

Converting Colors

XYZ(82.2821, 79.3653,
101.3426)

Have a look what the booklet for
XYZ(82.2821, 79.3653, 101.3426)
contains.

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Color

**XYZ(82.0880, 79.1011,
101.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DEFA
RGB	248, 222, 250
RGB Percent	97%, 87%, 98%
CMY	0.0274, 0.1294, 0.0196
CMYK	0.01, 0.11, 0.00, 0.02
HSL	296°, 74%, 93%
HSV	296°, 11%, 98%
XYZ	82.0880, 79.1011, 101.3840
YIQ	232.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

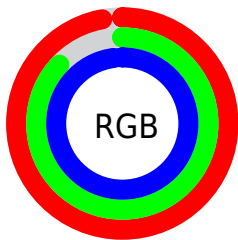
Format	Color
RYB	248, 222, 250
Decimal	16310010
CIELab	91.28, 13.74, -10.33
CIELCh	91, 17.195, 323.061
Yxy	79.1011, 0.3126, 0.3013
Android (android.graphics.Color)	4294500090 (0xFFFF8DEFA)
YUV	232.9660, 8.3978, 13.1848
Hunter-Lab	88.9388, 9.1076, -5.3293

Details

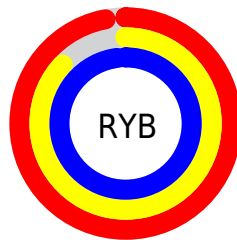
The XYZ color **82.0880, 79.1011, 101.3840** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.1137, 89.4944, 82.2683**, and the grayscale version is **77.3639, 81.3928, 88.6368**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2945, 42.7389, 56.9011** is the 20% darker color. If you saturate the color by 10%, you get **75.3049, 66.4691, 99.3045**, and if you desaturate by 10%, it is **89.8663, 93.7120, 103.7954**.

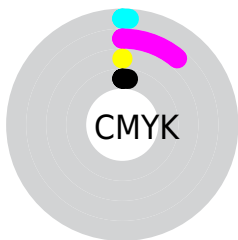
Distribution



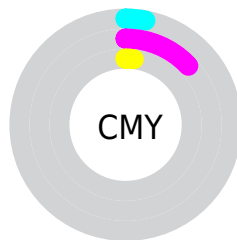
- Red (97%)
- Green (87%)
- Blue (98%)



- Red (97%)
- Yellow (87%)
- Blue (98%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0880, 79.1011, 101.3840 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 82.0880, 79.1011, 101.3840 by changing the saturation by 10% instead.

82.0880, 79.1011,
101.3840

82.0880, 79.1011,
101.3840

490.5720,
491.8983, 585.9054

61.7524, 58.9789,
76.8336

135.2326,
132.1012, 165.1263

45.0875, 42.5962,
56.6055

168.7723,
165.7479, 205.1551

31.7279, 29.5684,
40.2814

207.4441,
204.6716, 251.1806

21.3083, 19.5112,
27.4425

251.6134,
249.2566, 303.6212

13.4633, 12.0402,
17.6705

301.6454,
299.8874, 362.8954

7.8275, 6.7711,
10.5467

357.9057,

4.0357, 3.3194,

356.9484, 429.4218

5.6526

420.7594,
420.8239, 503.6190

■ 1.7223, 1.3006,
2.5697

■ 0.4702, 0.1417,
0.8767

■ 82.0880, 79.1011,
101.3840

■ 82.0880, 79.1011,
101.3840

■ 75.3049, 66.4691,
99.3045

■ 89.8663, 93.7120,
103.7954

■ 69.4668, 55.7195,
97.5373

■ 93.0060, 99.0380,
104.6580

■ 64.5297, 46.7628,
96.0687

■ 93.6543, 99.3723,
104.6883

■ 60.4432, 39.4985,
94.8819

■ 94.2555, 99.6822,
104.7164

■ 57.1521, 33.8160,
93.9585

■ 54.5944, 29.5917,
93.2780

■ 52.6992, 26.6834,
92.8165

■ 51.3812, 24.9207,
92.5457

■ 50.5813, 24.0823,
92.4261

Harmonies

Analogous

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



78.5166, 79.1011, 110.1721



82.0880, 79.1011, 101.3840



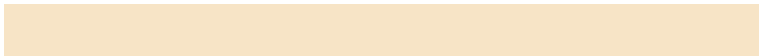
83.8199, 79.1011, 89.0621

Triad

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



82.0880, 79.1011, 101.3840



76.2010, 79.1011, 64.4164



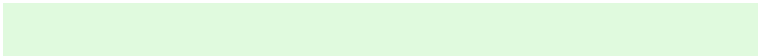
67.7275, 79.1011, 95.8834

Complementary

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



82.0880, 79.1011, 101.3840



78.1137, 89.4944, 82.2683

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.



