

Converting Colors

XYZ(85.9943, 83.0036,
106.0967)

Have a look what the booklet for
XYZ(85.9943, 83.0036, 106.0967)
contains.

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Color

**XYZ(86.0271, 83.0408,
106.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE3FF
RGB	253, 227, 255
RGB Percent	99%, 89%, 100%
CMY	0.0078, 0.1098, 0.0000
CMYK	0.01, 0.11, 0.00, 0.00
HSL	296°, 100%, 95%
HSV	296°, 11%, 100%
XYZ	86.0271, 83.0408, 106.1021
YIQ	237.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

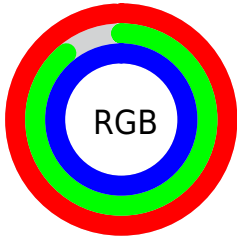
Format	Color
RYB	253, 227, 255
Decimal	16638975
CIELab	93.03, 13.69, -10.30
CIELCh	93, 17.128, 323.050
Yxy	83.0408, 0.3126, 0.3018
Android (android.graphics.Color)	4294829055 (0xFFFDE3FF)
YUV	237.9660, 8.3978, 13.1848
Hunter-Lab	91.1267, 9.0390, -5.2448

Details

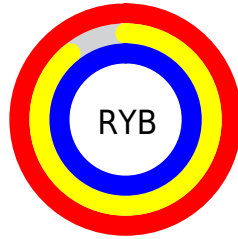
The XYZ color **86.0271, 83.0408, 106.1021** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.9403, 93.7250, 86.4492**, and the grayscale version is **81.1772, 85.4048, 93.0058**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7105, 45.3180, 59.6587** is the 20% darker color. If you saturate the color by 10%, you get **78.9038, 69.7724, 103.9165**, and if you desaturate by 10%, it is **94.1940, 98.3851, 108.6334**.

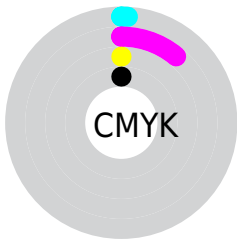
Distribution



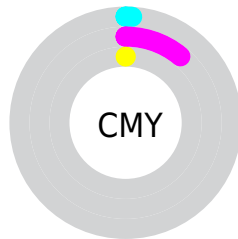
- Red (99%)
- Green (89%)
- Blue (100%)



- 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 86.0271, 83.0408, 106.1021 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 86.0271, 83.0408, 106.1021 by changing the saturation by 10% instead.


 86.0271, 83.0408,
106.1021

 86.0271, 83.0408,
106.1021


503.4532,
505.1225, 600.9974

 65.0157, 62.2238,
80.7612


140.7139,
137.6326, 171.6426

 47.7386, 45.2136,
59.8151


175.1201,
172.1762, 212.6793

 33.8303, 31.6257,
42.8453


214.7219,
212.0641, 259.7850

 22.9255, 21.0757,
29.4332

259.8848,
257.6808, 313.3783

 14.6589, 13.1794,
19.1604

310.9739,
309.4105, 373.8776

 8.6651, 7.5522,
11.6083

368.3548,

 4.5788, 3.8098,

367.6378, 441.7015

6.3582

432.3928,
432.7470, 517.2686

■ 2.0345, 1.5677,
2.9918

■ 0.6532, 0.3357,
1.0905

■ 86.0271, 83.0408,
106.1021

■ 86.0271, 83.0408,
106.1021

■ 78.9038, 69.7724,
103.9165

94.1940, 98.3851,
108.6334

■ 72.7723, 58.4791,
102.0598

95.0500, 100.0000,
108.9000

■ 67.5861, 49.0671,
100.5165

■ 63.2925, 41.4311,
99.2689

■ 59.8337, 35.4551,
98.2977

■ 57.1447, 31.0098,
97.5814

■ 55.1514, 27.9464,
97.0951

■ 53.7643, 26.0864,
96.8092

■ 52.9076, 25.1897,
96.6813

Harmonies

Analogous

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



82.3551, 83.0408, 115.1186



86.0271, 83.0408, 106.1021



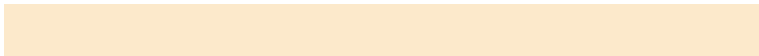
87.8077, 83.0408, 93.4408

Triad

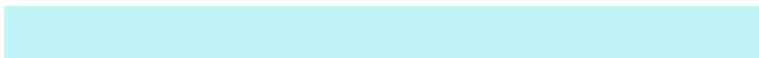
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0271, 83.0408, 106.1021



79.9766, 83.0408, 68.0362



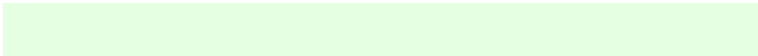
71.2505, 83.0408, 100.4434

Complementary

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



86.0271, 83.0408, 106.1021



81.9403, 93.7250, 86.4492

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.



