

Converting Colors

XYZ(85.4692, 82.7394,
106.0733)

Have a look what the booklet for
XYZ(85.4692, 82.7394, 106.0733)
contains.

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Color

**XYZ(85.3027, 82.6674,
106.0682)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE3FF
RGB	251, 227, 255
RGB Percent	98%, 89%, 100%
CMY	0.0157, 0.1098, 0.0000
CMYK	0.02, 0.11, 0.00, 0.00
HSL	291°, 100%, 95%
HSV	291°, 11%, 100%
XYZ	85.3027, 82.6674, 106.0682
YIQ	237.3680, 5.3160, 13.7960

Conversions

Conversions Part 2

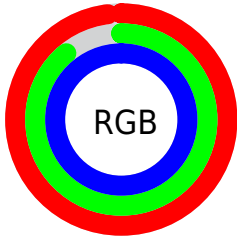
Format	Color
RYB	251, 227, 255
Decimal	16507903
CIELab	92.87, 13.03, -10.56
CIElCh	93, 16.772, 320.990
Yxy	82.6674, 0.3113, 0.3017
Android (android.graphics.Color)	4294697983 (0xFFFFBE3FF)
YUV	237.3680, 8.6926, 11.9553
Hunter-Lab	90.9216, 8.3560, -5.5220

Details

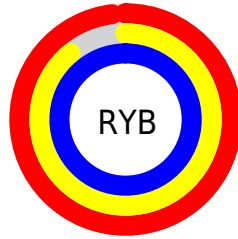
The XYZ color **85.3027, 82.6674, 106.0682** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.5823, 94.0560, 86.4793**, and the grayscale version is **80.7140, 84.9174, 92.4750**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1937, 45.0516, 59.6345** is the 20% darker color. If you saturate the color by 10%, you get **77.5394, 69.0691, 103.8526**, and if you desaturate by 10%, it is **94.1285, 98.3514, 108.6304**.

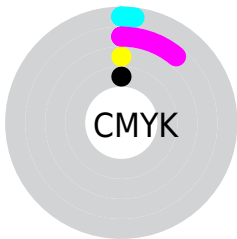
Distribution



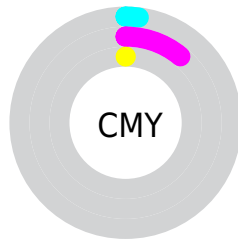
- Red (98%)
- Green (89%)
- Blue (100%)



- Red (98%)
- Yellow (89%)
- Blue (100%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3027, 82.6674, 106.0682 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 85.3027, 82.6674, 106.0682 by changing the saturation by 10% instead.

 85.3027, 82.6674,
106.0682

 85.3027, 82.6674,
106.0682


501.0978,
503.8774, 600.8896

 64.4149, 61.9158,
80.7329


139.7079,
137.1095, 171.5959

 47.2497, 44.9647,
59.7919


173.9559,
171.5689, 212.6254

 33.4419, 31.4296,
42.8268


213.3880,
211.3662, 259.7234

 22.6260, 20.9262,
29.4188

258.3696,
256.8860, 313.3085

 14.4368, 13.0701,
19.1496

309.2660,
308.5126, 373.7991

 8.5088, 7.4768,
11.6005

366.4426,

 4.4767, 3.7620,

366.6305, 441.6138

6.3531

430.2647,
431.6239, 517.1711

■ 1.9752, 1.5414,
2.9887

■ 0.6200, 0.3176,
1.0889

■ 85.3027, 82.6674,
106.0682

■ 85.3027, 82.6674,
106.0682

■ 77.5394, 69.0691,
103.8526

94.1285, 98.3514,
108.6304

■ 70.7866, 57.4555,
101.9669

95.0500, 100.0000,
108.9000

■ 64.9979, 47.7329,
100.3953

■ 60.1203, 39.7958,
99.1204

■ 56.0959, 33.5283,
98.1228

■ 52.8597, 28.8008,
97.3808

■ 50.3372, 25.4646,
96.8698

■ 48.4391, 23.3412,
96.5600

■ 47.1367, 22.2147,
96.4112

Harmonies

Analogous

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



81.6295, 82.6674, 114.4689



85.3027, 82.6674, 106.0682



87.1908, 82.6674, 93.8423

Triad

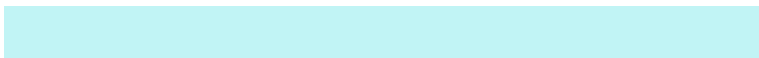
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3027, 82.6674, 106.0682



79.8996, 82.6674, 68.2218



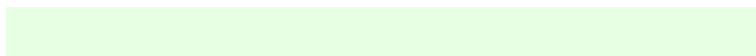
70.9668, 82.6674, 98.9331

Complementary

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



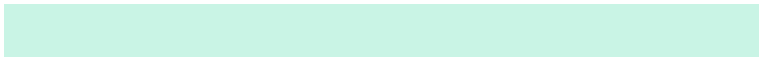
85.3027, 82.6674, 106.0682



82.5823, 94.0560, 86.4793

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.



