6253,
16.9763

228.2278,
208.5023, 247.0750

 10.3170, 7.1711,
10.0558

275.2043,
253.6235, 298.9608

 5.6735, 3.5693,
5.3299

328.2214,

 2.6864, 1.4357,

304.8255, 357.6451

2.3800

387.6444,
362.4928, 423.5464

■ 0.9902, 0.2428,
0.7755

■ 0.0000, 0.0000,
0.0000

■ 71.1667, 60.6555,
74.9746

■ 71.1667, 60.6555,
74.9746

■ 64.7026, 50.3464,
64.7453

■ 78.7206, 72.9320,
86.2211

■ 59.2697, 41.8933,
55.4967

■ 87.4104, 87.2643,
98.5122

■ 54.8103, 35.1851,
47.1950

95.0500, 100.0000,
108.9000

■ 51.2587, 30.0959,
39.8025

■ 48.5407, 26.4824,
33.2780

■ 46.5691, 24.1759,
27.5752

■ 45.2283, 22.9510,
22.6374

■ 44.9864, 22.7585,
21.6581

Harmonies

Analogous

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



67.5708, 60.6555, 94.8667



71.1667, 60.6555, 74.9746



70.9467, 60.6555, 55.9987

Triad

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



71.1667, 60.6555, 74.9746



54.0280, 60.6555, 36.5407



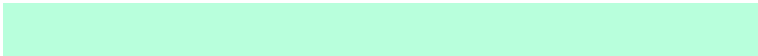
49.2224, 60.6555, 96.7861

Complementary

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



71.1667, 60.6555, 74.9746



68.4476, 86.8787, 80.8753

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.



46.1301, 60.6555, 77.2230



71.1667, 60.6555, 74.9746



48.7533, 60.6555, 43.7440

Square

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



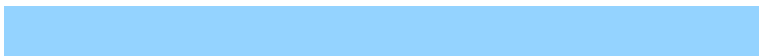
71.1667, 60.6555, 74.9746



60.6907, 60.6555, 36.1725



45.9654, 60.6555, 57.8515



54.7149, 60.6555, 109.0141

Rectangle

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



71.1667, 60.6555, 74.9746



68.6598, 60.6555, 46.3201



45.9654, 60.6555, 57.8515



47.8871, 60.6555, 90.6954

Sweetspot

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



71.1681, 60.6581, 74.9758



87.2628, 87.0194, 98.3081



64.5568, 56.6418, 102.1382



18.3826, 18.1364, 20.6322



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.



71.1681, 60.6581, 74.9758



67.6999, 55.0993, 69.5729



67.0342, 59.0045, 53.2067



18.3826, 18.1364, 20.6322



23.5814, 11.9219, 11.7122



2.3511, 1.1828, 1.4302

Inverse Universe

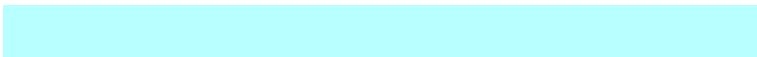
The Inverse Universe completely reimagines the original color for something new.



71.1681, 60.6581, 74.9758



67.6999, 55.0993, 69.5729



73.5786, 88.9311, 107.8952



18.3826, 18.1364, 20.6322



23.5814, 11.9219, 11.7122



2.3511, 1.1828, 1.4302

Previews

White Background



This preview shows how the XYZ color 71.1667, 60.6555, 74.9746 looks on a white background.

Color Contrast Check

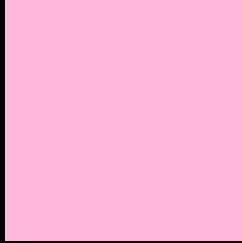
Large Text (above 18pt) WCAG AA × Fail

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 71.1667, 60.6555, 74.9746 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 71.1667, 60.6555, 74.9746

Background



This preview shows how black text looks on a background with the XYZ color 71.1667, 60.6555, 74.9746.



This preview shows how white text looks on a background with the XYZ color 71.1667, 60.6555,

74.9746.

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

71.1667, 60.6555, 74.9746

Protanopia

59.8671, 60.8989, 84.2006

Deuteranopia

62.0315, 60.8648, 73.4444



Tritanopia

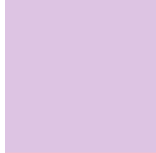
68.8210, 60.6403, 63.3358

Trichromacy



Original Color

71.1667, 60.6555, 74.9746



Protanomaly

63.4238, 60.3981, 80.9882



Deuteranomaly

65.0949, 60.7491, 73.9405



Tritanomaly

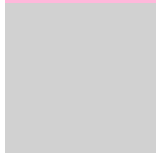
69.8171, 60.7427, 67.7193

Monochromacy



Original Color

71.1667, 60.6555, 74.9746



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.0285, 62.2814, 71.5976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1667, 60.6555, 74.9746 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(255, 184, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 219)  
}
```

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(255, 184, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 219) }
```

Border

The CSS property to change the border of an element to XYZ 71.1667, 60.6555, 74.9746 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(255, 184, 219) }
```


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

```
.border{ border-color:rgb(255, 184, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1667, 60.6555, 74.9746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 219) }
```

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

```
.background{ background-color: rgb(255,  
184, 219) }
```

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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