

Converting Colors

XYZ(84.9854, 72.0809, 85.1581)

Have a look what the booklet for
XYZ(84.9854, 72.0809, 85.1581)
contains.

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Color

**XYZ(75.8579, 67.4177,
84.6161)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6E7
RGB	255, 198, 231
RGB Percent	100%, 78%, 91%
CMY	0.0000, 0.2235, 0.0941
CMYK	0.00, 0.22, 0.09, 0.00
HSL	325°, 100%, 89%
HSV	325°, 22%, 100%
XYZ	75.8579, 67.4177, 84.6161
YIQ	218.8050, 23.3790, 22.3470

Conversions

Conversions Part 2

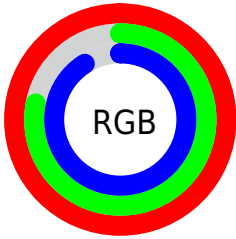
Format	Color
R _Y B	255, 198, 231
Decimal	16762599
CIE Lab	85.71, 25.37, -8.51
CIE LCh	86, 26.757, 341.461
Yxy	67.4177, 0.3329, 0.2958
Android (android.graphics.Color)	4294952679 (0xFFFFC6E7)
YUV	218.8050, 6.0121, 31.7430
Hunter-Lab	82.1083, 21.2224, -3.6251

Details

The XYZ color **75.8579, 67.4177, 84.6161** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.2357, 88.8008, 82.4436**, and the grayscale version is **67.1466, 70.6434, 76.9307**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9998, 35.0474, 45.1613** is the 20% darker color. If you saturate the color by 10%, you get **69.0423, 56.1393, 75.0906**, and if you desaturate by 10%, it is **83.7509, 80.7013, 94.9615**.

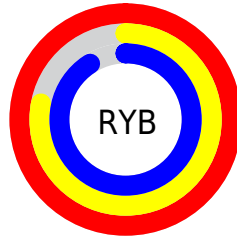
Distribution



Red (100%)

Green (78%)

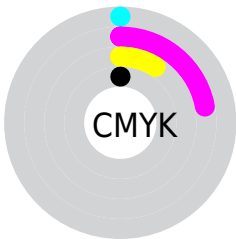
Blue (91%)



Red (100%)

Yellow (78%)

Blue (91%)

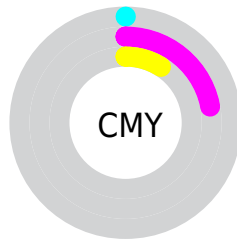


Cyan (0%)

Magenta (22%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8579, 67.4177, 84.6161 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 75.8579, 67.4177, 84.6161 by changing the saturation by 10% instead.


