

Converting Colors

XYZ(82.9731, 81.3629, 98.4879)

Have a look what the booklet for
XYZ(82.9731, 81.3629, 98.4879)
contains.

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Color

**XYZ(82.8978, 81.1863,
98.4901)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E2F6
RGB	249, 226, 246
RGB Percent	98%, 89%, 96%
CMY	0.0235, 0.1137, 0.0353
CMYK	0.00, 0.09, 0.01, 0.02
HSL	308°, 66%, 93%
HSV	308°, 9%, 98%
XYZ	82.8978, 81.1863, 98.4901
YIQ	235.1570, 7.2880, 11.0960

Conversions

Conversions Part 2

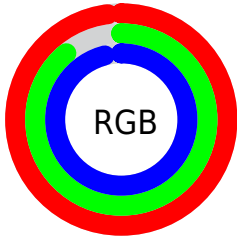
Format	Color
R _Y B	249, 226, 246
Decimal	16376566
CIE Lab	92.21, 11.28, -6.85
CIE LCh	92, 13.191, 328.737
Yxy	81.1863, 0.3157, 0.3092
Android (android.graphics.Color)	4294566646 (0xFFFF9E2F6)
YUV	235.1570, 5.3456, 12.1403
Hunter-Lab	90.1034, 6.5442, -1.7362

Details

The XYZ color **82.8978, 81.1863, 98.4901** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.3857, 89.5794, 87.2395**, and the grayscale version is **79.0439, 83.1603, 90.5616**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8495, 44.1810, 54.8265** is the 20% darker color. If you saturate the color by 10%, you get **76.1191, 68.4188, 93.7929**, and if you desaturate by 10%, it is **90.6731, 95.9308, 103.5645**.

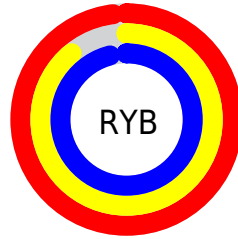
Distribution



Red (98%)

Green (89%)

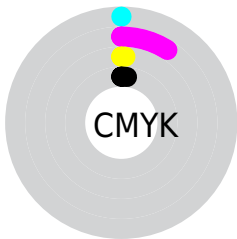
Blue (96%)



Red (98%)

Yellow (89%)

Blue (96%)

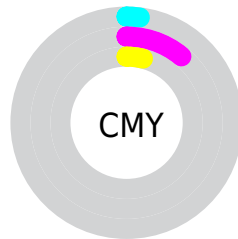


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (2%)



Cyan (2%)


Magenta (11%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8978, 81.1863, 98.4901 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 82.8978, 81.1863, 98.4901 by changing the saturation by 10% instead.


 82.8978, 81.1863,
98.4901

 82.8978, 81.1863,
98.4901


493.2349,
498.9218, 576.5461

 62.4225, 60.6950,
74.4303


136.3616,
135.0323, 161.1144

 45.6310, 43.9791,
54.6474


170.0807,
169.1559, 200.5160

 32.1582, 30.6541,
38.7228

208.9452,
208.5923, 245.8687

 21.6385, 20.3356,
26.2380

253.3204,
253.7261, 297.5909

 13.7066, 12.6392,
16.7744

303.5716,
304.9415, 356.1012

 7.9972, 7.1806,
9.9135

360.0642,

 4.1450, 3.5753,

362.6230, 421.8181

5.2368

423.1635,
427.1550, 495.1603

■ 1.7845, 1.4389,
2.3257

■ 0.5083, 0.2452,
0.7456

■ 82.8978, 81.1863,
98.4901

■ 82.8978, 81.1863,
98.4901

■ 76.1191, 68.4188,
93.7929

■ 90.6731, 95.9308,
103.5645

■ 70.2878, 57.5332,
89.4533

■ 92.4772, 98.7199,
106.6908

■ 65.3608, 48.4427,
85.4577

■ 92.8774, 98.8800,
108.7983

■ 61.2893, 41.0492,
81.7897

■ 58.0195, 35.2454,
78.4310

■ 55.4915, 30.9117,
75.3616

■ 53.6370, 27.9116,
72.5583

■ 52.3750, 26.0830,
69.9941

■ 51.5820, 25.1789,
67.6274

Harmonies

Analogous

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



80.3558, 81.1863, 105.8790



82.8978, 81.1863, 98.4901



83.8973, 81.1863, 88.8120

Triad

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



82.8978, 81.1863, 98.4901



77.3095, 81.1863, 70.9465



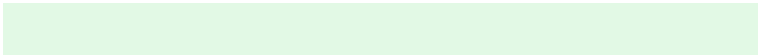
71.5657, 81.1863, 97.7228

Complementary

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



82.8978, 81.1863, 98.4901



79.3857, 89.5794, 87.2395

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.



