

Converting Colors

XYZ(74.4167, 66.4975, 78.0865)

Have a look what the booklet for
XYZ(74.4167, 66.4975, 78.0865)
contains.

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Color

**XYZ(74.3911, 66.4664,
78.0157)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5DE
RGB	255, 197, 222
RGB Percent	100%, 77%, 87%
CMY	0.0000, 0.2274, 0.1294
CMYK	0.00, 0.23, 0.13, 0.00
HSL	334°, 100%, 89%
HSV	334°, 23%, 100%
XYZ	74.3911, 66.4664, 78.0157
YIQ	217.1920, 26.5430, 20.0710

Conversions

Conversions Part 2

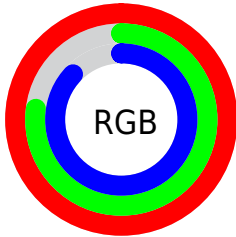
Format	Color
R _Y B	255, 197, 222
Decimal	16762334
CIE Lab	85.23, 24.43, -4.43
CIE LCh	85, 24.829, 349.734
Yxy	66.4664, 0.3399, 0.3037
Android (android.graphics.Color)	4294952414 (0xFFFFC5DE)
YUV	217.1920, 2.3703, 33.1576
Hunter-Lab	81.5269, 20.2043, 0.3324

Details

The XYZ color **74.3911, 66.4664, 78.0157** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0711, 89.1045, 88.2140**, and the grayscale version is **66.0578, 69.4980, 75.6833**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **40.0862, 34.4407, 41.0942** is the 20% darker color. If you saturate the color by 10%, you get **67.2214, 55.1064, 66.4408**, and if you desaturate by 10%, it is **82.7105, 79.8576, 90.8013**.

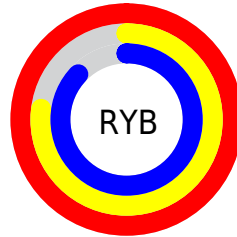
Distribution



Red (100%)

Green (77%)

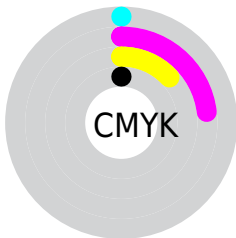
Blue (87%)



Red (100%)

Yellow (77%)

Blue (87%)

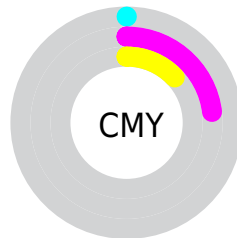


Cyan (0%)

Magenta (23%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3911, 66.4664, 78.0157 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 74.3911, 66.4664, 78.0157 by changing the saturation by 10% instead.


 74.3911, 66.4664,
78.0157

 74.3911, 66.4664,
78.0157


464.8516,
448.0430, 507.7495

 55.4066, 48.6511,
57.5704


124.4426,
114.1555, 132.3583

 39.9625, 34.3428,
41.0509

156.2403,
144.7981, 167.0927

 27.6934, 23.1571,
28.0389


193.0398,
180.4852, 207.4271

 18.2339, 14.7095,
18.1157

235.2065,
221.6013, 253.7802

 11.2188, 8.6158,
10.8628

283.1056,
268.5307, 306.5704

 6.2826, 4.4914,
5.8616

337.1026,

 3.0599, 1.9521,

321.6579, 366.2163

2.6937

397.5628,
381.3672, 433.1365

■ 1.1855, 0.5794,
0.9403

■ 0.0949, 0.0000,
0.0000

■ 74.3911, 66.4664,
78.0157

■ 74.3911, 66.4664,
78.0157

■ 67.2214, 55.1064,
66.4408

■ 82.7105, 79.8576,
90.8013

■ 61.1435, 45.6691,
56.0341

■ 92.2250, 95.3648,
104.8301

■ 56.1009, 38.0483,
46.7560

95.0500, 100.0000,
108.9000

■ 52.0303, 32.1245,
38.5629

■ 48.8605, 27.7632,
31.4076

■ 46.5101, 24.8095,
25.2384

■ 44.8812, 23.0758,
19.9965

■ 44.0493, 22.3837,
16.7235

Harmonies

Analogous

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



71.7657, 66.4664, 94.2245



74.3911, 66.4664, 78.0157



73.8786, 66.4664, 62.4351

Triad

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



74.3911, 66.4664, 78.0157



59.6025, 66.4664, 47.0182



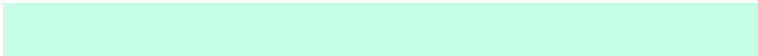
56.4573, 66.4664, 98.5882

Complementary

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



74.3911, 66.4664, 78.0157



73.0711, 89.1045, 88.2140

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.



