

# Converting Colors

XYZ(86.5825, 84.6295,  
103.0385)

Have a look what the booklet for  
XYZ(86.5825, 84.6295, 103.0385)  
contains.

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# Color

**XYZ(86.5825, 84.6295,  
103.0385)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEE6FB
RGB	254, 230, 251
RGB Percent	100%, 90%, 98%
CMY	0.0039, 0.0980, 0.0157
CMYK	0.00, 0.09, 0.01, 0.00
HSL	308°, 92%, 95%
HSV	308°, 9%, 100%
XYZ	86.5825, 84.6295, 103.0385
YIQ	239.5700, 7.5630, 11.6190

# Conversions

## Conversions Part 2

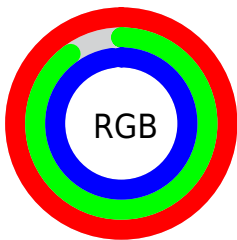
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 230, 251
Decimal	16705275
CIE <sub>Lab</sub>	93.72, 11.75, -7.18
CIE <sub>LCh</sub>	94, 13.768, 328.578
Yxy	84.6295, 0.3157, 0.3086
Android (android.graphics.Color)	4294895355 (0xFFEE6FB)
YUV	239.5700, 5.6350, 12.6551
Hunter-Lab	91.9943, 7.0093, -2.0119

# Details

The XYZ color **86.5825, 84.6295, 103.0385** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.7862, 93.5922, 90.7972**, and the grayscale version is **82.4438, 86.7373, 94.4569**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8996, 46.0375, 57.4005** is the 20% darker color. If you saturate the color by 10%, you get **79.5270, 71.3119, 98.2382**, and if you desaturate by 10%, it is **94.5515, 99.7583, 108.1868**.

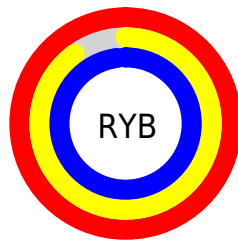
# Distribution



Red (100%)

Green (90%)

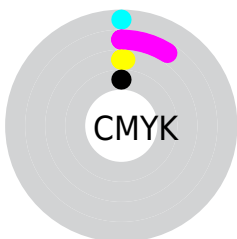
Blue (98%)



Red (100%)

Yellow (90%)

Blue (98%)

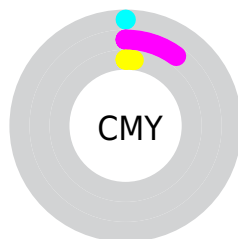


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 86.5825, 84.6295, 103.0385 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 86.5825, 84.6295, 103.0385 by changing the saturation by 10% instead.




 86.5825, 84.6295,  
103.0385

 86.5825, 84.6295,  
103.0385

505.2551,  
510.4013, 591.2207

 65.4766, 63.5353,  
78.2096


141.4847,  
139.8554, 167.4147

 48.1138, 46.2744,  
57.7287


176.0118,  
174.7559, 207.7991

 34.1286, 32.4624,  
41.1773


215.7433,  
215.0273, 254.2057

 23.1558, 21.7149,  
28.1369

261.0447,  
261.0540, 307.0530

 14.8299, 13.6476,  
18.1889

312.2811,  
313.2203, 366.7596

 8.7856, 7.8760,  
10.9149

369.8181,

 4.6576, 4.0157,

371.9107, 433.7441

5.8962

434.0210,  
437.5096, 508.4250

■ 2.0805, 1.6823,  
2.7143

■ 0.6786, 0.4122,  
0.9506

■ 86.5825, 84.6295,  
103.0385

■ 86.5825, 84.6295,  
103.0385

■ 79.5270, 71.3119,  
98.2382

94.5515, 99.7583,  
108.1868

■ 73.4630, 59.9650,  
93.8086

94.6837, 99.8112,  
108.8829

■ 68.3453, 50.4974,  
89.7355

■ 64.1223, 42.8060,  
86.0014

■ 60.7375, 36.7779,  
82.5874

■ 58.1279, 32.2871,  
79.4723

■ 56.2217, 29.1898,  
76.6318

■ 54.9330, 27.3148,  
74.0372

■ 54.1300, 26.3981,  
71.6442

# Harmonies

## Analogous

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



83.8451, 84.6295, 110.9675



86.5825, 84.6295, 103.0385



87.6667, 84.6295, 92.6473

# Triad

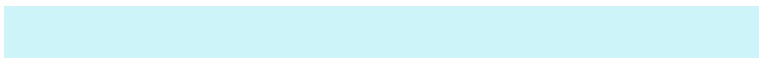
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5825, 84.6295, 103.0385



80.6122, 84.6295, 73.4628



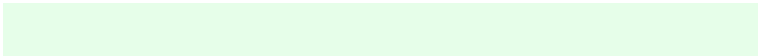
74.4253, 84.6295, 102.1097

# Complementary

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



86.5825, 84.6295, 103.0385



82.7862, 93.5922, 90.7972

# 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.



73.6176, 84.6295, 91.6488



86.5825, 84.6295, 103.0385



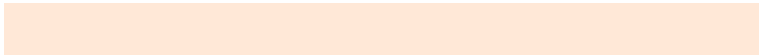
77.1241, 84.6295, 75.5850

# Square

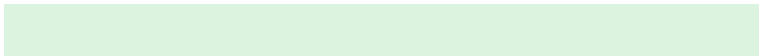
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.5825, 84.6295, 103.0385