70.8031, 81.1863, 87.9854



82.8978, 81.1863, 98.4901



74.0601, 81.1863, 72.9556

Square

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



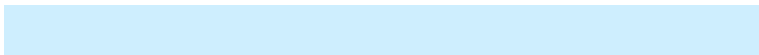
82.8978, 81.1863, 98.4901



80.6129, 81.1863, 73.3199



71.7031, 81.1863, 79.0201



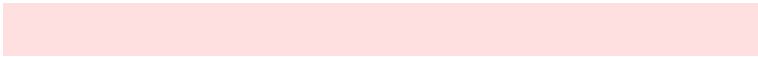
73.8171, 81.1863, 105.4136

Rectangle

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



82.8978, 81.1863, 98.4901



83.5326, 81.1863, 82.5109



71.7031, 81.1863, 79.0201



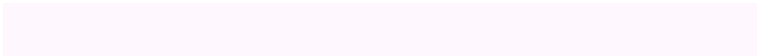
71.1297, 81.1863, 94.5588

Sweetspot

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



82.9002, 81.1898, 98.4919



92.4976, 95.1517, 107.2586



76.5109, 77.8424, 100.6162



19.6558, 20.0960, 22.8652



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.



82.9002, 81.1898, 98.4919



86.1618, 83.1574, 103.0584



81.2349, 80.5237, 89.7227



17.8899, 17.4833, 21.2758



27.6202, 13.4638, 36.3042



2.5844, 1.2575, 3.5008

Inverse Universe

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



82.9002, 81.1898, 98.4919



86.1618, 83.1574, 103.0584



80.9979, 90.2243, 95.7294



17.8899, 17.4833, 21.2758



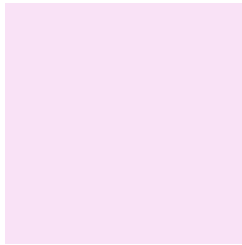
27.6202, 13.4638, 36.3042



2.5844, 1.2575, 3.5008

Previews

White Background



This preview shows how the XYZ color 82.8978, 81.1863, 98.4901 looks on a white background.

Color Contrast Check

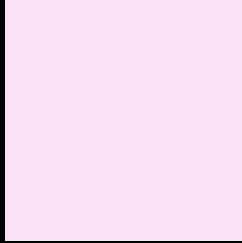
Large Text (above 18pt) WCAG AA × Fail

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 82.8978, 81.1863, 98.4901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

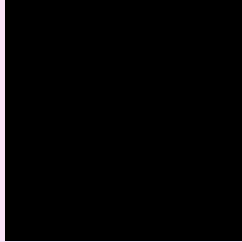
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.8978, 81.1863, 98.4901

Background



This preview shows how black text looks on a background with the XYZ color 82.8978, 81.1863, 98.4901.



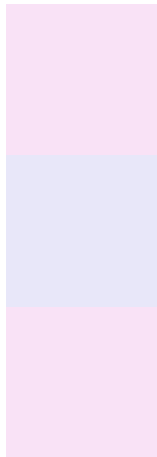
This preview shows how white text looks on a background with the XYZ color 82.8978, 81.1863,

98.4901.

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

82.8978, 81.1863, 98.4901

Protanopia

78.9535, 81.1472, 101.1242

Deuteranopia

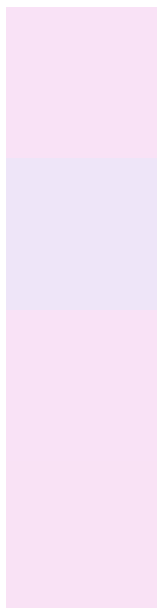
82.8978, 81.1863, 98.4901



Tritanopia

82.5924, 81.0641, 96.8818

Trichromacy



Original Color

82.8978, 81.1863, 98.4901

Protanomaly

80.2225, 80.9931, 100.2120

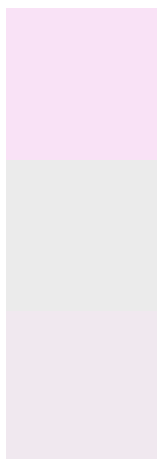
Deuteranomaly

82.8978, 81.1863, 98.4901

Tritanomaly

82.7447, 81.1250, 97.6838

Monochromacy



Original Color

82.8978, 81.1863, 98.4901

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.3718, 82.4705, 93.3437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8978, 81.1863, 98.4901 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, 226, 246) looks like.

```
.text, #text, p{  
    color:rgb(249, 226, 246)  
}
```

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, 226, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 226, 246) }
```

Border

The CSS property to change the border of an element to XYZ 82.8978, 81.1863, 98.4901 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, 226, 246) }
```


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

```
.border{ border-color:rgb(249, 226, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 226, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 226, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 226, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 226,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8978, 81.1863, 98.4901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 226, 246) }
```

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

```
.background{ background-color: rgb(249,  
226, 246) }
```

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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