

Converting Colors

XYZ(74.8414, 67.0146, 79.2413)

Have a look what the booklet for
XYZ(74.8414, 67.0146, 79.2413)
contains.

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Color

**XYZ(74.8886, 67.0300,
79.5120)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6E0
RGB	255, 198, 224
RGB Percent	100%, 78%, 88%
CMY	0.0000, 0.2235, 0.1216
CMYK	0.00, 0.22, 0.12, 0.00
HSL	333°, 100%, 89%
HSV	333°, 22%, 100%
XYZ	74.8886, 67.0300, 79.5120
YIQ	218.0070, 25.6260, 20.1700

Conversions

Conversions Part 2

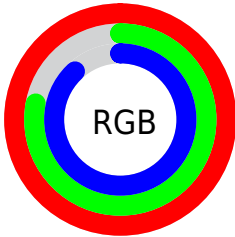
Format	Color
R _Y B	255, 198, 224
Decimal	16762592
CIE Lab	85.52, 24.23, -5.07
CIE LCh	86, 24.752, 348.180
Yxy	67.0300, 0.3382, 0.3027
Android (android.graphics.Color)	4294952672 (0xFFFFC6E0)
YUV	218.0070, 2.9545, 32.4429
Hunter-Lab	81.8719, 19.9991, -0.2707

Details

The XYZ color **74.8886, 67.0300, 79.5120** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.1939, 89.1840, 87.4888**, and the grayscale version is **66.6147, 70.0839, 76.3214**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4234, 34.8169, 42.1259** is the 20% darker color. If you saturate the color by 10%, you get **67.7383, 55.6178, 68.2241**, and if you desaturate by 10%, it is **83.1767, 80.4717, 91.9380**.

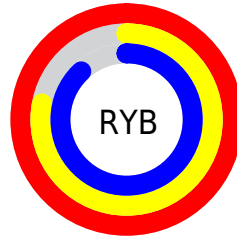
Distribution



Red (100%)

Green (78%)

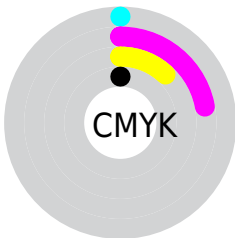
Blue (88%)



Red (100%)

Yellow (78%)

Blue (88%)

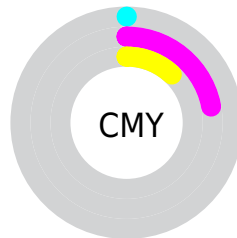


Cyan (0%)

Magenta (22%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8886, 67.0300, 79.5120 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 74.8886, 67.0300, 79.5120 by changing the saturation by 10% instead.