70.6677, 83.0408, 87.4598



86.0271, 83.0408, 106.1021



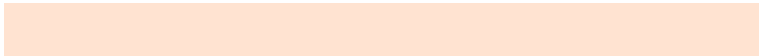
75.5969, 83.0408, 69.5292

Square

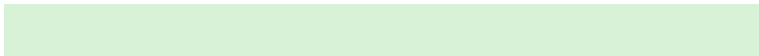
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0271, 83.0408, 106.1021



84.2296, 83.0408, 72.0695



72.2302, 83.0408, 76.3599



73.8532, 83.0408, 111.6414

Rectangle

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



86.0271, 83.0408, 106.1021



87.6365, 83.0408, 84.9506



72.2302, 83.0408, 76.3599



70.8160, 83.0408, 96.1137

Sweetspot

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



86.0293, 83.0443, 106.1027



92.4573, 95.1124, 108.0932



77.8435, 79.7780, 105.9036



19.6449, 20.0854, 23.0914



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.



86.0293, 83.0443, 106.1027



84.5062, 80.1969, 105.6333



84.9391, 82.6927, 96.5446



18.6571, 18.2305, 22.7855



27.6996, 13.1901, 50.5206



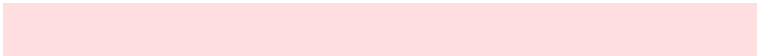
2.7338, 1.3032, 4.9207

Inverse Universe

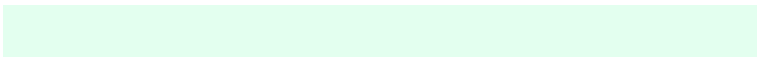
The Inverse Universe completely reimagines the original color for something new.



82.8541, 81.8587, 85.5651



80.8054, 78.8165, 81.6291



82.9716, 94.0643, 95.1892



18.0620, 18.0081, 18.9435



21.6257, 11.1396, 1.4135



2.1231, 1.0916, 0.2295

Previews

White Background



This preview shows how the XYZ color 86.0271, 83.0408, 106.1021 looks on a white background.

Color Contrast Check

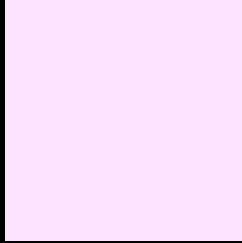
Large Text (above 18pt) WCAG AA × Fail

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 86.0271, 83.0408, 106.1021 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 86.0271, 83.0408, 106.1021

Background



This preview shows how black text looks on a background with the XYZ color 86.0271, 83.0408, 106.1021.

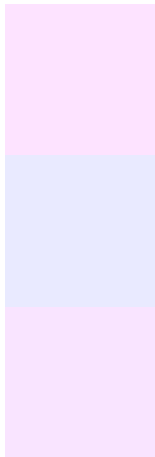


This preview shows how white text looks on a background with the XYZ color 86.0271, 83.0408,

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

86.0271, 83.0408, 106.1021

Protanopia

81.0771, 83.3893, 106.4303

Deuteranopia

84.8603, 82.8465, 106.1261



Tritanopia

84.5228, 82.8361, 98.7229

Trichromacy



Original Color

86.0271, 83.0408, 106.1021

Protanomaly

82.5611, 82.8971, 106.2570

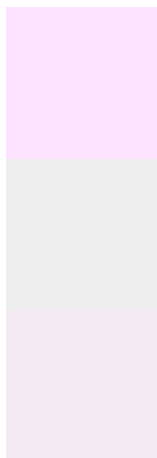
Deuteranomaly

85.2177, 83.0308, 106.1428

Tritanomaly

84.9872, 83.0218, 101.1680

Monochromacy



Original Color

86.0271, 83.0408, 106.1021

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.7141, 84.4320, 97.5255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0271, 83.0408, 106.1021 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, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 227, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.0271, 83.0408, 106.1021 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, 227, 255) }
```


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

```
.border{ border-color:rgb(253, 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(253, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 227,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0271, 83.0408, 106.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 227, 255) }
```

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

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