

Converting Colors

XYZ(75.6507, 67.0019, 98.5680)

Have a look what the booklet for
XYZ(75.6507, 67.0019, 98.5680)
contains.

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Color

**XYZ(75.6507, 67.0019,
98.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C6F9
RGB	247, 198, 249
RGB Percent	97%, 78%, 98%
CMY	0.0314, 0.2235, 0.0235
CMYK	0.01, 0.20, 0.00, 0.02
HSL	298°, 81%, 88%
HSV	298°, 20%, 98%
XYZ	75.6507, 67.0019, 98.5680
YIQ	218.4650, 12.8330, 26.2490

Conversions

Conversions Part 2

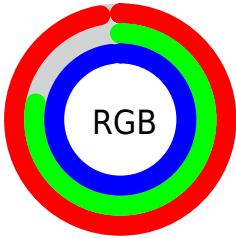
Format	Color
R _Y B	247, 198, 249
Decimal	16238329
CIE Lab	85.50, 25.85, -18.47
CIE LCh	86, 31.767, 324.460
Yxy	67.0019, 0.3136, 0.2778
Android (android.graphics.Color)	4294428409 (0xFFFF7C6F9)
YUV	218.4650, 15.0538, 25.0252
Hunter-Lab	81.8547, 21.7253, -14.0977

Details

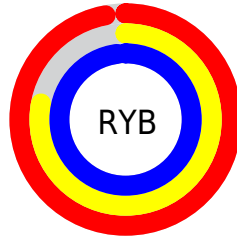
The XYZ color **75.6507, 67.0019, 98.5680** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.8906, 84.1097, 66.0861**, and the grayscale version is **66.8563, 70.3381, 76.5981**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7229, 34.6994, 54.4205** is the 20% darker color. If you saturate the color by 10%, you get **70.0777, 56.3646, 96.8095**, and if you desaturate by 10%, it is **82.1652, 79.5171, 100.6413**.

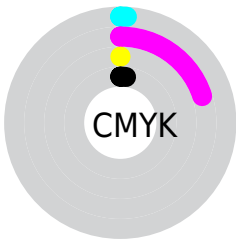
Distribution



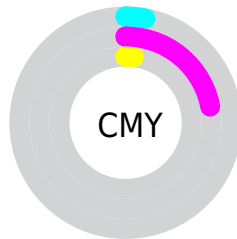
- Red (97%)
- Green (78%)
- Blue (98%)



- Red (97%)
- Yellow (78%)
- Blue (98%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6507, 67.0019, 98.5680 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 75.6507, 67.0019, 98.5680 by changing the saturation by 10% instead.

75.6507, 67.0019,
98.5680

75.6507, 67.0019,
98.5680

469.1139,
449.9515, 576.7991

56.4422, 49.0862,
74.4949

126.2160,
114.9231, 161.2226

40.7959, 34.6878,
54.7000

158.3035,
145.6974, 200.6412

28.3466, 23.4225,
38.7646

195.4148,
181.5267, 246.0120

18.7289, 14.9058,
26.2702

237.9150,
222.7953, 297.7537

11.5774, 8.7533,
16.7983

286.1697,
269.8878, 356.2847

6.5268, 4.5806,
9.9304

340.5442,

3.2116, 2.0034,

323.1883, 422.0236

5.2478

401.4038,
383.0815, 495.3889

■ 1.2666, 0.6094,
2.3321

■ 0.1580, 0.0000,
0.7491

■ 75.6507, 67.0019,
98.5680

■ 75.6507, 67.0019,
98.5680

■ 70.0777, 56.3646,
96.8095

■ 82.1652, 79.5171,
100.6413

■ 65.3944, 47.5052,
95.3463

■ 89.6575, 93.9865,
103.0393

■ 61.5532, 40.3274,
94.1633

■ 92.2586, 98.6708,
103.8064

■ 58.4999, 34.7227,
93.2424

■ 92.6093, 98.8516,
103.8228

56.1738, 30.5697,
92.5634

92.9619, 99.0334,
103.8393

54.5053, 27.7293,
92.1031

93.3162, 99.2160,
103.8559

53.4113, 26.0352,
91.8338

93.6724, 99.3997,
103.8725

52.7756, 25.2316,
91.7121

94.0304, 99.5842,
103.8893

94.0991, 99.6196,
103.8925

Harmonies

Analogous

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



69.6013, 67.0019, 115.4191



75.6507, 67.0019, 98.5680



78.5118, 67.0019, 76.8565

Triad

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



75.6507, 67.0019, 98.5680



65.0319, 67.0019, 40.1259



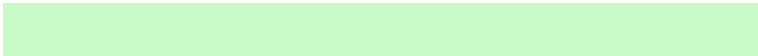
51.8728, 67.0019, 90.6703

Complementary

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



75.6507, 67.0019, 98.5680



67.8906, 84.1097, 66.0861

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.