67.1612, 79.1011, 83.2584



82.0880, 79.1011, 101.3840



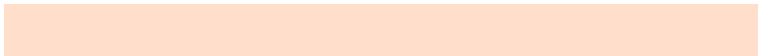
71.9455, 79.1011, 65.8638

Square

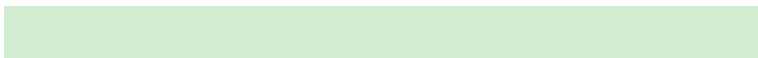
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0880, 79.1011, 101.3840



80.3369, 79.1011, 68.3203



68.6769, 79.1011, 72.4842



70.2548, 79.1011, 106.7880

Rectangle

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



82.0880, 79.1011, 101.3840



83.6528, 79.1011, 80.8126



68.6769, 79.1011, 72.4842



67.3056, 79.1011, 91.6708

Sweetspot

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



82.0903, 79.1045, 101.3857



92.4572, 95.1123, 108.0932



74.1282, 75.9262, 101.1919



19.6448, 20.0853, 23.0914



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.



82.0903, 79.1045, 101.3857



84.5057, 80.1966, 105.6333



81.0297, 78.7626, 92.0803



17.8635, 17.4578, 21.8135



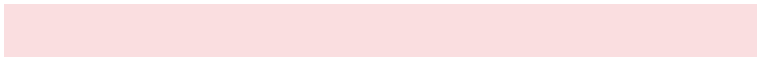
26.8818, 12.8008, 49.0275



2.5253, 1.2039, 4.5425

Inverse Universe

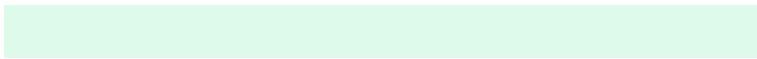
The Inverse Universe completely reimagines the original color for something new.



79.0029, 77.9519, 81.4070



80.8056, 78.8165, 81.6302



79.1159, 89.8242, 90.7619



17.2949, 17.2453, 18.1427



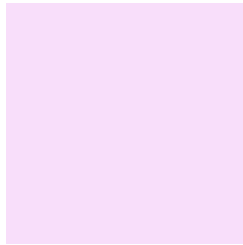
20.9877, 10.8108, 1.3777



1.9608, 1.0080, 0.2168

Previews

White Background



This preview shows how the XYZ color 82.0880, 79.1011, 101.3840 looks on a white background.

Color Contrast Check

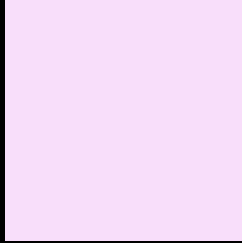
Large Text (above 18pt) WCAG AA × Fail

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 82.0880, 79.1011, 101.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

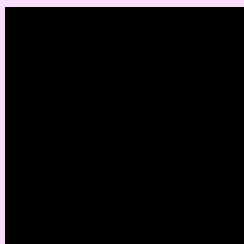
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0880, 79.1011, 101.3840

Background



This preview shows how black text looks on a background with the XYZ color 82.0880, 79.1011, 101.3840.



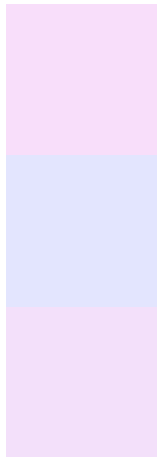
This preview shows how white text looks on a background with the XYZ color 82.0880, 79.1011,

101.3840.

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

82.0880, 79.1011, 101.3840

Protanopia

77.5873, 79.5253, 105.0266

Deuteranopia

80.8731, 79.2681, 101.4803



Tritanopia

80.6226, 78.9004, 94.1991

Trichromacy



Original Color

82.0880, 79.1011, 101.3840

Protanomaly

79.1869, 79.1467, 104.0318

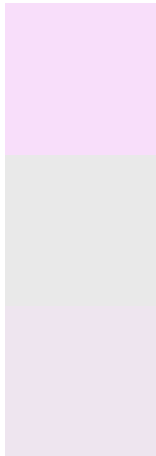
Deuteranomaly

81.2992, 79.0900, 101.4234

Tritanomaly

81.0746, 79.0812, 96.5791

Monochromacy



Original Color

82.0880, 79.1011, 101.3840

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.8592, 80.4478, 93.0330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0880, 79.1011, 101.3840 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, 222, 250)` looks like.

```
.text, #text, p{  
    color:rgb(248, 222, 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(248, 222, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 222, 250) }
```

Border

The CSS property to change the border of an element to XYZ 82.0880, 79.1011, 101.3840 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, 222, 250) }
```


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

```
.border{ border-color:rgb(248, 222, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 222, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 222, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 222, 250);  
box-shadow:4px 4px 4px 4px rgb(248, 222,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0880, 79.1011, 101.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 222, 250) }
```

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

```
.background{ background-color: rgb(248,  
222, 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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