74.8886, 67.0300,
79.5120

74.8886, 67.0300,
79.5120

466.5377,
450.0515, 512.9500

55.8155, 49.1090,
58.7931

125.1434,
114.9634, 134.4846

40.2914, 34.7060,
42.0276

157.0558,
145.7446, 169.5753

27.9511, 23.4365,
28.7972

193.9787,
181.5813, 210.2938

18.4290, 14.9161,
18.6832

236.2774,
222.8579, 257.0584

11.3600, 8.7605,
11.2671

284.3173,
269.9589, 310.2878

6.3786, 4.5853,
6.1304

338.4637,

3.1195, 2.0061,

323.2685, 370.4005

2.8544

399.0821,
383.1713, 437.8151

■ 1.2172, 0.6110,
1.0208

■ 0.1199, 0.0000,
0.0000

■ 74.8886, 67.0300,
79.5120

■ 74.8886, 67.0300,
79.5120

■ 67.7383, 55.6178,
68.2241

■ 83.1767, 80.4717,
91.9380

■ 61.6684, 46.1268,
58.0345

■ 92.6471, 96.0269,
105.5316

■ 56.6232, 38.4518,
48.9069

95.0500, 100.0000,
108.9000

■ 52.5402, 32.4736,
40.8010

■ 49.3494, 28.0589,
33.6733

■ 46.9704, 25.0539,
27.4758

■ 45.3068, 23.2732,
22.1541

■ 44.4102, 22.5281,
18.6243

Harmonies

Analogous

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



72.1114, 67.0300, 95.6376



74.8886, 67.0300, 79.5120



74.5434, 67.0300, 63.7439

Triad

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



74.8886, 67.0300, 79.5120



60.3961, 67.0300, 47.3427



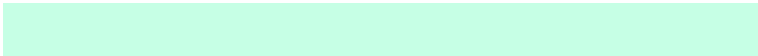
56.7697, 67.0300, 98.5759

Complementary

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



74.8886, 67.0300, 79.5120



73.1939, 89.1840, 87.4888

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.



53.9806, 67.0300, 83.0771



74.8886, 67.0300, 79.5120



55.9879, 67.0300, 54.2243

Square

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



74.8886, 67.0300, 79.5120



65.9503, 67.0300, 46.6796



53.7031, 67.0300, 66.8240



61.5210, 67.0300, 107.6783

Rectangle

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



74.8886, 67.0300, 79.5120



72.5918, 67.0300, 55.4696



53.7031, 67.0300, 66.8240



55.5839, 67.0300, 93.8449

Sweetspot

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



74.8902, 67.0328, 79.5134



88.0936, 88.5257, 99.0638



70.3684, 64.1709, 103.2852



18.7333, 18.7471, 21.0280



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.



74.8902, 67.0328, 79.5134



71.4269, 61.4796, 74.1254



72.0662, 66.6025, 62.4870



18.3539, 18.1249, 20.4808



23.2785, 11.8007, 10.1170



2.3209, 1.1707, 1.2710

Inverse Universe

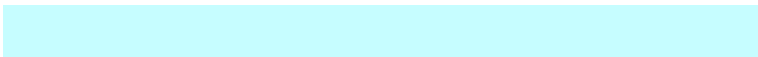
The Inverse Universe completely reimagines the original color for something new.



74.8902, 67.0328, 79.5134



71.4269, 61.4796, 74.1254



76.4972, 89.5404, 107.8589



18.3539, 18.1249, 20.4808



23.2785, 11.8007, 10.1170



2.3209, 1.1707, 1.2710

Previews

White Background



This preview shows how the XYZ color 74.8886, 67.0300, 79.5120 looks on a white background.

Color Contrast Check

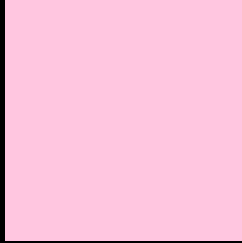
Large Text (above 18pt) WCAG AA × Fail

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 74.8886, 67.0300, 79.5120 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 74.8886, 67.0300, 79.5120

Background



This preview shows how black text looks on a background with the XYZ color 74.8886, 67.0300, 79.5120.



This preview shows how white text looks on a background with the XYZ color 74.8886, 67.0300,

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

74.8886, 67.0300, 79.5120

Protanopia

65.6536, 67.4687, 86.6532

Deuteranopia

68.6957, 67.3746, 78.4912



Tritanopia

73.7931, 67.2857, 73.3881

Trichromacy



Original Color

74.8886, 67.0300, 79.5120

Protanomaly

68.8337, 67.3189, 84.2288

Deuteranomaly

70.8473, 67.0387, 79.0177

Tritanomaly

73.9514, 66.9796, 75.3604

Monochromacy



Original Color

74.8886, 67.0300, 79.5120

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

69.1675, 68.7448, 77.3337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8886, 67.0300, 79.5120 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, 198, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 224)  
}
```

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, 198, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.8886, 67.0300, 79.5120 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, 198, 224) }
```


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

```
.border{ border-color:rgb(255, 198, 224) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8886, 67.0300, 79.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 224) }
```

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

```
.background{ background-color: rgb(255,  
198, 224) }
```

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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