

Converting Colors

XYZ(86.0855, 83.3829,
106.1651)

Have a look what the booklet for
XYZ(86.0855, 83.3829, 106.1651)
contains.

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Color

**XYZ(86.3014, 83.5895,
106.1935)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE4FF
RGB	253, 228, 255
RGB Percent	99%, 89%, 100%
CMY	0.0078, 0.1059, 0.0000
CMYK	0.01, 0.11, 0.00, 0.00
HSL	296°, 100%, 95%
HSV	296°, 11%, 100%
XYZ	86.3014, 83.5895, 106.1935
YIQ	238.5530, 6.2330, 13.6970

Conversions

Conversions Part 2

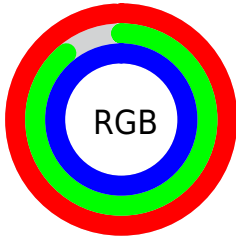
Format	Color
R _Y B	253, 228, 255
Decimal	16639231
CIE _{Lab}	93.27, 13.17, -9.94
CIE _{LCh}	93, 16.499, 322.955
Yxy	83.5895, 0.3126, 0.3028
Android (android.graphics.Color)	4294829311 (0xFFFD E4FF)
YUV	238.5530, 8.1084, 12.6700
Hunter-Lab	91.4273, 8.4946, -4.8667

Details

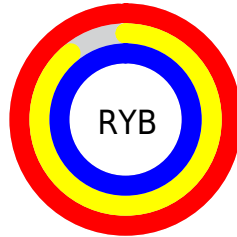
The XYZ color **86.3014, 83.5895, 106.1935** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.3989, 93.9455, 87.1935**, and the grayscale version is **81.6343, 85.8857, 93.5295**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9016, 45.7001, 59.7224** is the 20% darker color. If you saturate the color by 10%, you get **79.1141, 70.2292, 103.9936**, and if you desaturate by 10%, it is **94.5345, 99.0295, 108.7398**.

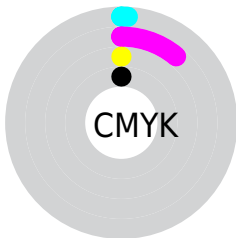
Distribution



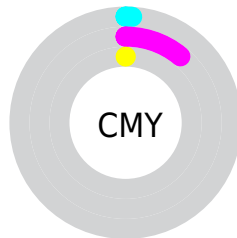
- Red (99%)
- Green (89%)
- Blue (100%)



- Red (99%)
- Yellow (89%)
- Blue (100%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.3014, 83.5895, 106.1935 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 86.3014, 83.5895, 106.1935 by changing the saturation by 10% instead.


 86.3014, 83.5895,
106.1935

 86.3014, 83.5895,
106.1935


504.3436,
506.9491, 601.2878

 65.2433, 62.6766,
80.8374


141.0947,
138.4008, 171.7686

 47.9239, 45.5796,
59.8774


175.5606,
173.0680, 212.8246

 33.9776, 31.9142,
42.8952


215.2265,
213.0887, 259.9510

 23.0392, 21.2960,
29.4721

260.4578,
258.8473, 313.5664

 14.7433, 13.3405,
19.1896

311.6198,
310.7283, 374.0892

 8.7246, 7.6635,
11.6292

369.0778,

 4.6176, 3.8804,

369.1160, 441.9380

6.3722

433.1973,
434.3948, 517.5313

■ 2.0571, 1.6069,
3.0003

■ 0.6658, 0.3622,
1.0948

■ 86.3014, 83.5895,
106.1935

■ 86.3014, 83.5895,
106.1935

■ 79.1141, 70.2292,
103.9936

94.5345, 99.0295,
108.7398

■ 72.9208, 58.8479,
102.1232

95.0500, 100.0000,
108.9000

■ 67.6754, 49.3521,
100.5668

■ 63.3251, 41.6368,
99.3068

■ 59.8125, 35.5866,
98.3242

■ 57.0729, 31.0727,
97.5973

■ 55.0325, 27.9472,
97.1016

■ 53.6028, 26.0332,
96.8075

■ 52.6826, 25.0738,
96.6708

Harmonies

Analogous

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



82.7502, 83.5895, 114.8561



86.3014, 83.5895, 106.1935



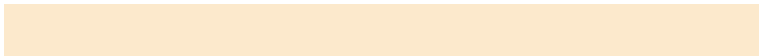
88.0269, 83.5895, 93.9791

Triad

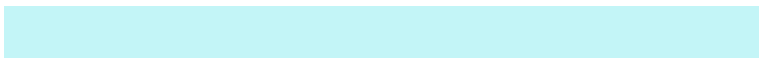
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3014, 83.5895, 106.1935



80.4778, 83.5895, 69.2865



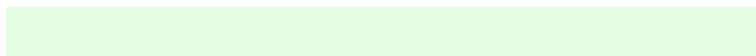
72.0066, 83.5895, 100.6625

Complementary

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



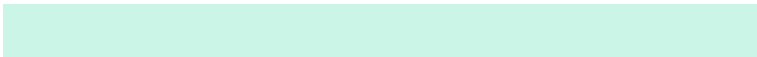
86.3014, 83.5895, 106.1935



82.3989, 93.9455, 87.1935

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.



