

Converting Colors

XYZ(80.5713, 76.8147, 98.5758)

Have a look what the booklet for
XYZ(80.5713, 76.8147, 98.5758)
contains.

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Color

**XYZ(80.5713, 76.8147,
98.5758)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DAF7
RGB	248, 218, 247
RGB Percent	97%, 85%, 97%
CMY	0.0274, 0.1451, 0.0314
CMYK	0.00, 0.12, 0.00, 0.03
HSL	302°, 68%, 91%
HSV	302°, 12%, 97%
XYZ	80.5713, 76.8147, 98.5758
YIQ	230.2760, 8.5710, 15.3790

Conversions

Conversions Part 2

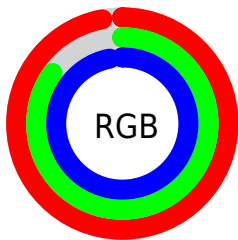
Format	Color
R _Y B	248, 218, 247
Decimal	16308983
CIE Lab	90.24, 15.29, -10.31
CIE LCh	90, 18.444, 326.004
Yxy	76.8147, 0.3148, 0.3001
Android (android.graphics.Color)	4294499063 (0xFFF8DAF7)
YUV	230.2760, 8.2449, 15.5439
Hunter-Lab	87.6440, 10.7184, -5.3344

Details

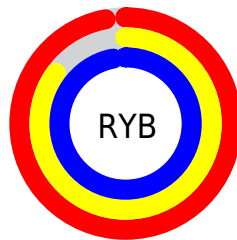
The XYZ color **80.5713, 76.8147, 98.5758** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.2700, 87.1569, 79.8778**, and the grayscale version is **75.3565, 79.2809, 86.3369**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9870, 41.0323, 54.8919** is the 20% darker color. If you saturate the color by 10%, you get **74.4887, 64.8522, 95.9209**, and if you desaturate by 10%, it is **87.6211, 90.7085, 101.5577**.

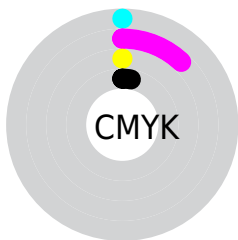
Distribution



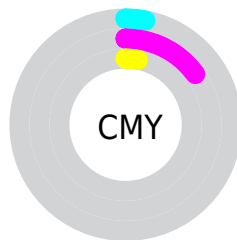
- Red (97%)
- Green (85%)
- Blue (97%)



- Red (97%)
- Yellow (85%)
- Blue (97%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.5713, 76.8147, 98.5758 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 80.5713, 76.8147, 98.5758 by changing the saturation by 10% instead.

80.5713, 76.8147,
98.5758

80.5713, 76.8147,
98.5758

485.5633,
484.1320, 576.8245

60.4987, 57.1008,
74.5014

133.1150,
128.8779, 161.2334

44.0717, 41.0862,
54.7053

166.3167,
161.9960, 200.6537

30.9250, 28.3864,
38.7688

204.6255,
200.3509, 246.0264

20.6933, 18.6172,
26.2735

248.4068,
244.3270, 297.7700

13.0112, 11.3940,
16.8007

298.0259,
294.3088, 356.3030

7.5133, 6.3325,
9.9321

353.8481,

3.8343, 3.0483,

350.6807, 422.0441

5.2489

416.2388,
413.8269, 495.4118

■ 1.6088, 1.1570,
2.3328

■ 0.3982, 0.0262,
0.7495

■ 80.5713, 76.8147,
98.5758

■ 80.5713, 76.8147,
98.5758

■ 74.4887, 64.8522,
95.9209

■ 87.6211, 90.7085,
101.5577

■ 69.3241, 54.7258,
93.5739

■ 91.5171, 98.2948,
103.4902

■ 65.0338, 46.3472,
91.5212

■ 91.6462, 98.3464,
104.1699

■ 61.5682, 39.6171,
89.7461

■ 91.7758, 98.3983,
104.8525

58.8726, 34.4260,
88.2304

91.9060, 98.4504,
105.5382

56.8857, 30.6514,
86.9537

92.0368, 98.5027,
106.2268

55.5368, 28.1520,
85.8925

92.1681, 98.5552,
106.9185

54.7407, 26.7574,
85.0184

92.3000, 98.6080,
107.6131

54.4003, 26.2321,
84.4256

92.4325, 98.6610,
108.3108

Harmonies

Analogous

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



76.9467, 76.8147, 108.4637



80.5713, 76.8147, 98.5758



82.1692, 76.8147, 85.4114

Triad

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



80.5713, 76.8147, 98.5758



73.6266, 76.8147, 60.8805



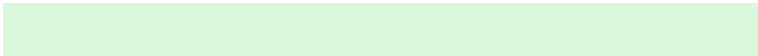
65.3645, 76.8147, 95.2118

Complementary

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



80.5713, 76.8147, 98.5758



75.2700, 87.1569, 79.8778

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.



