

Converting Colors

XYZ(87.9115, 82.9278,
128.5353)

Have a look what the booklet for
XYZ(87.9115, 82.9278, 128.5353)
contains.

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Color

**XYZ(83.6041, 81.3869,
105.9106)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E2FF
RGB	247, 226, 255
RGB Percent	97%, 89%, 100%
CMY	0.0314, 0.1137, 0.0000
CMYK	0.03, 0.11, 0.00, 0.00
HSL	283°, 100%, 94%
HSV	283°, 11%, 100%
XYZ	83.6041, 81.3869, 105.9106
YIQ	235.5850, 3.2070, 13.4710

Conversions

Conversions Part 2

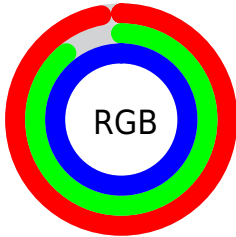
Format	Color
R _Y B	247, 226, 255
Decimal	16245503
CIE Lab	92.30, 12.25, -11.43
CIE LCh	92, 16.753, 316.964
Yxy	81.3869, 0.3086, 0.3004
Android (android.graphics.Color)	4294435583 (0xFF7E2FF)
YUV	235.5850, 9.5716, 10.0110
Hunter-Lab	90.2147, 7.5445, -6.4552

Details

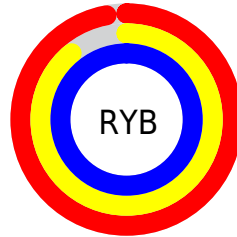
The XYZ color **83.6041, 81.3869, 105.9106** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.4213, 94.5044, 85.8001**, and the grayscale version is **79.3411, 83.4730, 90.9021**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2418, 44.2794, 59.5357** is the 20% darker color. If you saturate the color by 10%, you get **74.7456, 67.2827, 103.6551**, and if you desaturate by 10%, it is **93.5916, 97.6084, 108.5152**.

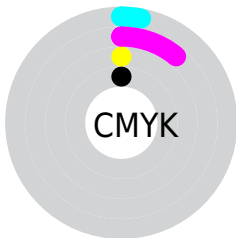
Distribution



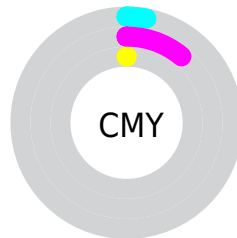
- Red (97%)
- Green (89%)
- Blue (100%)



- Red (97%)
- Yellow (89%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.6041, 81.3869, 105.9106 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 83.6041, 81.3869, 105.9106 by changing the saturation by 10% instead.


 83.6041, 81.3869,
105.9106

 83.6041, 81.3869,
105.9106


495.5512,
499.5946, 600.3887

 63.0072, 60.8603,
80.6015


137.3454,
135.3139, 171.3787

 46.1057, 44.1124,
59.6844


171.2205,
169.4831, 212.3749

 32.5342, 30.7589,
42.7407


210.2524,
208.9686, 259.4371

 21.9274, 20.4153,
29.3518

254.8064,
254.1548, 312.9840

 13.9199, 12.6973,
19.0992

305.2480,
305.4261, 373.4340

 8.1463, 7.2204,
11.5645

361.9424,

 4.2413, 3.6003,

363.1669, 441.2058

6.3289

425.2550,
427.7616, 516.7179

■ 1.8395, 1.4526,
2.9741

■ 0.5413, 0.2550,
1.0814

■ 83.6041, 81.3869,
105.9106

■ 83.6041, 81.3869,
105.9106

■ 74.7456, 67.2827,
103.6551

■ 93.5916, 97.6084,
108.5152

■ 66.9634, 55.1945,
101.7320

95.0500, 100.0000,
108.9000

■ 60.2098, 45.0276,
100.1255

■ 54.4308, 36.6757,
98.8180

■ 49.5674, 30.0220,
97.7901

■ 45.5532, 24.9358,
97.0199

■ 42.3125, 21.2669,
96.4826

■ 39.7540, 18.8349,
96.1480

■ 37.9746, 17.4915,
95.9825

Harmonies

Analogous

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



79.8113, 81.3869, 113.4433



83.6041, 81.3869, 105.9106



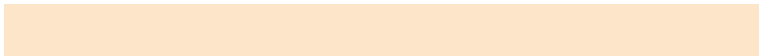
85.7562, 81.3869, 94.1059

Triad

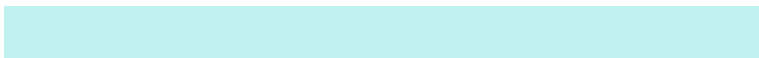
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.6041, 81.3869, 105.9106



79.2495, 81.3869, 67.3520



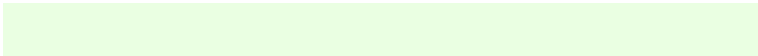
69.6604, 81.3869, 95.7594

Complementary

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



83.6041, 81.3869, 105.9106



83.4213, 94.5044, 85.8001

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.