71.4479, 83.5895, 88.1134



86.3014, 83.5895, 106.1935



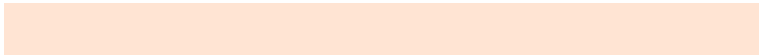
76.2373, 83.5895, 70.7245

Square

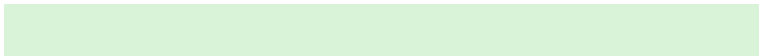
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3014, 83.5895, 106.1935



84.5861, 83.5895, 73.2324



72.9699, 83.5895, 77.3560



74.5248, 83.5895, 111.4651

Rectangle

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



86.3014, 83.5895, 106.1935



87.8670, 83.5895, 85.7587



72.9699, 83.5895, 77.3560



71.5872, 83.5895, 96.4813

Sweetspot

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



86.3036, 83.5930, 106.1941



92.4498, 95.1085, 108.0929



78.4147, 80.4509, 106.0034



19.6428, 20.0843, 23.0913



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.



86.3036, 83.5930, 106.1941



84.4743, 80.1804, 105.6318



85.2766, 83.2667, 96.9685



18.6521, 18.2279, 22.7852



27.5838, 13.1305, 50.5152



2.7238, 1.2981, 4.9203

Inverse Universe

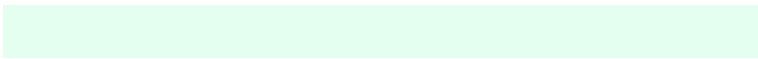
The Inverse Universe completely reimagines the original color for something new.



83.2686, 82.4635, 86.3944



80.8173, 78.8212, 81.6920



83.3743, 94.2619, 95.6579



18.0639, 18.0089, 18.9538



21.6291, 11.1409, 1.4316



2.1240, 1.0920, 0.2343

Previews

White Background



This preview shows how the XYZ color 86.3014, 83.5895, 106.1935 looks on a white background.

Color Contrast Check

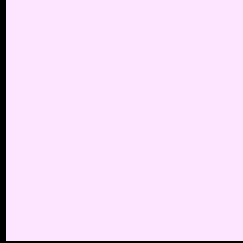
Large Text (above 18pt) WCAG AA × Fail

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 86.3014, 83.5895, 106.1935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

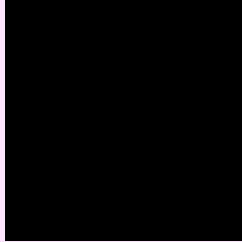
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

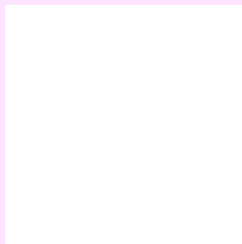
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.3014, 83.5895, 106.1935

Background



This preview shows how black text looks on a background with the XYZ color 86.3014, 83.5895, 106.1935.

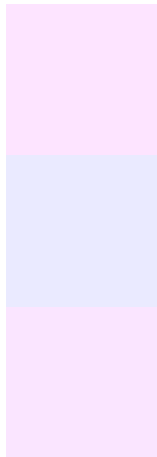


This preview shows how white text looks on a background with the XYZ color 86.3014, 83.5895,

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

86.3014, 83.5895, 106.1935

Protanopia

81.4045, 83.5581, 106.4456

Deuteranopia

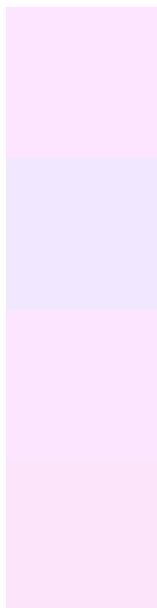
85.4937, 83.5826, 106.2348



Tritanopia

84.9527, 83.4495, 99.6256

Trichromacy



Original Color

86.3014, 83.5895, 106.1935

Protanomaly

83.1822, 83.6340, 106.3665

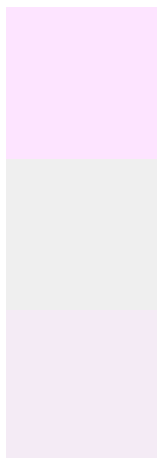
Deuteranomaly

85.8530, 83.7679, 106.2516

Tritanomaly

85.4195, 83.6362, 102.0838

Monochromacy



Original Color

86.3014, 83.5895, 106.1935

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.4980, 85.2423, 98.4388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3014, 83.5895, 106.1935 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(253, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 228, 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(253, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 228, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.3014, 83.5895, 106.1935 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(253, 228, 255) }
```


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

```
.border{ border-color:rgb(253, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 228,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3014, 83.5895, 106.1935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 228, 255) }
```

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

```
.background{ background-color: rgb(253,  
228, 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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