

Converting Colors

XYZ(83.0918, 81.1413,
105.0484)

Have a look what the booklet for
XYZ(83.0918, 81.1413, 105.0484)
contains.

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Color

**XYZ(83.0918, 81.1413,
105.0484)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E2FE
RGB	246, 226, 254
RGB Percent	96%, 89%, 100%
CMY	0.0353, 0.1137, 0.0039
CMYK	0.03, 0.11, 0.00, 0.00
HSL	283°, 93%, 94%
HSV	283°, 11%, 100%
XYZ	83.0918, 81.1413, 105.0484
YIQ	235.1720, 2.9320, 12.9480

Conversions

Conversions Part 2

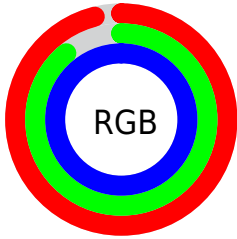
Format	Color
R _{YB}	246, 226, 254
Decimal	16179966
CIE Lab	92.19, 11.73, -11.08
CIE LCh	92, 16.140, 316.639
Yxy	81.1413, 0.3086, 0.3013
Android (android.graphics.Color)	4294370046 (0xFFFF6E2FE)
YUV	235.1720, 9.2822, 9.4962
Hunter-Lab	90.0785, 7.0179, -6.0883

Details

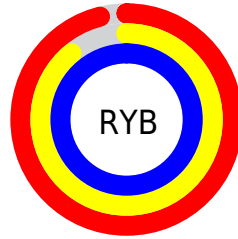
The XYZ color **83.0918, 81.1413, 105.0484** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.1039, 93.8692, 85.6941**, and the grayscale version is **79.0286, 83.1443, 90.5441**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8762, 44.1042, 58.9183** is the 20% darker color. If you saturate the color by 10%, you get **74.1946, 67.0516, 102.7990**, and if you desaturate by 10%, it is **93.1164, 97.3354, 107.6471**.

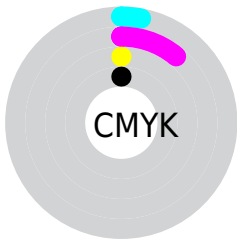
Distribution



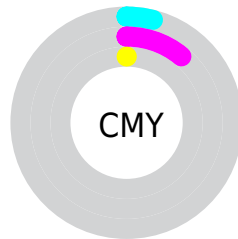
- Red (96%)
- Green (89%)
- Blue (100%)



- Red (96%)
- Yellow (89%)
- Blue (100%)



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



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.0918, 81.1413, 105.0484 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 83.0918, 81.1413, 105.0484 by changing the saturation by 10% instead.

83.0918, 81.1413,
105.0484

83.0918, 81.1413,
105.0484

493.8717,
498.7708, 597.6442

62.5831, 60.6580,
79.8830

136.6319,
134.9692, 170.1899

45.7614, 43.9492,
59.0965

170.3939,
169.0825, 211.0030

32.2614, 30.6306,
42.2703

209.3045,
208.5079, 257.8692

21.7177, 20.3177,
28.9858

253.7288,
253.6299, 311.2070

13.7651, 12.6262,
18.8246

304.0324,
304.8328, 371.4348

8.0381, 7.1717,
11.3681

360.5805,

4.1713, 3.5697,

362.5009, 438.9713

6.1977

423.7385,
427.0188, 514.2349

■ 1.7995, 1.4359,
2.8949

■ 0.5174, 0.2429,
1.0412

■ 83.0918, 81.1413,
105.0484

■ 83.0918, 81.1413,
105.0484

■ 74.1946, 67.0516,
102.7990

■ 93.1164, 97.3354,
107.6471

■ 66.3717, 54.9657,
100.8785

94.8896, 99.9359,
108.0555

■ 59.5761, 44.7902,
99.2726

■ 53.7545, 36.4200,
97.9638

■ 48.8484, 29.7399,
96.9330

■ 44.7923, 24.6208,
96.1587

■ 41.5114, 20.9148,
95.6163

■ 38.9160, 18.4444,
95.2762

■ 37.0448, 17.0307,
95.1020

Harmonies

Analogous

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



79.4380, 81.1413, 112.1933



83.0918, 81.1413, 105.0484



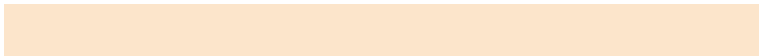
85.1783, 81.1413, 93.7552

Triad

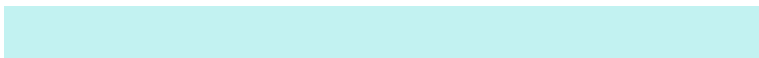
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0918, 81.1413, 105.0484



78.9876, 81.1413, 67.8627



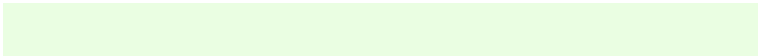
69.7018, 81.1413, 95.0796

Complementary

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



83.0918, 81.1413, 105.0484



83.1039, 93.8692, 85.6941

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.



