

Converting Colors

XYZ(76.1864, 67.3468, 86.9696)

Have a look what the booklet for
XYZ(76.1864, 67.3468, 86.9696)
contains.

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Color

**XYZ(76.0575, 67.1330,
86.7912)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5EA
RGB	255, 197, 234
RGB Percent	100%, 77%, 92%
CMY	0.0000, 0.2274, 0.0823
CMYK	0.00, 0.23, 0.08, 0.00
HSL	322°, 100%, 89%
HSV	322°, 23%, 100%
XYZ	76.0575, 67.1330, 86.7912
YIQ	218.5600, 22.6910, 23.8030

Conversions

Conversions Part 2

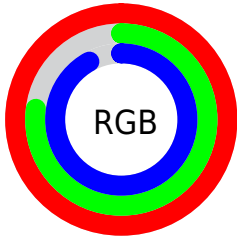
Format	Color
R _Y B	255, 197, 234
Decimal	16762346
CIE Lab	85.57, 26.39, -10.32
CIE LCh	86, 28.338, 338.650
Yxy	67.1330, 0.3307, 0.2919
Android (android.graphics.Color)	4294952426 (0xFFFFC5EA)
YUV	218.5600, 7.6119, 31.9579
Hunter-Lab	81.9347, 22.3103, -5.4500

Details

The XYZ color **76.0575, 67.1330, 86.7912** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.4430, 88.4533, 79.6406**, and the grayscale version is **66.9667, 70.4542, 76.7246**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **41.1470, 34.8650, 46.6804** is the 20% darker color. If you saturate the color by 10%, you get **69.4576, 56.0009, 78.2168**, and if you desaturate by 10%, it is **83.7090, 80.2570, 96.0589**.

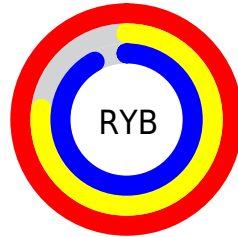
Distribution



Red (100%)

Green (77%)

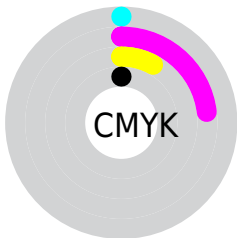
Blue (92%)



Red (100%)

Yellow (77%)

Blue (92%)

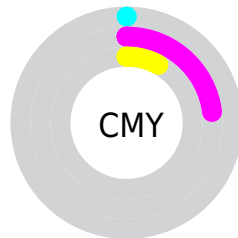


Cyan (0%)

Magenta (23%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0575, 67.1330, 86.7912 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 76.0575, 67.1330, 86.7912 by changing the saturation by 10% instead.


 76.0575, 67.1330,
86.7912

 76.0575, 67.1330,
86.7912


470.4859,
450.4180, 537.8349

 56.7769, 49.1927,
64.7638


126.7881,
115.1110, 144.7694

 41.0656, 34.7724,
46.8194

158.9688,
145.9174, 181.5572

 28.5582, 23.4876,
32.5396


196.1802,
181.7814, 224.1023

 18.8895, 14.9540,
21.5058

238.7878,
223.0873, 272.8231

 11.6940, 8.7871,
13.2994

287.1567,
270.2196, 328.1382

 6.6064, 4.6026,
7.5019

341.6525,

 3.2613, 2.0160,

323.5625, 390.4662

3.6947

402.6404,
383.5005, 460.2256

■ 1.2934, 0.6168,
1.4594

■ 0.1783, 0.0000,
0.1874

■ 76.0575, 67.1330,
86.7912

■ 76.0575, 67.1330,
86.7912

■ 69.4576, 56.0009,
78.2168

■ 83.7090, 80.2570,
96.0589

■ 63.8544, 46.7534,
70.3098

■ 92.4541, 95.4564,
106.0365

■ 59.1948, 39.2859,
63.0479

95.0500, 100.0000,
108.9000

■ 55.4187, 33.4799,
56.4059

■ 52.4587, 29.2025,
50.3558

■ 50.2374, 26.3004,
44.8659

■ 48.6607, 24.5877,
39.8993

■ 47.8212, 23.8925,
36.5860

Harmonies

Analogous

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



71.8634, 67.1330, 104.4589



76.0575, 67.1330, 86.7912



76.8578, 67.1330, 67.8885

Triad

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



76.0575, 67.1330, 86.7912



61.9625, 67.1330, 43.3282



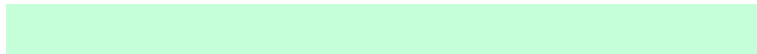
54.6123, 67.1330, 97.5740

Complementary

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



76.0575, 67.1330, 86.7912



71.4430, 88.4533, 79.6406

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.



