

Converting Colors

XYZ(75.6329, 67.5438, 93.4720)

Have a look what the booklet for
XYZ(75.6329, 67.5438, 93.4720)
contains.

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Color

**XYZ(75.6680, 67.4576,
93.8265)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C7F3
RGB	249, 199, 243
RGB Percent	98%, 78%, 95%
CMY	0.0235, 0.2196, 0.0471
CMYK	0.00, 0.20, 0.02, 0.02
HSL	307°, 81%, 88%
HSV	307°, 20%, 98%
XYZ	75.6680, 67.4576, 93.8265
YIQ	218.9660, 15.6760, 24.2840

Conversions

Conversions Part 2

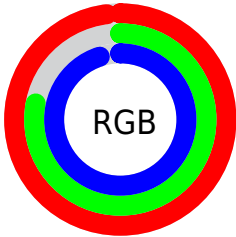
Format	Color
R _Y B	249, 199, 243
Decimal	16369651
CIE _{Lab}	85.73, 24.89, -14.92
CIE _{LCh}	86, 29.021, 329.072
Y _{xy}	67.4576, 0.3193, 0.2847
Android (android.graphics.Color)	4294559731 (0xFFFF9C7F3)
Y _{UV}	218.9660, 11.8488, 26.3398
Hunter-Lab	82.1326, 20.7184, -10.2388

Details

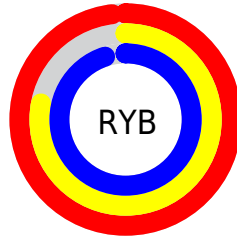
The XYZ color **75.6680, 67.4576, 93.8265** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.4510, 84.3033, 70.4257**, and the grayscale version is **67.2229, 70.7237, 77.0181**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8333, 35.0451, 51.6259** is the 20% darker color. If you saturate the color by 10%, you get **69.9540, 56.7449, 89.7139**, and if you desaturate by 10%, it is **82.3308, 80.0538, 98.2931**.

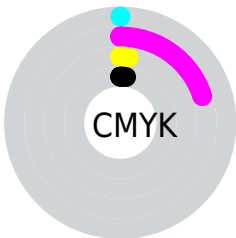
Distribution



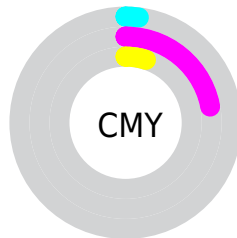
- Red (98%)
- Green (78%)
- Blue (95%)



- Red (98%)
- Yellow (78%)
- Blue (95%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6680, 67.4576, 93.8265 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 75.6680, 67.4576, 93.8265 by changing the saturation by 10% instead.

75.6680, 67.4576,
93.8265

75.6680, 67.4576,
93.8265

469.1723,
451.5719, 561.2894

56.4564, 49.4566,
70.5672

126.2404,
115.5759, 154.6240

40.8074, 34.9818,
51.5094

158.3318,
146.4619, 192.9992

28.3556, 23.6489,
36.2346

195.4473,
182.4118, 237.2501

18.7357, 15.0734,
24.3243

237.9522,
223.8098, 287.7953

11.5824, 8.8709,
15.3600

286.2117,
271.0404, 345.0533

6.5301, 4.6571,
8.9230


340.5914,


3.2137, 2.0475,


324.4881, 409.4426

4.5949


401.4565,
384.5371, 481.3818


 1.2678, 0.6348,
1.9570


 0.1589, 0.0000,
0.5287


 75.6680, 67.4576,
93.8265


 75.6680, 67.4576,
93.8265


 69.9540, 56.7449,
89.7139


 82.3308, 80.0538,
98.2931


 65.1371, 47.8158,
85.9357

 89.9786, 94.6096,
103.1237

 61.1699, 40.5745,
82.4767

 92.3929, 98.6862,
106.2463

 57.9983, 34.9128,
79.3185

 92.8702, 98.8771,
108.7601

■ 55.5619, 30.7100,
76.4410

■ 92.8775, 98.8800,
108.7983

■ 53.7915, 27.8277,
73.8209

■ 52.6047, 26.1011,
71.4305

■ 51.8691, 25.2607,
69.2409

Harmonies

Analogous

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



70.5030, 67.4576, 110.1444



75.6680, 67.4576, 93.8265



77.7056, 67.4576, 74.0422

Triad

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



75.6680, 67.4576, 93.8265



64.3229, 67.4576, 42.6949



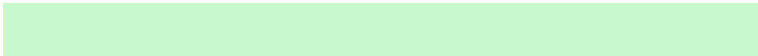
53.6214, 67.4576, 92.6271

Complementary

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



75.6680, 67.4576, 93.8265



68.4510, 84.3033, 70.4257

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.