 75.8579, 67.4177,
84.6161

 75.8579, 67.4177,
84.6161


469.8130,
451.4301, 530.4683

 56.6126, 49.4242,
62.9759


126.5074,
115.5187, 141.7061

 40.9332, 34.9561,
45.3808

158.6424,
146.3950, 177.9929

 28.4544, 23.6290,
31.4124


195.8047,
182.3343, 219.9991

 18.8107, 15.0587,
20.6520

238.3597,
223.7210, 268.1431

 11.6367, 8.8606,
12.6811

286.6726,
270.9396, 322.8435

 6.5673, 4.6503,
7.0812

341.1089,

 3.2369, 2.0436,

324.3744, 384.5188

3.4337

402.0339,
384.4097, 453.5876

■ 1.2802, 0.6326,
1.3201

■ 0.1684, 0.0000,
0.0782

■ 75.8579, 67.4177,
84.6161

■ 75.8579, 67.4177,
84.6161

■ 69.0423, 56.1393,
75.0906

■ 83.7509, 80.7013,
94.9615

■ 63.2486, 46.7589,
66.3557

■ 92.7638, 96.0736,
106.1464

■ 58.4234, 39.1718,
58.3862

95.0500, 100.0000,
108.9000

■ 54.5061, 33.2599,
51.1532

■ 51.4291, 28.8908,
44.6253

■ 49.1146, 25.9116,
38.7673

■ 47.4687, 24.1379,
33.5385

■ 46.5557, 23.3863,
29.9223

Harmonies

Analogous

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



72.1646, 67.4177, 101.5753



75.8579, 67.4177, 84.6161



76.2782, 67.4177, 66.9304

Triad

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



75.8579, 67.4177, 84.6161



61.7754, 67.4177, 45.1551



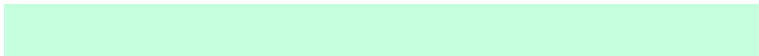
55.6824, 67.4177, 97.9765

Complementary

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



75.8579, 67.4177, 84.6161



72.2357, 88.8008, 82.4436

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.



53.2543, 67.4177, 80.2873



75.8579, 67.4177, 84.6161



56.6202, 67.4177, 50.9958

Square

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



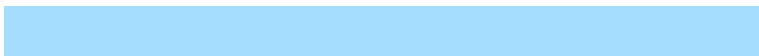
75.8579, 67.4177, 84.6161



67.8816, 67.4177, 45.9360



53.5864, 67.4177, 63.2332



60.4202, 67.4177, 110.0934

Rectangle

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



75.8579, 67.4177, 84.6161



74.6160, 67.4177, 57.2293



53.5864, 67.4177, 63.2332



54.5830, 67.4177, 92.3765

Sweetspot

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



75.8594, 67.4205, 84.6175



88.4309, 88.6606, 100.8400



68.2942, 63.1016, 103.1881



18.8114, 18.7783, 21.4394



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.



75.8594, 67.4205, 84.6175



72.5592, 61.9325, 80.0879



72.1858, 65.9510, 65.2725



18.4503, 18.1634, 20.9885



24.4026, 12.2503, 16.0365



2.4306, 1.2146, 1.8489

Inverse Universe

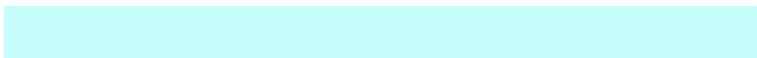
The Inverse Universe completely reimagines the original color for something new.



75.8594, 67.4205, 84.6175



72.5592, 61.9325, 80.0879



76.3449, 90.4444, 104.0823



18.4503, 18.1634, 20.9885



24.4026, 12.2503, 16.0365



2.4306, 1.2146, 1.8489

Previews

White Background



This preview shows how the XYZ color 75.8579, 67.4177, 84.6161 looks on a white background.

Color Contrast Check

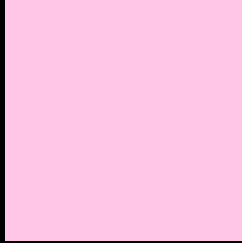
Large Text (above 18pt) WCAG AA × Fail

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 75.8579, 67.4177, 84.6161 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 75.8579, 67.4177, 84.6161

Background



This preview shows how black text looks on a background with the XYZ color 75.8579, 67.4177, 84.6161.



This preview shows how white text looks on a background with the XYZ color 75.8579, 67.4177,

84.6161.

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

75.8579, 67.4177, 84.6161

Protanopia

66.3864, 67.7287, 92.0121

Deuteranopia

69.0118, 67.4269, 83.5061



Tritanopia

73.7893, 67.6138, 74.1274

Trichromacy



Original Color

75.8579, 67.4177, 84.6161



Protanomaly

69.5205, 67.5571, 89.4965



Deuteranomaly

71.1357, 67.0760, 84.0606



Tritanomaly

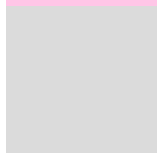
74.5785, 67.5998, 77.5240

Monochromacy



Original Color

75.8579, 67.4177, 84.6161



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

69.8923, 69.0720, 79.4606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8579, 67.4177, 84.6161 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 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, 198, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 231) }
```

Border

The CSS property to change the border of an element to XYZ 75.8579, 67.4177, 84.6161 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, 231) }
```


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

```
.border{ border-color:rgb(255, 198, 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, 198, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8579, 67.4177, 84.6161 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, 231) }
```

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

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