

Converting Colors

XYZ(81.4726, 78.6227, 99.1759)

Have a look what the booklet for
XYZ(81.4726, 78.6227, 99.1759)
contains.

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Color

**XYZ(81.3564, 78.3848,
98.8375)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DDF7
RGB	248, 221, 247
RGB Percent	97%, 87%, 97%
CMY	0.0274, 0.1333, 0.0314
CMYK	0.00, 0.11, 0.00, 0.03
HSL	302°, 66%, 92%
HSV	302°, 11%, 97%
XYZ	81.3564, 78.3848, 98.8375
YIQ	232.0370, 7.7460, 13.8100

Conversions

Conversions Part 2

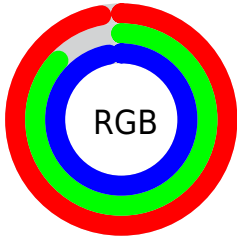
Format	Color
R _Y B	248, 221, 247
Decimal	16309751
CIE _{Lab}	90.96, 13.72, -9.24
CIE _{LCh}	91, 16.548, 326.037
Y _{xy}	78.3848, 0.3146, 0.3031
Android (android.graphics.Color)	4294499831 (0xFFFF8DDF7)
YUV	232.0370, 7.3768, 13.9996
Hunter-Lab	88.5352, 9.0899, -4.2146

Details

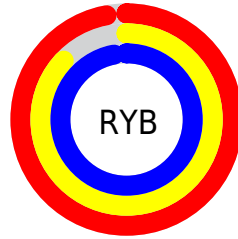
The XYZ color **81.3564, 78.3848, 98.8375** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.5741, 87.7832, 82.0195**, and the grayscale version is **76.6739, 80.6669, 87.8463**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7784, 42.2405, 55.0834** is the 20% darker color. If you saturate the color by 10%, you get **75.1456, 66.1883, 96.0702**, and if you desaturate by 10%, it is **88.5397, 92.5227, 101.9343**.

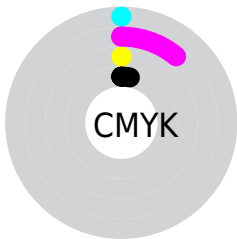
Distribution



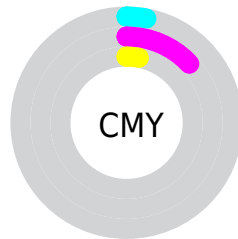
- Red (97%)
- Green (87%)
- Blue (97%)



- Red (97%)
- Yellow (87%)
- Blue (97%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3564, 78.3848, 98.8375 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 81.3564, 78.3848, 98.8375 by changing the saturation by 10% instead.

 81.3564, 78.3848,
98.8375

 81.3564, 78.3848,
98.8375


488.1595,
489.4727, 577.6739

 61.1475, 58.3901,
74.7186


134.2116,
131.0924, 161.5966

 44.5972, 42.1224,
54.8820


167.5886,
164.5742, 201.0739

 31.3402, 29.1971,
38.9093


206.0857,
203.3204, 246.5078

 21.0111, 19.2300,
26.3819

250.0682,
247.7155, 298.3167

 13.2446, 11.8366,
16.8812

299.9015,
298.1439, 356.9192

 7.6754, 6.6325,
9.9888

355.9509,

 3.9380, 3.2334,

354.9900, 422.7339

5.2860

418.5818,
418.6381, 496.1793

■ 1.6671, 1.2547,
2.3544

■ 0.4356, 0.1057,
0.7614

■ 81.3564, 78.3848,
98.8375

■ 81.3564, 78.3848,
98.8375

■ 75.1456, 66.1883,
96.0702

■ 88.5397, 92.5227,
101.9343

■ 69.8580, 55.8385,
93.6131

■ 91.5458, 98.3063,
103.6412

■ 65.4507, 47.2482,
91.4529

■ 91.6894, 98.3637,
104.3974

■ 61.8745, 40.3188,
89.5732

■ 91.8337, 98.4215,
105.1573

59.0753, 34.9423,
87.9559

91.9788, 98.4795,
105.9209

56.9928, 30.9981,
86.5809

92.1245, 98.5378,
106.6883

55.5576, 28.3474,
85.4251

92.2709, 98.5963,
107.4593

54.6868, 26.8244,
84.4609

92.4180, 98.6552,
108.2340

54.2643, 26.1777,
83.7087

92.5220, 98.6968,
108.7817

Harmonies

Analogous

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



78.0798, 78.3848, 107.7011



81.3564, 78.3848, 98.8375



82.7958, 78.3848, 86.9453

Triad

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



81.3564, 78.3848, 98.8375



75.0582, 78.3848, 64.4173



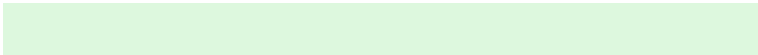
67.5240, 78.3848, 95.8357

Complementary

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



81.3564, 78.3848, 98.8375



76.5741, 87.7832, 82.0195

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.



