

Converting Colors

XYZ(76.1049, 67.8466, 84.8990)

Have a look what the booklet for
XYZ(76.1049, 67.8466, 84.8990)
contains.

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Color

**XYZ(76.0872, 67.8764,
84.6925)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7E7
RGB	255, 199, 231
RGB Percent	100%, 78%, 91%
CMY	0.0000, 0.2196, 0.0941
CMYK	0.00, 0.22, 0.09, 0.00
HSL	326°, 100%, 89%
HSV	326°, 22%, 100%
XYZ	76.0872, 67.8764, 84.6925
YIQ	219.3920, 23.1040, 21.8240

Conversions

Conversions Part 2

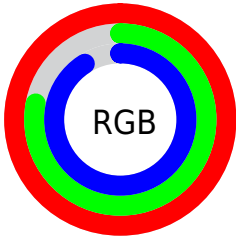
Format	Color
R_{YB}	255, 199, 231
Decimal	16762855
CIE _{Lab}	85.94, 24.84, -8.17
CIE _{LCh}	86, 26.151, 341.805
Yxy	67.8764, 0.3328, 0.2968
Android (android.graphics.Color)	4294952935 (0xFFFFC7E7)
YUV	219.3920, 5.7227, 31.2282
Hunter-Lab	82.3871, 20.6731, -3.2781

Details

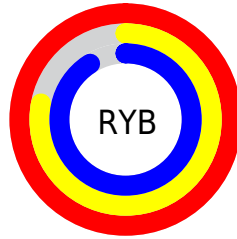
The XYZ color **76.0872, 67.8764, 84.6925** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.6347, 88.9909, 83.1642**, and the grayscale version is **67.5558, 71.0740, 77.3996**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1520, 35.3517, 45.2121** is the 20% darker color. If you saturate the color by 10%, you get **69.2086, 56.5127, 75.0205**, and if you desaturate by 10%, it is **84.0484, 81.2504, 95.2027**.

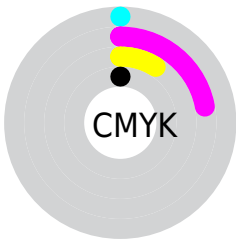
Distribution



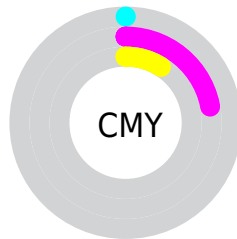
- Red (100%)
- Green (78%)
- Blue (91%)



- Red (100%)
- Yellow (78%)
- Blue (91%)



- Cyan (0%)
- Magenta (22%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0872, 67.8764, 84.6925 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 76.0872, 67.8764, 84.6925 by changing the saturation by 10% instead.