69.5227, 81.3869, 83.3449



83.6041, 81.3869, 105.9106



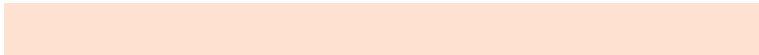
74.9512, 81.3869, 67.7050

Square

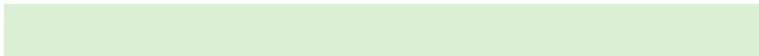
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.6041, 81.3869, 105.9106



83.1797, 81.3869, 72.3014



71.4269, 81.3869, 73.3156



71.8103, 81.3869, 107.2181

Rectangle

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



83.6041, 81.3869, 105.9106



85.9204, 81.3869, 85.7559



71.4269, 81.3869, 73.3156



69.3802, 81.3869, 91.5400

Sweetspot

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



83.6063, 81.3903, 105.9111



91.8858, 94.8177, 108.0665



78.9016, 82.3611, 106.3465



19.4901, 20.0056, 23.0842



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.



83.6063, 81.3903, 105.9111



81.1690, 77.4795, 105.2847



85.4928, 82.4778, 100.8059



18.2754, 18.0337, 22.7676



19.9943, 9.2179, 50.1600



2.0524, 0.9520, 4.8888

Inverse Universe

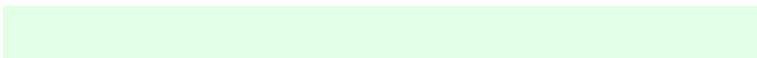
The Inverse Universe completely reimagines the original color for something new.



83.2898, 81.5966, 89.2049



80.8134, 77.7451, 84.9843



81.7323, 93.5322, 90.3043



18.2152, 18.0694, 19.7506



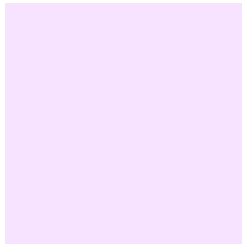
22.1858, 11.3636, 4.3632



2.2040, 1.1240, 0.6555

Previews

White Background



This preview shows how the XYZ color 83.6041, 81.3869, 105.9106 looks on a white background.

Color Contrast Check

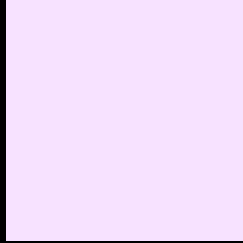
Large Text (above 18pt) WCAG AA × Fail

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 83.6041, 81.3869, 105.9106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

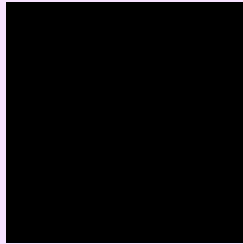
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

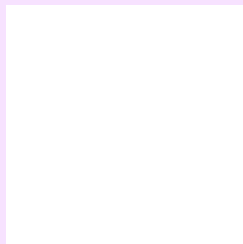
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.6041, 81.3869, 105.9106

Background



This preview shows how black text looks on a background with the XYZ color 83.6041, 81.3869, 105.9106.



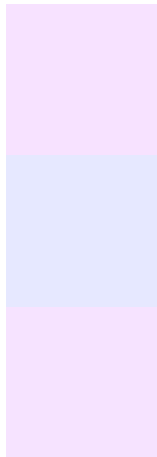
This preview shows how white text looks on a background with the XYZ color 83.6041, 81.3869,

105.9106.

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

83.6041, 81.3869, 105.9106

Protanopia

79.5397, 81.7562, 106.1961

Deuteranopia

83.5251, 81.7510, 105.9850



Tritanopia

82.2309, 81.6722, 97.8165

Trichromacy



Original Color

83.6041, 81.3869, 105.9106

Protanomaly

80.9389, 81.6465, 106.1012

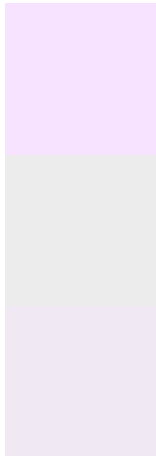
Deuteranomaly

83.5251, 81.7510, 105.9850

Tritanomaly

82.5740, 81.3706, 100.9765

Monochromacy



Original Color

83.6041, 81.3869, 105.9106

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.9695, 82.7096, 96.4910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.6041, 81.3869, 105.9106 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(247, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 226, 255)  
}
```

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(247, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 83.6041, 81.3869, 105.9106 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(247, 226, 255) }
```


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

```
.border{ border-color:rgb(247, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 83.6041, 81.3869, 105.9106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 226, 255) }
```

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

```
.background{ background-color: rgb(247,  
226, 255) }
```

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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