84.1559, 84.6295, 76.0233



74.5909, 84.6295, 82.0517



76.8309, 84.6295, 110.4034

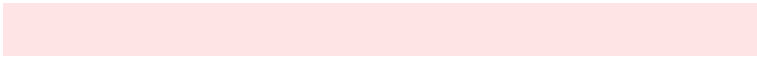


# Rectangle

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



86.5825, 84.6295, 103.0385



87.2819, 84.6295, 85.8850



74.5909, 84.6295, 82.0517



73.9612, 84.6295, 98.7065

# Sweetspot

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



86.5850, 84.6332, 103.0403



92.5043, 95.1543, 107.2936



79.7289, 81.0436, 105.2082



19.6576, 20.0967, 22.8747



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

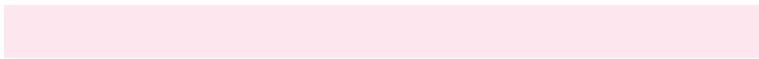
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.5850, 84.6332, 103.0403



86.1858, 83.1670, 103.1850



84.7823, 83.9121, 93.5478



18.6891, 18.2590, 22.2461



28.5551, 13.9113, 37.9031



2.8065, 1.3650, 3.8287



# Inverse Universe

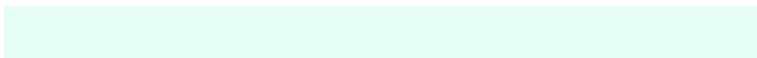
The Inverse Universe completely reimagines the original color for something new.



86.5850, 84.6332, 103.0403



86.1858, 83.1670, 103.1850



84.5288, 94.2893, 99.9734



18.6891, 18.2590, 22.2461



28.5551, 13.9113, 37.9031



2.8065, 1.3650, 3.8287



# Previews

## White Background



This preview shows how the XYZ color 86.5825, 84.6295, 103.0385 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

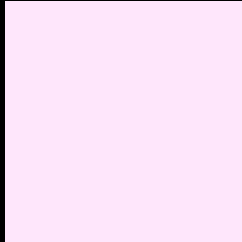
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 86.5825, 84.6295, 103.0385 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

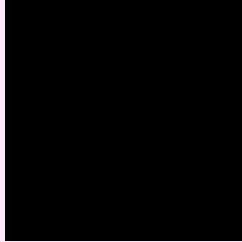
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 86.5825, 84.6295, 103.0385

## Background



This preview shows how black text looks on a background with the XYZ color 86.5825, 84.6295, 103.0385.



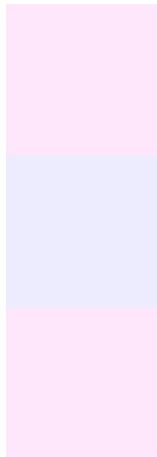
This preview shows how white text looks on a background with the XYZ color 86.5825, 84.6295,



# 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

86.5825, 84.6295, 103.0385

### Protanopia

82.4769, 84.9795, 105.8216

### Deuteranopia

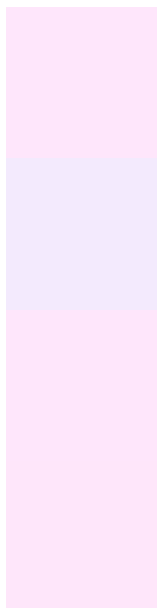
86.5825, 84.6295, 103.0385



## Tritanopia

86.2687, 84.5040, 101.3866

# Trichromacy



## Original Color

86.5825, 84.6295, 103.0385

## Protanomaly

84.1146, 84.9922, 104.9003

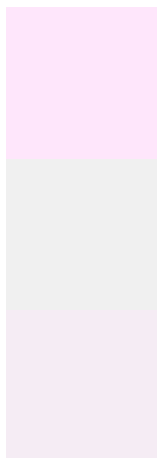
## Deuteranomaly

86.5825, 84.6295, 103.0385

## Tritanomaly

86.4252, 84.5666, 102.2104

# Monochromacy



## Original Color

86.5825, 84.6295, 103.0385

## Achromatopsia

82.8234, 87.1367, 94.8919

## Achromatomaly

83.9808, 85.9350, 97.7488

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 86.5825, 84.6295, 103.0385 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(254, 230, 251)` looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 251)  
}
```

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(254, 230, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 251) }
```

## Border

The CSS property to change the border of an element to XYZ 86.5825, 84.6295, 103.0385 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(254, 230, 251) }
```



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

```
.border{ border-color:rgb(254, 230, 251) }
```

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

Here you see how a box with a 4 pixel rgb(254, 230, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 230, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 230, 251);  
box-shadow:4px 4px 4px 4px rgb(254, 230,  
251) }
```

# Background

The CSS property to change the background color of an element to XYZ 86.5825, 84.6295, 103.0385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 230, 251) }
```

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

```
.background{ background-color: rgb(254,  
230, 251) }
```

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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