 76.0872, 67.8764,
84.6925

 76.0872, 67.8764,
84.6925

470.5860,
453.0580, 530.7280

 56.8013, 49.7972,
63.0386

126.8299,
116.1753, 141.8138

 41.0853, 35.2523,
45.4313


159.0174,
147.1638, 178.1184

 28.5737, 23.8573,
31.4518


196.2361,
183.2242, 220.1435

 18.9012, 15.2278,
20.6818

238.8514,
224.7408, 268.3079

 11.7025, 8.9794,
12.7026

287.2287,
272.0981, 323.0300

 6.6122, 4.7277,
7.0958

341.7334,

 3.2649, 2.0884,

325.6805, 384.7284

3.4427

402.7306,
385.8723, 453.8215

■ 1.2954, 0.6581,
1.3249

■ 0.1797, 0.0000,
0.0821

■ 76.0872, 67.8764,
84.6925

■ 76.0872, 67.8764,
84.6925

■ 69.2086, 56.5127,
75.0205

■ 84.0484, 81.2504,
95.2027

■ 63.3572, 47.0522,
66.1571

■ 93.1348, 96.7179,
106.5710

■ 58.4796, 39.3908,
58.0763

95.0500, 100.0000,
108.9000

■ 54.5154, 33.4106,
50.7491

■ 51.3972, 28.9798,
44.1436

■ 49.0476, 25.9466,
38.2241

■ 47.3734, 24.1280,
32.9496

■ 46.4056, 23.3262,
29.1318

Harmonies

Analogous

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



72.5012, 67.8764, 101.3236



76.0872, 67.8764, 84.6925



76.4588, 67.8764, 67.3607

Triad

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



76.0872, 67.8764, 84.6925



62.1867, 67.8764, 46.0901



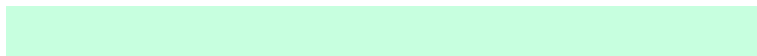
56.3037, 67.8764, 98.1482

Complementary

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



76.0872, 67.8764, 84.6925



72.6347, 88.9909, 83.1642

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.



53.8838, 67.8764, 80.8618



76.0872, 67.8764, 84.6925



57.1370, 67.8764, 51.9424

Square

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



76.0872, 67.8764, 84.6925



68.1784, 67.8764, 46.7884



54.1791, 67.8764, 64.0763



60.9842, 67.8764, 109.8822

Rectangle

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



76.0872, 67.8764, 84.6925



74.8068, 67.8764, 57.8481



54.1791, 67.8764, 64.0763



55.2124, 67.8764, 92.6900

Sweetspot

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



76.0888, 67.8792, 84.6939



88.4101, 88.6523, 100.7307



68.7023, 63.6525, 103.2729



18.8066, 18.7764, 21.4140



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.



76.0888, 67.8792, 84.6939



73.1809, 63.0494, 80.6851



72.5246, 66.4536, 65.9252



18.4444, 18.1611, 20.9572



24.3243, 12.2190, 15.6239



2.4231, 1.2116, 1.8096

Inverse Universe

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



76.0888, 67.8792, 84.6939



73.1809, 63.0494, 80.6851



76.6225, 90.5860, 104.1636



18.4444, 18.1611, 20.9572



24.3243, 12.2190, 15.6239



2.4231, 1.2116, 1.8096

Previews

White Background



This preview shows how the XYZ color 76.0872, 67.8764, 84.6925 looks on a white background.

Color Contrast Check

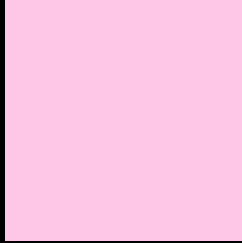
Large Text (above 18pt) WCAG AA × Fail

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 76.0872, 67.8764, 84.6925 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 76.0872, 67.8764, 84.6925

Background



This preview shows how black text looks on a background with the XYZ color 76.0872, 67.8764, 84.6925.



This preview shows how white text looks on a background with the XYZ color 76.0872, 67.8764,

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

76.0872, 67.8764, 84.6925

Protanopia

66.9261, 68.3815, 92.1096

Deuteranopia

69.5764, 68.0811, 83.6026



Tritanopia

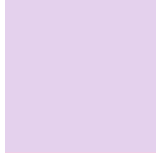
73.9190, 67.6657, 74.8105

Trichromacy



Original Color

76.0872, 67.8764, 84.6925



Protanomaly

70.0814, 68.2093, 89.5928



Deuteranomaly

71.7109, 67.7265, 84.1559



Tritanomaly

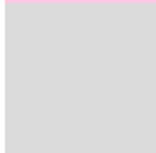
74.7121, 67.6533, 78.2279

Monochromacy



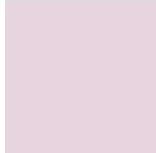
Original Color

76.0872, 67.8764, 84.6925



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.1415, 69.5705, 79.5436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0872, 67.8764, 84.6925 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, 199, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 231)  
}
```

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, 199, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 231) }
```

Border

The CSS property to change the border of an element to XYZ 76.0872, 67.8764, 84.6925 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, 199, 231) }
```


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

```
.border{ border-color:rgb(255, 199, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0872, 67.8764, 84.6925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 231) }
```

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

```
.background{ background-color: rgb(255,  
199, 231) }
```

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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