

Converting Colors

XYZ(75.1680, 64.7748, 98.7522)

Have a look what the booklet for
XYZ(75.1680, 64.7748, 98.7522)
contains.

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Color

**XYZ(75.1719, 64.7411,
98.9768)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F9C0FA |
| RGB | 249, 192, 250 |
| RGB Percent | 98%, 75%, 98% |
| CMY | 0.0235, 0.2470, 0.0196 |
| CMYK | 0.00, 0.23, 0.00, 0.02 |
| HSL | 299°, 85%, 87% |
| HSV | 299°, 23%, 98% |
| XYZ | 75.1719, 64.7411, 98.9768 |
| YIQ | 215.6550, 15.3540, 30.1220 |

Conversions

Conversions Part 2

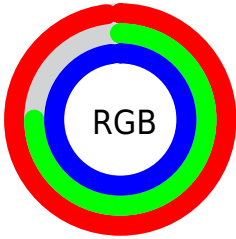
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 249, 192, 250 |
| Decimal | 16367866 |
| CIE Lab | 84.35, 29.85, -20.72 |
| CIE LCh | 84, 36.336, 325.227 |
| Yxy | 64.7411, 0.3147, 0.2710 |
| Android (android.graphics.Color) | 4294557946 (0xFFF9C0FA) |
| YUV | 215.6550, 16.9321, 29.2436 |
| Hunter-Lab | 80.4619, 25.9563, -16.6098 |

Details

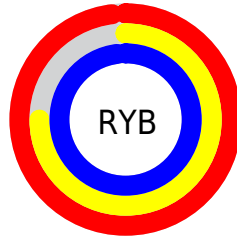
The XYZ color **75.1719, 64.7411, 98.9768** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.6945, 83.5161, 62.5301**, and the grayscale version is **64.9185, 68.2993, 74.3780**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **40.4523, 33.2337, 54.7347** is the 20% darker color. If you saturate the color by 10%, you get **69.9894, 54.6026, 97.2940**, and if you desaturate by 10%, it is **81.2911, 76.7501, 100.9732**.

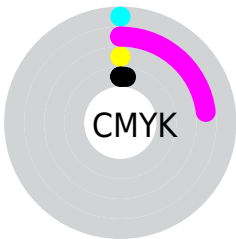
Distribution



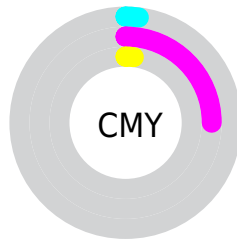
- Red (98%)
- Green (75%)
- Blue (98%)



- Red (98%)
- Yellow (75%)
- Blue (98%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1719, 64.7411, 98.9768 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 75.1719, 64.7411, 98.9768 by changing the saturation by 10% instead.


 75.1719, 64.7411,
98.9768

 75.1719, 64.7411,
98.9768


467.4963,
441.8610, 578.1258

 56.0484, 47.2512,
74.8342


 125.5423,
111.6776, 161.7900

 40.4789, 33.2343,
54.9761

157.5199,
141.8929, 201.2976

 28.0980, 22.3060,
38.9841


194.5128,
177.1188, 246.7639

 18.5404, 14.0819,
26.4397

236.8866,
217.7397, 298.6076

 11.4407, 8.1776,
16.9241

285.0064,
264.1400, 357.2470

 6.4335, 4.2088,
10.0190


339.2378,


 3.1536, 1.7911,


316.7040, 423.1009


5.3058


399.9459,
375.8162, 496.5876


 1.2355, 0.4816,
2.3659


 0.1341, 0.0000,
0.7678


 75.1719, 64.7411,
98.9768


 75.1719, 64.7411,
98.9768

 69.9894, 54.6026,
97.2940


 81.2911, 76.7501,
100.9732


 65.6904, 46.2318,
95.9048

 88.3847, 90.7086,
103.2936

 62.2258, 39.5293,
94.7937

 92.5454, 98.8006,
104.6362

 59.5392, 34.3822,
93.9418

 92.7002, 98.8804,
104.6435

57.5671, 30.6636,
93.3280

92.8553, 98.9604,
104.6507

56.2361, 28.2268,
92.9278

93.0108, 99.0406,
104.6580

55.4572, 26.8936,
92.7115

93.1667, 99.1209,
104.6653

55.1540, 26.4396,
92.6399

93.3229, 99.2014,
104.6726

93.4795, 99.2822,
104.6799

Harmonies

Analogous

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



68.3834, 64.7411, 118.7852



75.1719, 64.7411, 98.9768



78.3181, 64.7411, 74.2525

Triad

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



75.1719, 64.7411, 98.9768



62.8339, 64.7411, 34.8499



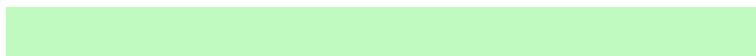
48.5449, 64.7411, 91.1658

Complementary

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



75.1719, 64.7411, 98.9768



65.6945, 83.5161, 62.5301

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.