66.7822, 78.3848, 83.7698



81.3564, 78.3848, 98.8375



71.0360, 78.3848, 66.3233

Square

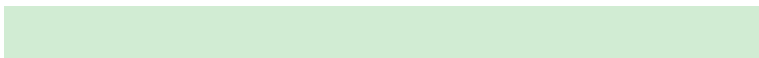
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



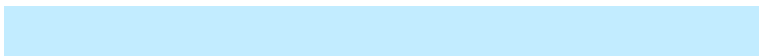
81.3564, 78.3848, 98.8375



79.0747, 78.3848, 67.6744



68.0446, 78.3848, 73.1449



70.1099, 78.3848, 105.8576

Rectangle

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



81.3564, 78.3848, 98.8375



82.4818, 78.3848, 79.1563



68.0446, 78.3848, 73.1449



67.0550, 78.3848, 91.8539

Sweetspot

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



81.3587, 78.3882, 98.8392



92.6123, 95.1976, 107.8624



72.8968, 74.0080, 99.2512



19.6869, 20.1084, 23.0288



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.



81.3587, 78.3882, 98.8392



85.1743, 80.5640, 104.6356



79.3644, 77.5905, 88.3374



17.9636, 17.5128, 21.6642



29.3252, 14.1458, 45.2826



2.7245, 1.3135, 4.2384

Inverse Universe

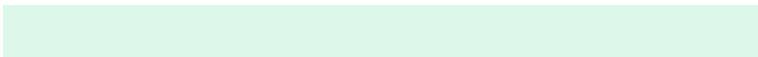
The Inverse Universe completely reimagines the original color for something new.



81.3587, 78.3882, 98.8392



85.1743, 80.5640, 104.6356



78.4423, 88.5304, 91.8571



17.9636, 17.5128, 21.6642



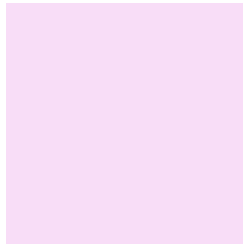
29.3252, 14.1458, 45.2826



2.7245, 1.3135, 4.2384

Previews

White Background



This preview shows how the XYZ color 81.3564, 78.3848, 98.8375 looks on a white background.

Color Contrast Check

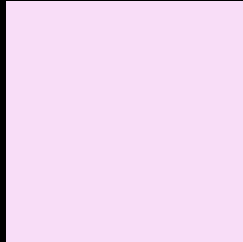
Large Text (above 18pt) WCAG AA × Fail

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 81.3564, 78.3848, 98.8375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

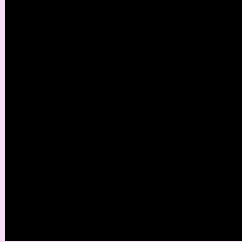
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.3564, 78.3848, 98.8375

Background



This preview shows how black text looks on a background with the XYZ color 81.3564, 78.3848, 98.8375.



This preview shows how white text looks on a background with the XYZ color 81.3564, 78.3848,

98.8375.

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

81.3564, 78.3848, 98.8375

Protanopia

76.8345, 78.7827, 102.4238

Deuteranopia

80.1383, 78.5454, 98.9327



Tritanopia

80.2072, 78.3080, 93.3257

Trichromacy



Original Color

81.3564, 78.3848, 98.8375

Protanomaly

78.4415, 78.4147, 101.4437

Deuteranomaly

80.5660, 78.3704, 98.8764

Tritanomaly

80.6567, 78.4878, 95.6926

Monochromacy



Original Color

81.3564, 78.3848, 98.8375

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.2894, 79.7784, 91.3932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3564, 78.3848, 98.8375 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, 221, 247)` looks like.

```
.text, #text, p{  
    color:rgb(248, 221, 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, 221, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 221, 247) }
```

Border

The CSS property to change the border of an element to XYZ 81.3564, 78.3848, 98.8375 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, 221, 247) }
```


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

```
.border{ border-color:rgb(248, 221, 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, 221, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 221, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 221, 247);  
box-shadow:4px 4px 4px 4px rgb(248, 221,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3564, 78.3848, 98.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 221, 247) }
```

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

```
.background{ background-color: rgb(248,  
221, 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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