52.2118, 67.4576, 72.8607



75.6680, 67.4576, 93.8265



58.1277, 67.4576, 45.9711

Square

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



75.6680, 67.4576, 93.8265



70.8843, 67.4576, 46.4047



53.8047, 67.4576, 56.2601



57.7937, 67.4576, 109.3723

Rectangle

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



75.6680, 67.4576, 93.8265



76.9159, 67.4576, 62.1697



53.8047, 67.4576, 56.2601



52.8220, 67.4576, 86.0180

Sweetspot

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



75.6700, 67.4606, 93.8279



90.0676, 90.5060, 105.7877



62.6561, 60.6452, 98.0272



19.1670, 19.1607, 22.5722



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.



75.6700, 67.4606, 93.8279



77.3771, 66.5105, 97.2862



72.1694, 66.0603, 75.3940



17.8981, 17.4866, 21.3190



27.7997, 13.5356, 37.2493



2.5993, 1.2634, 3.5791

Inverse Universe

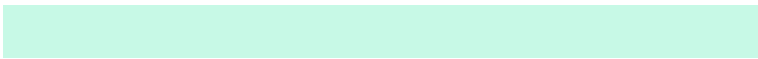
The Inverse Universe completely reimagines the original color for something new.



75.6700, 67.4606, 93.8279



77.3771, 66.5105, 97.2862



71.6908, 85.5992, 87.4863



17.8981, 17.4866, 21.3190



27.7997, 13.5356, 37.2493



2.5993, 1.2634, 3.5791

Previews

White Background



This preview shows how the XYZ color 75.6680, 67.4576, 93.8265 looks on a white background.

Color Contrast Check

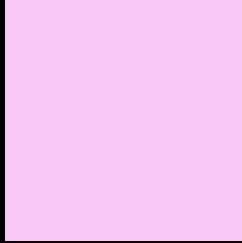
Large Text (above 18pt) WCAG AA × Fail

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 75.6680, 67.4576, 93.8265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

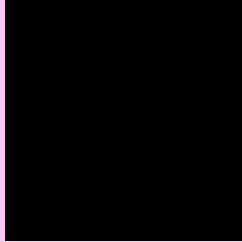
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6680, 67.4576, 93.8265

Background



This preview shows how black text looks on a background with the XYZ color 75.6680, 67.4576, 93.8265.



This preview shows how white text looks on a background with the XYZ color 75.6680, 67.4576,

93.8265.

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

75.6680, 67.4576, 93.8265

Protanopia

67.0971, 67.8822, 101.6616

Deuteranopia

69.1091, 67.6398, 92.6324



Tritanopia

72.1482, 67.4192, 76.2284

Trichromacy



Original Color

75.6680, 67.4576, 93.8265



Protanomaly

69.7790, 67.4809, 98.9699



Deuteranomaly

71.1370, 67.2293, 93.2316



Tritanomaly

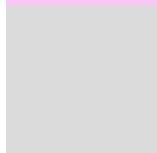
73.4819, 67.6167, 82.5772

Monochromacy



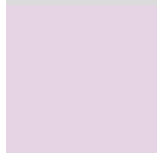
Original Color

75.6680, 67.4576, 93.8265



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.1802, 69.5114, 83.1169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6680, 67.4576, 93.8265 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(249, 199, 243)` looks like.

```
.text, #text, p{  
    color:rgb(249, 199, 243)  
}
```

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(249, 199, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 199, 243) }
```

Border

The CSS property to change the border of an element to XYZ 75.6680, 67.4576, 93.8265 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(249, 199, 243) }
```


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

```
.border{ border-color:rgb(249, 199, 243) }
```

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

Here you see how a box with a 4 pixel rgb(249, 199, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 199, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 199, 243);  
box-shadow:4px 4px 4px 4px rgb(249, 199,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6680, 67.4576, 93.8265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 199, 243) }
```

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

```
.background{ background-color: rgb(249,  
199, 243) }
```

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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