

Converting Colors

XYZ(85.5150, 82.4241,
113.0274)

Have a look what the booklet for
XYZ(85.5150, 82.4241, 113.0274)
contains.

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Color

**XYZ(84.2305, 82.1146,
106.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E3FF
RGB	248, 227, 255
RGB Percent	97%, 89%, 100%
CMY	0.0274, 0.1098, 0.0000
CMYK	0.03, 0.11, 0.00, 0.00
HSL	285°, 100%, 95%
HSV	285°, 11%, 100%
XYZ	84.2305, 82.1146, 106.0180
YIQ	236.4710, 3.5280, 13.1600

Conversions

Conversions Part 2

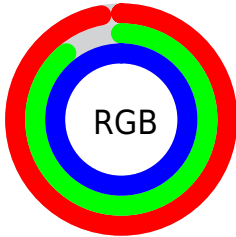
Format	Color
R_{YB}	248, 227, 255
Decimal	16311295
CIE _{Lab}	92.63, 12.05, -10.95
CIE _{LCh}	93, 16.280, 317.754
Yxy	82.1146, 0.3093, 0.3015
Android (android.graphics.Color)	4294501375 (0xFFFF8E3FF)
YUV	236.4710, 9.1348, 10.1109
Hunter-Lab	90.6171, 7.3396, -5.9347

Details

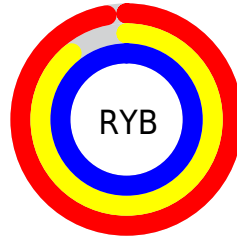
The XYZ color **84.2305, 82.1146, 106.0180** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **83.5588, 94.5594, 86.5249**, and the grayscale version is **80.0219, 84.1893, 91.6822**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6838, 44.7887, 59.6107** is the 20% darker color. If you saturate the color by 10%, you get **75.5449, 68.0408, 103.7593**, and if you desaturate by 10%, it is **94.0304, 98.3007, 108.6257**.

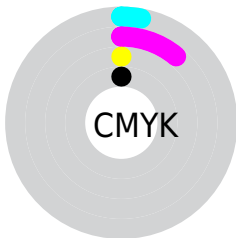
Distribution



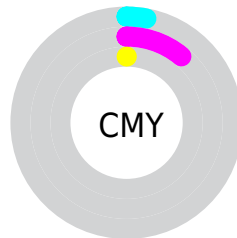
- Red (97%)
- Green (89%)
- Blue (100%)



- 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 84.2305, 82.1146, 106.0180 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 84.2305, 82.1146, 106.0180 by changing the saturation by 10% instead.


 84.2305, 82.1146,
106.0180

 84.2305, 82.1146,
106.0180


497.6005,
502.0309, 600.7301

 63.5261, 61.4600,
80.6911

138.2172,
136.3347, 171.5267

 46.5272, 44.5965,
59.7577


172.2301,
170.6690, 212.5456

 32.8684, 31.1397,
42.7993

211.4100,
210.3320, 259.6322

 22.1844, 20.7053,
29.3975

256.1222,
255.7080, 313.2051

 14.1098, 12.9087,
19.1335

306.7319,
307.1816, 373.6828

 8.2793, 7.3657,
11.5890

363.6047,

 4.3275, 3.6919,

365.1370, 441.4838

6.3454

427.1057,
429.9586, 517.0268

■ 1.8890, 1.5027,
2.9840

■ 0.5704, 0.2906,
1.0865

■ 84.2305, 82.1146,
106.0180

■ 84.2305, 82.1146,
106.0180

■ 75.5449, 68.0408,
103.7593

94.0304, 98.3007,
108.6257

■ 67.9209, 55.9781,
101.8328

95.0500, 100.0000,
108.9000

■ 61.3115, 45.8324,
100.2228

■ 55.6631, 37.4979,
98.9118

■ 50.9170, 30.8584,
97.8804

■ 47.0077, 25.7840,
97.1070

■ 43.8600, 22.1255,
96.5667

■ 41.3840, 19.7041,
96.2298

■ 39.6000, 18.3294,
96.0585

Harmonies

Analogous

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



80.5564, 82.1146, 113.5028



84.2305, 82.1146, 106.0180



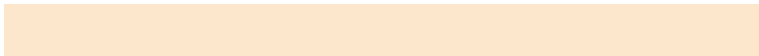
86.2767, 82.1146, 94.4459

Triad

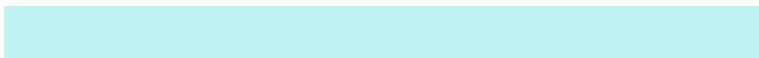
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2305, 82.1146, 106.0180



79.7870, 82.1146, 68.5046



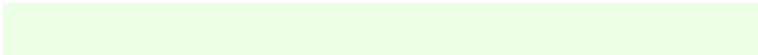
70.5480, 82.1146, 96.7087

Complementary

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



84.2305, 82.1146, 106.0180



83.5588, 94.5594, 86.5249

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.