64.5582, 76.8147, 81.8896



80.5713, 76.8147, 98.5758



69.2101, 76.8147, 62.9230

Square

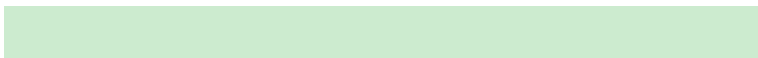
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.5713, 76.8147, 98.5758



78.0548, 76.8147, 64.3908



65.9373, 76.8147, 70.2913



68.1875, 76.8147, 106.3831

Rectangle

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



80.5713, 76.8147, 98.5758



81.8229, 76.8147, 76.8639



65.9373, 76.8147, 70.2913



64.8539, 76.8147, 90.7992

Sweetspot

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



80.5736, 76.8180, 98.5775



91.8272, 93.6420, 107.5558



71.2315, 71.9842, 98.9482



19.5292, 19.7955, 22.9686



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.



80.5736, 76.8180, 98.5775



83.8338, 77.8950, 104.1516



78.3509, 75.9290, 86.8730



17.9666, 17.5140, 21.6797



29.3976, 14.1748, 45.6639



2.7304, 1.3159, 4.2695

Inverse Universe

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



80.5736, 76.8180, 98.5775



83.8338, 77.8950, 104.1516



77.3348, 87.9828, 90.7510



17.9666, 17.5140, 21.6797



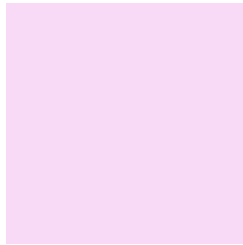
29.3976, 14.1748, 45.6639



2.7304, 1.3159, 4.2695

Previews

White Background



This preview shows how the XYZ color 80.5713, 76.8147, 98.5758 looks on a white background.

Color Contrast Check

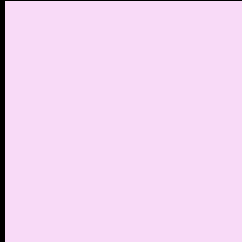
Large Text (above 18pt) WCAG AA × Fail

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 80.5713, 76.8147, 98.5758 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 80.5713, 76.8147, 98.5758

Background



This preview shows how black text looks on a background with the XYZ color 80.5713, 76.8147, 98.5758.



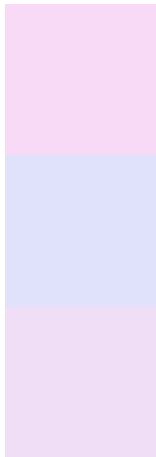
This preview shows how white text looks on a background with the XYZ color 80.5713, 76.8147,

98.5758.

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

80.5713, 76.8147, 98.5758

Protanopia

75.5075, 77.2683, 103.0301

Deuteranopia

78.4262, 76.8920, 97.8969



Tritanopia

79.2370, 77.0750, 90.8215

Trichromacy



Original Color

80.5713, 76.8147, 98.5758

Protanomaly

77.2473, 77.0011, 101.2338

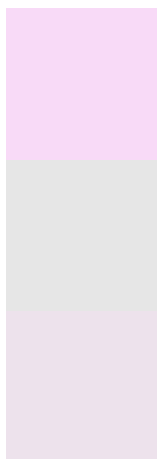
Deuteranomaly

79.1899, 76.8949, 97.8572

Tritanomaly

79.5665, 76.7881, 93.8471

Monochromacy



Original Color

80.5713, 76.8147, 98.5758

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.2617, 78.4534, 90.4278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5713, 76.8147, 98.5758 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(248, 218, 247)` looks like.

```
.text, #text, p{  
    color:rgb(248, 218, 247)  
}
```

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(248, 218, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 218, 247) }
```

Border

The CSS property to change the border of an element to XYZ 80.5713, 76.8147, 98.5758 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(248, 218, 247) }
```


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

```
.border{ border-color:rgb(248, 218, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 218, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 218, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 218, 247);  
box-shadow:4px 4px 4px 4px rgb(248, 218,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5713, 76.8147, 98.5758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 218, 247) }
```

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

```
.background{ background-color: rgb(248,  
218, 247) }
```

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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