

Converting Colors

XYZ(83.0786, 80.9708, 98.8933)

Have a look what the booklet for
XYZ(83.0786, 80.9708, 98.8933)
contains.

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Color

**XYZ(83.1381, 80.8898,
99.2271)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FAE1F7 |
| RGB | 250, 225, 247 |
| RGB Percent | 98%, 88%, 97% |
| CMY | 0.0196, 0.1176, 0.0314 |
| CMYK | 0.00, 0.10, 0.01, 0.02 |
| HSL | 307°, 71%, 93% |
| HSV | 307°, 10%, 98% |
| XYZ | 83.1381, 80.8898, 99.2271 |
| YIQ | 234.9830, 7.8380, 12.1420 |

Conversions

Conversions Part 2

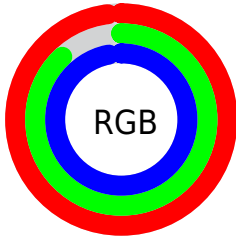
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 250, 225, 247 |
| Decimal | 16441847 |
| CIE Lab | 92.08, 12.31, -7.55 |
| CIE LCh | 92, 14.440, 328.454 |
| Yxy | 80.8898, 0.3158, 0.3073 |
| Android (android.graphics.Color) | 4294631927 (0xFFFAE1F7) |
| YUV | 234.9830, 5.9244, 13.1699 |
| Hunter-Lab | 89.9388, 7.6100, -2.4560 |

Details

The XYZ color **83.1381, 80.8898, 99.2271** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.2437, 89.9826, 86.5950**, and the grayscale version is **78.9069, 83.0162, 90.4046**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7710, 43.8485, 55.3414** is the 20% darker color. If you saturate the color by 10%, you get **76.4098, 68.1671, 94.7188**, and if you desaturate by 10%, it is **90.8681, 95.6014, 104.1080**.

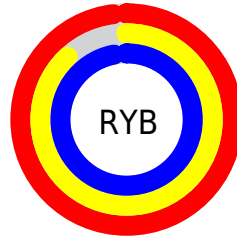
Distribution



Red (98%)

Green (88%)

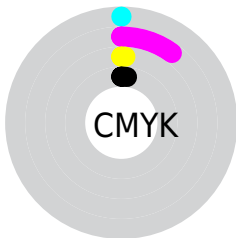
Blue (97%)



Red (98%)

Yellow (88%)

Blue (97%)

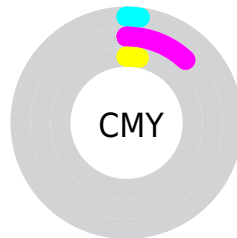


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (2%)



Cyan (2%)


Magenta (12%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.1381, 80.8898, 99.2271 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 83.1381, 80.8898, 99.2271 by changing the saturation by 10% instead.


 83.1381, 80.8898,
99.2271

 83.1381, 80.8898,
99.2271


494.0236,
497.9265, 578.9373

 62.6214, 60.4508,
75.0419

136.6964,
134.6160, 162.1372

 45.7925, 43.7821,
55.1453


170.4687,
168.6721, 201.6993

 32.2860, 30.4993,
39.1187


209.3902,
208.0360, 247.2240

 21.7367, 20.2179,
26.5435

253.8263,
253.0920, 299.1300

 13.7791, 12.5535,
17.0013

304.1423,
304.2248, 357.8358

 8.0478, 7.1218,
10.0734

360.7036,

 4.1776, 3.5384,

361.8185, 423.7600

5.3414

423.8756,
426.2576, 497.3209

■ 1.8031, 1.4189,
2.3867

■ 0.5195, 0.2306,
0.7792

■ 83.1381, 80.8898,
99.2271

■ 83.1381, 80.8898,
99.2271

■ 76.4098, 68.1671,
94.7188

■ 90.8681, 95.6014,
104.1080

■ 70.6331, 57.3372,
90.5633

■ 92.9151, 98.9364,
107.1306

■ 65.7646, 48.3116,
86.7470

■ 93.2350, 99.0643,
108.8151

■ 61.7543, 40.9909,
83.2530

■ 58.5477, 35.2656,
80.0630

■ 56.0837, 31.0140,
77.1565

■ 54.2926, 28.0966,
74.5100

■ 53.0913, 26.3472,
72.0956

■ 52.3425, 25.4914,
69.8675

Harmonies

Analogous

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



80.3400, 80.8898, 107.3302



83.1381, 80.8898, 99.2271



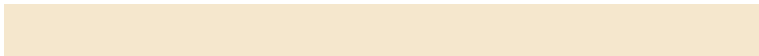
84.2533, 80.8898, 88.6289

Triad

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



83.1381, 80.8898, 99.2271



77.0764, 80.8898, 69.1531



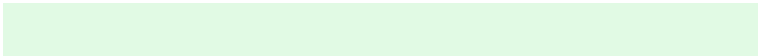
70.7677, 80.8898, 98.1946

Complementary

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



83.1381, 80.8898, 99.2271



79.2437, 89.9826, 86.5950

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.