70.3589, 82.1146, 84.5541



84.2305, 82.1146, 106.0180



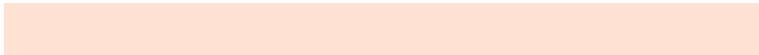
75.5912, 82.1146, 68.9913

Square

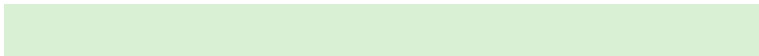
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.2305, 82.1146, 106.0180



83.6498, 82.1146, 73.2359



72.1747, 82.1146, 74.6318



72.7011, 82.1146, 107.8030

Rectangle

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



84.2305, 82.1146, 106.0180



86.3952, 82.1146, 86.2998



72.1747, 82.1146, 74.6318



70.2555, 82.1146, 92.5917

Sweetspot

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



84.2327, 82.1180, 106.0186



91.9578, 94.8549, 108.0699



79.1543, 82.3998, 106.3406



19.5096, 20.0156, 23.0851



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.



84.2327, 82.1180, 106.0186



82.3881, 79.1049, 105.5342



85.6541, 82.9786, 100.3101



18.3232, 18.0583, 22.7698



20.8357, 9.6517, 50.1994



2.1285, 0.9912, 4.8924

Inverse Universe

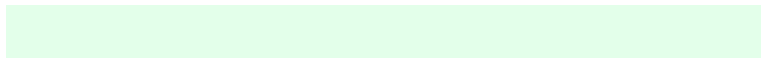
The Inverse Universe completely reimagines the original color for something new.



83.5624, 82.1419, 89.2954



81.6236, 79.1438, 85.9380



82.2922, 93.7926, 91.6116



18.1956, 18.0616, 19.6472



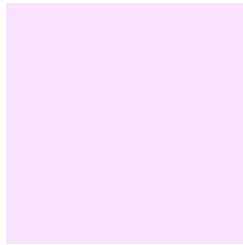
22.0784, 11.3206, 3.7971



2.1912, 1.1188, 0.5882

Previews

White Background



This preview shows how the XYZ color 84.2305, 82.1146, 106.0180 looks on a white background.

Color Contrast Check

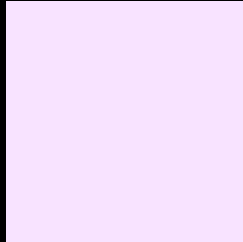
Large Text (above 18pt) WCAG AA × Fail

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 84.2305, 82.1146, 106.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

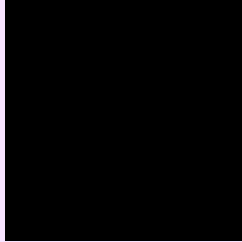
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.2305, 82.1146, 106.0180

Background



This preview shows how black text looks on a background with the XYZ color 84.2305, 82.1146, 106.0180.



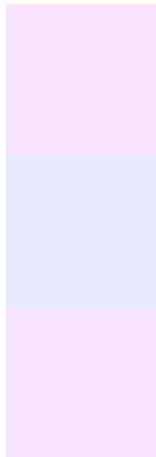
This preview shows how white text looks on a background with the XYZ color 84.2305, 82.1146,

106.0180.

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

84.2305, 82.1146, 106.0180

Protanopia

80.1439, 82.4868, 106.3052

Deuteranopia

83.8769, 81.9323, 106.0015



Tritanopia

82.7357, 81.9148, 98.6393

Trichromacy



Original Color

84.2305, 82.1146, 106.0180

Protanomaly

81.5510, 82.3764, 106.2098

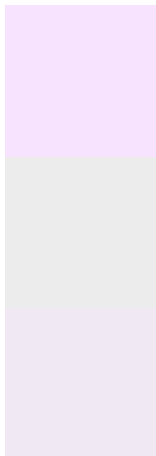
Deuteranomaly

83.8769, 81.9323, 106.0015

Tritanomaly

83.2001, 82.1005, 101.0844

Monochromacy



Original Color

84.2305, 82.1146, 106.0180

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.2518, 83.2742, 96.5851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2305, 82.1146, 106.0180 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, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 227, 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(248, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 227, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.2305, 82.1146, 106.0180 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, 227, 255) }
```


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

```
.border{ border-color:rgb(248, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 227,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2305, 82.1146, 106.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 227, 255) }
```

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

```
.background{ background-color: rgb(248,  
227, 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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