70.5424, 82.6674, 86.2849



85.3027, 82.6674, 106.0682



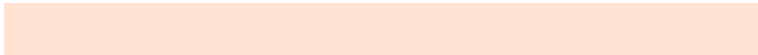
75.5935, 82.6674, 69.3110

Square

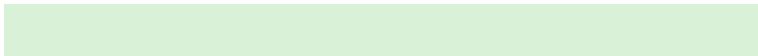
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.3027, 82.6674, 106.0682



83.9960, 82.6674, 72.5341



72.2067, 82.6674, 75.6616



73.3883, 82.6674, 110.0907

Rectangle

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



85.3027, 82.6674, 106.0682



87.1366, 82.6674, 85.4889



72.2067, 82.6674, 75.6616



70.5895, 82.6674, 94.6893

Sweetspot

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



85.3049, 82.6709, 106.0688



92.2570, 95.0092, 108.0839



78.3637, 80.8185, 106.0771



19.5906, 20.0574, 23.0889



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.



85.3049, 82.6709, 106.0688



83.6509, 79.7559, 105.5933



85.2230, 82.8063, 98.0395



18.5226, 18.1612, 22.7792



24.7277, 11.6581, 50.3815



2.4745, 1.1695, 4.9086

Inverse Universe

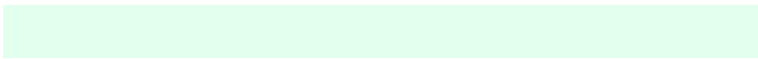
The Inverse Universe completely reimagines the original color for something new.



83.1351, 81.9711, 87.0448



81.1293, 78.9461, 83.3351



82.6978, 93.9548, 93.7470



18.1150, 18.0293, 19.2229



21.7503, 11.1894, 2.0696



2.1480, 1.1016, 0.3609

Previews

White Background



This preview shows how the XYZ color 85.3027, 82.6674, 106.0682 looks on a white background.

Color Contrast Check

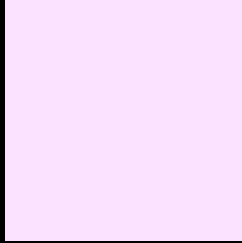
Large Text (above 18pt) WCAG AA × Fail

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 85.3027, 82.6674, 106.0682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

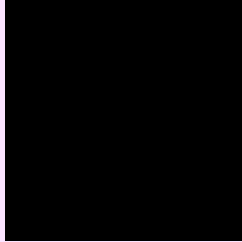
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.3027, 82.6674, 106.0682

Background



This preview shows how black text looks on a background with the XYZ color 85.3027, 82.6674, 106.0682.



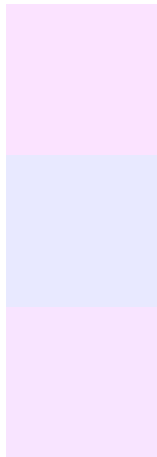
This preview shows how white text looks on a background with the XYZ color 85.3027, 82.6674,

106.0682.

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

85.3027, 82.6674, 106.0682

Protanopia

80.4676, 82.6536, 106.3204

Deuteranopia

84.5048, 82.6633, 106.1095



Tritanopia

83.8023, 82.4646, 98.6892

Trichromacy



Original Color

85.3027, 82.6674, 106.0682

Protanomaly

82.2225, 82.7226, 106.2412

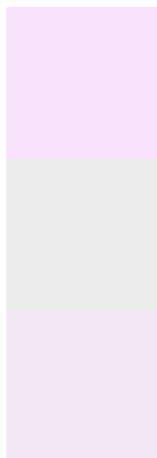
Deuteranomaly

84.8603, 82.8465, 106.1261

Tritanomaly

84.2666, 82.6504, 101.1343

Monochromacy



Original Color

85.3027, 82.6674, 106.0682

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

82.0860, 83.6867, 97.4147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3027, 82.6674, 106.0682 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(251, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 227, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.3027, 82.6674, 106.0682 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(251, 227, 255) }
```


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

```
.border{ border-color:rgb(251, 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(251, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 227,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3027, 82.6674, 106.0682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 227, 255) }
```

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

```
.background{ background-color: rgb(251,  
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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