69.9561, 80.8898, 87.5239



83.1381, 80.8898, 99.2271



73.5273, 80.8898, 71.2730

Square

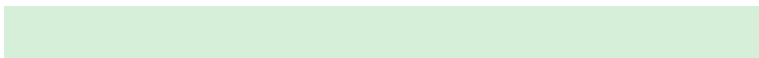
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



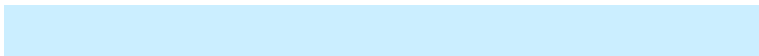
83.1381, 80.8898, 99.2271



80.6845, 80.8898, 71.7538



70.9504, 80.8898, 77.7919



73.2034, 80.8898, 106.7011

Rectangle

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



83.1381, 80.8898, 99.2271



83.8660, 80.8898, 81.7521



70.9504, 80.8898, 77.7919



70.2994, 80.8898, 94.7163

Sweetspot

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



83.1405, 80.8933, 99.2288



92.5104, 95.1568, 107.3259



76.1525, 77.2369, 101.3385



19.6593, 20.0974, 22.8834



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

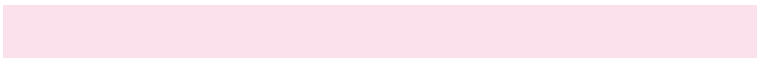
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.1405, 80.8933, 99.2288



85.4675, 81.7723, 102.8163



81.2876, 80.1522, 89.4718



17.8981, 17.4866, 21.3189



27.7994, 13.5355, 37.2478



2.5992, 1.2634, 3.5789

Inverse Universe

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



83.1405, 80.8933, 99.2288



85.4675, 81.7723, 102.8163



81.0299, 90.6971, 96.0011



17.8981, 17.4866, 21.3189



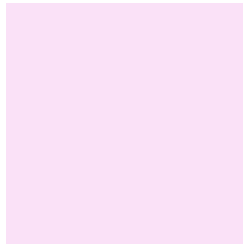
27.7994, 13.5355, 37.2478



2.5992, 1.2634, 3.5789

Previews

White Background



This preview shows how the XYZ color 83.1381, 80.8898, 99.2271 looks on a white background.

Color Contrast Check

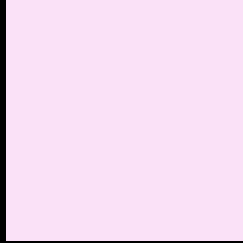
Large Text (above 18pt) WCAG AA × Fail

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 83.1381, 80.8898, 99.2271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

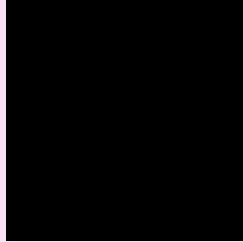
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.1381, 80.8898, 99.2271

Background



This preview shows how black text looks on a background with the XYZ color 83.1381, 80.8898, 99.2271.



This preview shows how white text looks on a background with the XYZ color 83.1381, 80.8898,

99.2271.

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

83.1381, 80.8898, 99.2271

Protanopia

78.9435, 81.1058, 102.7610

Deuteranopia

82.6963, 81.0646, 99.2842



Tritanopia

82.4409, 81.0035, 96.0842

Trichromacy



Original Color

83.1381, 80.8898, 99.2271

Protanomaly

80.5345, 81.1179, 101.8552

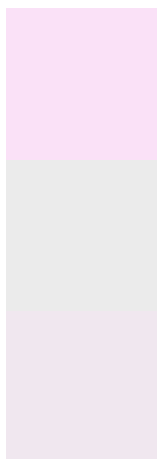
Deuteranomaly

83.0518, 81.2478, 99.3008

Tritanomaly

82.5924, 81.0641, 96.8818

Monochromacy



Original Color

83.1381, 80.8898, 99.2271

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.0911, 81.9091, 93.2501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.1381, 80.8898, 99.2271 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(250, 225, 247) looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 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(250, 225, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 247) }
```

Border

The CSS property to change the border of an element to XYZ 83.1381, 80.8898, 99.2271 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(250, 225, 247) }
```


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

```
.border{ border-color:rgb(250, 225, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 225, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 225, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 225, 247); box-shadow:4px 4px 4px 4px rgb(250, 225, 247) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1381, 80.8898, 99.2271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 225, 247) }
```

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

```
.background{ background-color: rgb(250,  
225, 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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