47.3382, 64.7411, 66.8607



75.1719, 64.7411, 98.9768



55.1589, 64.7411, 37.4647

Square

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



75.1719, 64.7411, 98.9768



70.8094, 64.7411, 39.9422



49.6550, 64.7411, 48.0751



53.1070, 64.7411, 113.6286

Rectangle

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



75.1719, 64.7411, 98.9768



77.7433, 64.7411, 59.4589



49.6550, 64.7411, 48.0751



47.7514, 64.7411, 82.8120

Sweetspot

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



75.1739, 64.7439, 98.9782



89.5046, 89.0770, 107.0839



58.2732, 56.6656, 98.3097



19.0605, 18.8749, 22.8886



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.



75.1739, 64.7439, 98.9782



75.8963, 62.3624, 102.6447



71.5863, 63.3502, 78.2219



17.9617, 17.5084, 21.8181



29.2687, 14.0312, 49.1392



2.7200, 1.3043, 4.5516

Inverse Universe

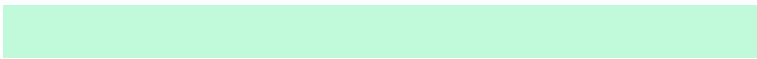
The Inverse Universe completely reimagines the original color for something new.



67.9018, 61.8763, 58.8194



67.0366, 58.8706, 53.6351



68.7210, 84.6973, 79.7925



17.2568, 17.2301, 17.9419



20.9297, 10.7876, 1.0725



1.9426, 1.0008, 0.1211

Previews

White Background



This preview shows how the XYZ color 75.1719, 64.7411, 98.9768 looks on a white background.

Color Contrast Check

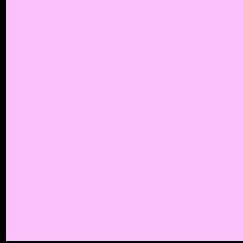
Large Text (above 18pt) WCAG AA × Fail

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 75.1719, 64.7411, 98.9768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

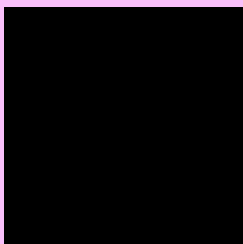
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1719, 64.7411, 98.9768

Background



This preview shows how black text looks on a background with the XYZ color 75.1719, 64.7411, 98.9768.



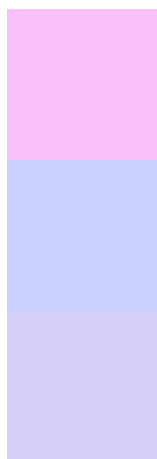
This preview shows how white text looks on a background with the XYZ color 75.1719, 64.7411,

98.9768.

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

75.1719, 64.7411, 98.9768

Protanopia

64.6699, 65.1003, 103.7649

Deuteranopia

66.3004, 65.0041, 97.0483



Tritanopia

69.8692, 64.9350, 72.4695

Trichromacy



Original Color

75.1719, 64.7411, 98.9768



Protanomaly

67.9990, 64.7091, 101.8347



Deuteranomaly

69.1940, 64.7194, 97.6521



Tritanomaly

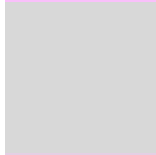
71.6111, 64.6187, 81.3714

Monochromacy



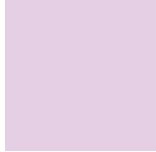
Original Color

75.1719, 64.7411, 98.9768



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.3113, 66.7211, 82.6768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1719, 64.7411, 98.9768 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, 192, 250)` looks like.

```
.text, #text, p{  
    color:rgb(249, 192, 250)  
}
```

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, 192, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 192, 250) }
```

Border

The CSS property to change the border of an element to XYZ 75.1719, 64.7411, 98.9768 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, 192, 250) }
```


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

```
.border{ border-color:rgb(249, 192, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 192, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 192, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 192, 250);  
box-shadow:4px 4px 4px 4px rgb(249, 192,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1719, 64.7411, 98.9768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 192, 250) }
```

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

```
.background{ background-color: rgb(249,  
192, 250) }
```

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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