69.5911, 81.1413, 83.1549



83.0918, 81.1413, 105.0484



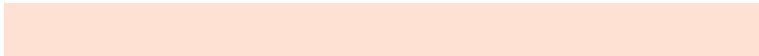
74.8522, 81.1413, 68.1478

Square

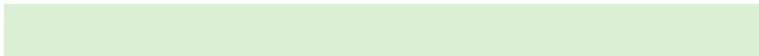
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0918, 81.1413, 105.0484



82.7519, 81.1413, 72.7030



71.4459, 81.1413, 73.5205



71.7541, 81.1413, 106.0928

Rectangle

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



83.0918, 81.1413, 105.0484



85.3526, 81.1413, 85.7243



71.4459, 81.1413, 73.5205



69.4389, 81.1413, 91.0269

Sweetspot

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



83.0942, 81.1448, 105.0502



91.8582, 94.8036, 108.0652



78.7935, 82.4017, 105.5194



19.4827, 20.0017, 23.0838



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.



83.0942, 81.1448, 105.0502



81.9720, 78.8904, 105.5147



85.0773, 82.2692, 100.5300



18.2572, 18.0243, 22.7667



19.6828, 9.0573, 50.1454



2.0241, 0.9374, 4.8875

Inverse Universe

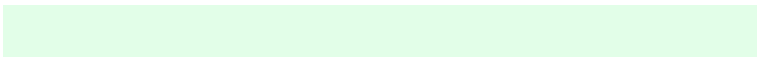
The Inverse Universe completely reimagines the original color for something new.



82.9235, 81.4077, 89.1886



81.7909, 79.2107, 86.8186



81.3175, 92.8580, 89.6874



18.2228, 18.0724, 19.7902



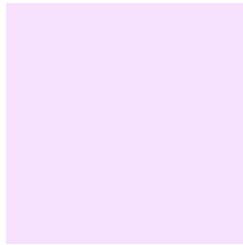
22.2300, 11.3813, 4.5956



2.2091, 1.1260, 0.6825

Previews

White Background



This preview shows how the XYZ color 83.0918, 81.1413, 105.0484 looks on a white background.

Color Contrast Check

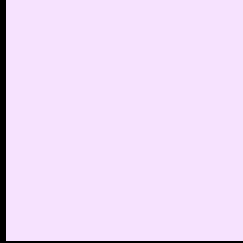
Large Text (above 18pt) WCAG AA × Fail

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 83.0918, 81.1413, 105.0484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

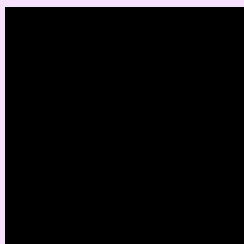
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.0918, 81.1413, 105.0484

Background



This preview shows how black text looks on a background with the XYZ color 83.0918, 81.1413, 105.0484.

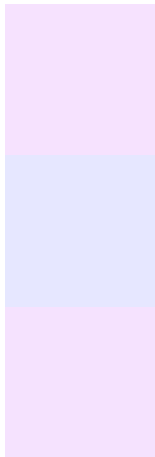


This preview shows how white text looks on a background with the XYZ color 83.0918, 81.1413,

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

83.0918, 81.1413, 105.0484

Protanopia

79.2590, 81.1948, 106.1025

Deuteranopia

82.7419, 80.9609, 105.0320



Tritanopia

81.6067, 80.9432, 97.7087

Trichromacy



Original Color

83.0918, 81.1413, 105.0484

Protanomaly

80.6614, 81.0915, 106.0087

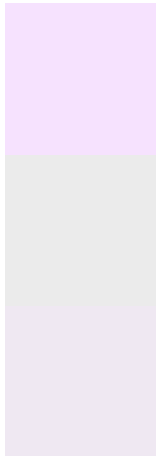
Deuteranomaly

82.7419, 80.9609, 105.0320

Tritanomaly

82.0686, 81.1280, 100.1407

Monochromacy



Original Color

83.0918, 81.1413, 105.0484

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.4802, 82.4748, 95.6819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0918, 81.1413, 105.0484 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(246, 226, 254) looks like.

```
.text, #text, p{  
    color:rgb(246, 226, 254)  
}
```

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(246, 226, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 226, 254) }
```

Border

The CSS property to change the border of an element to XYZ 83.0918, 81.1413, 105.0484 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(246, 226, 254) }
```


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

```
.border{ border-color:rgb(246, 226, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 226, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 226, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 226, 254);  
box-shadow:4px 4px 4px 4px rgb(246, 226,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0918, 81.1413, 105.0484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 226, 254) }
```

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

```
.background{ background-color: rgb(246,  
226, 254) }
```

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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