52.3257, 67.1330, 78.5641



76.0575, 67.1330, 86.7912



56.3781, 67.1330, 48.7384

Square

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



76.0575, 67.1330, 86.7912



68.4259, 67.1330, 44.7776



52.9497, 67.1330, 60.9238



59.4025, 67.1330, 111.3771

Rectangle

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



76.0575, 67.1330, 86.7912



75.3105, 67.1330, 57.3689



52.9497, 67.1330, 60.9238



53.5406, 67.1330, 91.4639

Sweetspot

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



76.0591, 67.1358, 86.7926



88.5943, 88.7260, 101.7006



66.7233, 61.9535, 103.0493



18.8492, 18.7935, 21.6388



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.



76.0591, 67.1358, 86.7926



73.1234, 62.1582, 83.0585



72.3124, 65.6371, 67.0628



18.4972, 18.1822, 21.2353



25.0617, 12.5140, 19.5073



2.4926, 1.2394, 2.1753

Inverse Universe

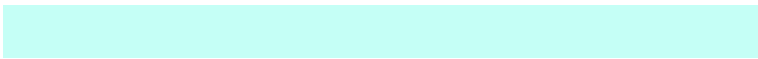
The Inverse Universe completely reimagines the original color for something new.



76.0591, 67.1358, 86.7926



73.1234, 62.1582, 83.0585



75.4683, 90.0634, 100.8375



18.4972, 18.1822, 21.2353



25.0617, 12.5140, 19.5073



2.4926, 1.2394, 2.1753

Previews

White Background



This preview shows how the XYZ color 76.0575, 67.1330, 86.7912 looks on a white background.

Color Contrast Check

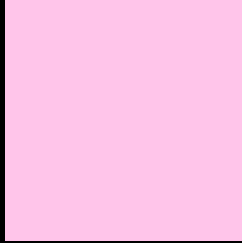
Large Text (above 18pt) WCAG AA × Fail

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 76.0575, 67.1330, 86.7912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

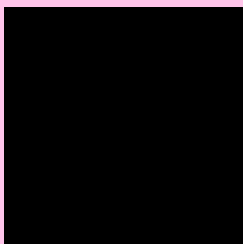
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0575, 67.1330, 86.7912

Background



This preview shows how black text looks on a background with the XYZ color 76.0575, 67.1330, 86.7912.



This preview shows how white text looks on a background with the XYZ color 76.0575, 67.1330,

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

76.0575, 67.1330, 86.7912

Protanopia

66.4179, 67.6755, 95.1500

Deuteranopia

68.7999, 67.2688, 85.7020



Tritanopia

73.5570, 67.1491, 74.0499

Trichromacy



Original Color

76.0575, 67.1330, 86.7912



Protanomaly

69.4050, 67.0857, 91.7289



Deuteranomaly

71.2259, 67.0734, 86.2833



Tritanomaly

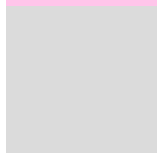
74.6158, 67.2454, 78.8590

Monochromacy



Original Color

76.0575, 67.1330, 86.7912



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.0275, 69.1262, 80.1728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0575, 67.1330, 86.7912 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 234) }
```

Border

The CSS property to change the border of an element to XYZ 76.0575, 67.1330, 86.7912 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, 234) }
```


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

```
.border{ border-color:rgb(255, 197, 234) }
```

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, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0575, 67.1330, 86.7912 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, 234) }
```

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

```
.background{ background-color: rgb(255,  
197, 234) }
```

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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