53.5574, 66.4664, 83.3079



74.3911, 66.4664, 78.0157



55.2976, 66.4664, 54.1875

Square

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



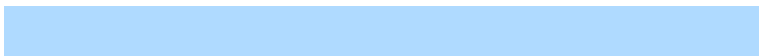
74.3911, 66.4664, 78.0157



65.1158, 66.4664, 46.0355



53.1458, 66.4664, 67.0046



61.2718, 66.4664, 107.2138

Rectangle

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



74.3911, 66.4664, 78.0157



71.8358, 66.4664, 54.3690



53.1458, 66.4664, 67.0046



55.2387, 66.4664, 93.9627

Sweetspot

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



74.3926, 66.4692, 78.0171



88.0252, 88.4983, 98.7033



70.6088, 63.9566, 103.2311



18.7174, 18.7407, 20.9446



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.



74.3926, 66.4692, 78.0171



71.2025, 61.3898, 72.9433



72.1756, 67.0052, 61.9561



18.3344, 18.1171, 20.3780



23.0881, 11.7245, 9.1146



2.3015, 1.1630, 1.1692

Inverse Universe

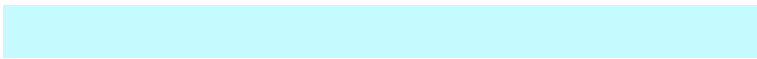
The Inverse Universe completely reimagines the original color for something new.



74.3926, 66.4692, 78.0171



71.2025, 61.3898, 72.9433



75.6165, 88.1691, 107.6407



18.3344, 18.1171, 20.3780



23.0881, 11.7245, 9.1146



2.3015, 1.1630, 1.1692

Previews

White Background



This preview shows how the XYZ color 74.3911, 66.4664, 78.0157 looks on a white background.

Color Contrast Check

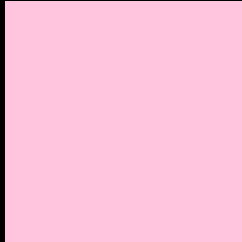
Large Text (above 18pt) WCAG AA × Fail

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 74.3911, 66.4664, 78.0157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

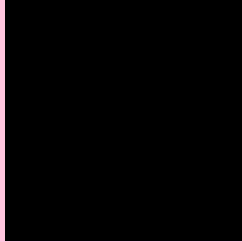
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3911, 66.4664, 78.0157

Background



This preview shows how black text looks on a background with the XYZ color 74.3911, 66.4664, 78.0157.



This preview shows how white text looks on a background with the XYZ color 74.3911, 66.4664,

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

74.3911, 66.4664, 78.0157

Protanopia

65.1187, 66.8535, 85.0732

Deuteranopia

68.1861, 66.7819, 77.0065



Tritanopia

73.2047, 66.3140, 72.5599

Trichromacy



Original Color

74.3911, 66.4664, 78.0157

Protanomaly

68.3113, 66.7211, 82.6768

Deuteranomaly

70.3423, 66.4576, 77.5268

Tritanomaly

73.5915, 66.4688, 74.5967

Monochromacy



Original Color

74.3911, 66.4664, 78.0157

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.7878, 68.1966, 76.5556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3911, 66.4664, 78.0157 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, 197, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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(255, 197, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.3911, 66.4664, 78.0157 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, 197, 222) }
```


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

```
.border{ border-color:rgb(255, 197, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3911, 66.4664, 78.0157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 222) }
```

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

```
.background{ background-color: rgb(255,  
197, 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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