50.8503, 67.0019, 69.1852



75.6507, 67.0019, 98.5680



58.1106, 67.0019, 42.4379

Square

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



75.6507, 67.0019, 98.5680



72.0915, 67.0019, 45.1670



53.0496, 67.0019, 52.2123



55.9557, 67.0019, 110.2897

Rectangle

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



75.6507, 67.0019, 98.5680



78.0819, 67.0019, 63.4765



53.0496, 67.0019, 52.2123



51.1734, 67.0019, 83.3301

Sweetspot

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



75.6527, 67.0048, 98.5694



90.1414, 90.5101, 107.3270



61.1724, 60.4125, 98.0602



19.1846, 19.1616, 22.9374



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.



75.6527, 67.0048, 98.5694



77.0616, 65.3797, 103.1657



72.9975, 66.0246, 80.8865



17.9218, 17.4878, 21.8162



28.2793, 13.5212, 49.0929



2.6395, 1.2628, 4.5478

Inverse Universe

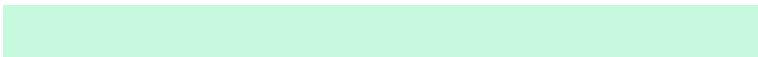
The Inverse Universe completely reimagines the original color for something new.



69.6887, 64.7011, 63.4625



69.6349, 62.5146, 59.2882



70.2112, 84.9767, 81.0759



17.2722, 17.2362, 18.0231



20.9525, 10.7967, 1.1921



1.9500, 1.0037, 0.1599

Previews

White Background



This preview shows how the XYZ color 75.6507, 67.0019, 98.5680 looks on a white background.

Color Contrast Check

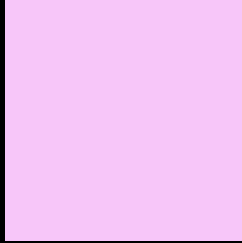
Large Text (above 18pt) WCAG AA × Fail

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 75.6507, 67.0019, 98.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

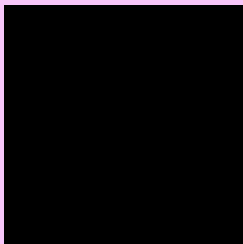
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6507, 67.0019, 98.5680

Background



This preview shows how black text looks on a background with the XYZ color 75.6507, 67.0019, 98.5680.



This preview shows how white text looks on a background with the XYZ color 75.6507, 67.0019,

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

75.6507, 67.0019, 98.5680

Protanopia

66.7703, 67.2861, 104.0761

Deuteranopia

68.8024, 67.3764, 97.3744



Tritanopia

71.1043, 66.8810, 76.1796

Trichromacy



Original Color

75.6507, 67.0019, 98.5680



Protanomaly

69.5576, 66.9331, 102.1818



Deuteranomaly

71.0877, 67.0980, 98.0114



Tritanomaly

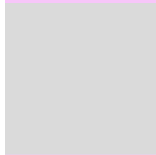
72.4778, 66.7196, 83.9211

Monochromacy



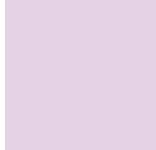
Original Color

75.6507, 67.0019, 98.5680



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

69.7502, 68.9037, 83.7523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6507, 67.0019, 98.5680 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(247, 198, 249)` looks like.

```
.text, #text, p{  
    color:rgb(247, 198, 249)  
}
```

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(247, 198, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 198, 249) }
```

Border

The CSS property to change the border of an element to XYZ 75.6507, 67.0019, 98.5680 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(247, 198, 249) }
```


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

```
.border{ border-color:rgb(247, 198, 249) }
```

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

Here you see how a box with a 4 pixel rgb(247, 198, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 198, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 198, 249);  
box-shadow:4px 4px 4px 4px rgb(247, 198,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6507, 67.0019, 98.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 198, 249) }
```

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

```
.background{ background-color: rgb(247,  
198, 249) }
```

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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