

Converting Colors

XYZ(87.2630, 86.6048,
105.8424)

Have a look what the booklet for
XYZ(87.2630, 86.6048, 105.8424)
contains.

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Color

**XYZ(87.0959, 86.5106,
105.8737)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEAFE
RGB	251, 234, 254
RGB Percent	98%, 92%, 100%
CMY	0.0157, 0.0823, 0.0039
CMYK	0.01, 0.08, 0.00, 0.00
HSL	291°, 91%, 96%
HSV	291°, 8%, 100%
XYZ	87.0959, 86.5106, 105.8737
YIQ	241.3630, 3.7120, 9.8240

Conversions

Conversions Part 2

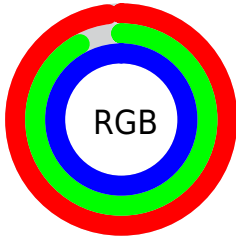
Format	Color
R_{YB}	251, 234, 254
Decimal	16509694
CIE Lab	94.53, 9.23, -7.57
CIE LCh	95, 11.935, 320.628
Yxy	86.5106, 0.3116, 0.3095
Android (android.graphics.Color)	4294699774 (0xFFFBFAFE)
YUV	241.3630, 6.2300, 8.4516
Hunter-Lab	93.0111, 4.3787, -2.3815

Details

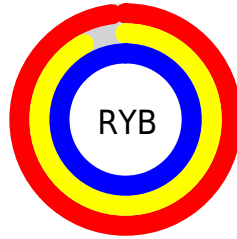
The XYZ color **87.0959, 86.5106, 105.8737** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.2213, 94.8309, 91.6588**, and the grayscale version is **83.8476, 88.2142, 96.0652**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2466, 47.3413, 59.4182** is the 20% darker color. If you saturate the color by 10%, you get **79.0188, 72.3724, 103.5718**, and if you desaturate by 10%, it is **94.8206, 99.9003, 108.0523**.

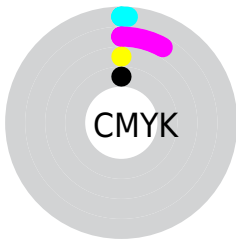
Distribution



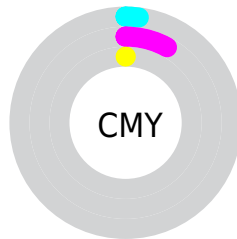
- Red (98%)
- Green (92%)
- Blue (100%)



- Red (98%)
- Yellow (92%)
- Blue (100%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.0959, 86.5106, 105.8737 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 87.0959, 86.5106, 105.8737 by changing the saturation by 10% instead.

87.0959, 86.5106,
105.8737

87.0959, 86.5106,
105.8737

506.9178,
516.6134, 600.2714

65.9029, 65.0903,
80.5708

142.1968,
142.4818, 171.3279

48.4610, 47.5343,
59.6592

176.8353,
177.8015, 212.3162

34.4049, 33.4582,
42.7205

216.6864,
218.5231, 259.3700

23.3692, 22.4777,
29.3361

262.1155,
265.0309, 312.9080

14.9885, 14.2083,
19.0875

313.4878,
317.7095, 373.3485

8.8976, 8.2657,
11.5560

371.1687,

4.7310, 4.2654,

376.9432, 441.1103

6.3233

435.5235,
443.1163, 516.6117

■ 2.1234, 1.8231,
2.9707

■ 0.7019, 0.5015,
1.0797

■ 87.0959, 86.5106,
105.8737

■ 87.0959, 86.5106,
105.8737

■ 79.0188, 72.3724,
103.5718

94.8206, 99.9003,
108.0523

■ 71.9593, 60.2302,
101.6001

94.8896, 99.9359,
108.0556

■ 65.8729, 49.9934,
99.9450

■ 60.7085, 41.5603,
98.5895

■ 56.4103, 34.8197,
97.5149

■ 52.9164, 29.6478,
96.7008

■ 50.1563, 25.9040,
96.1237

■ 48.0469, 23.4223,
95.7558

■ 46.4769, 21.9802,
95.5602

Harmonies

Analogous

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



84.4221, 86.5106, 111.7481



87.0959, 86.5106, 105.8737



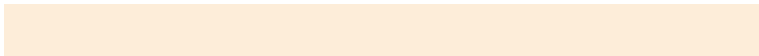
88.4747, 86.5106, 97.1066

Triad

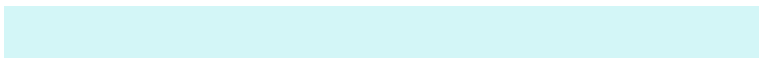
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0959, 86.5106, 105.8737



83.2361, 86.5106, 77.7906



76.5769, 86.5106, 100.5689

Complementary

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



87.0959, 86.5106, 105.8737



85.2213, 94.8309, 91.6588

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.



76.2782, 86.5106, 91.3428



87.0959, 86.5106, 105.8737



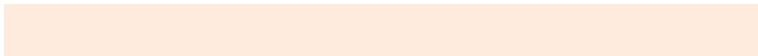
80.0678, 86.5106, 78.5842

Square

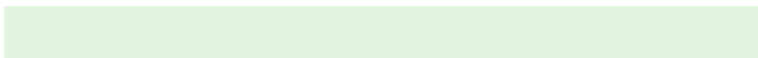
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.0959, 86.5106, 105.8737



86.2083, 86.5106, 81.1659



77.5406, 86.5106, 83.4090



78.3677, 86.5106, 108.5495

Rectangle

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



87.0959, 86.5106, 105.8737



88.4500, 86.5106, 90.9688



77.5406, 86.5106, 83.4090



76.3005, 86.5106, 97.4973

Sweetspot

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



87.0984, 86.5143, 105.8756



93.1636, 96.6443, 108.3517



82.2054, 85.4137, 105.9210



19.9606, 20.7210, 23.1975



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.



87.0984, 86.5143, 105.8756



86.9054, 85.5742, 106.5448



87.1385, 86.6562, 100.4016



18.5092, 18.1542, 22.7785



24.4457, 11.5127, 50.3683



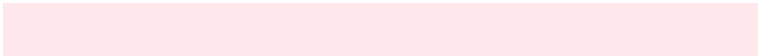
2.4497, 1.1568, 4.9074

Inverse Universe

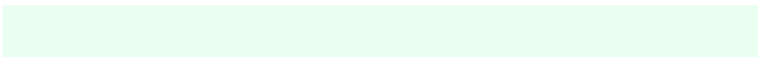
The Inverse Universe completely reimagines the original color for something new.



85.5849, 86.0348, 92.2205



85.1774, 85.0281, 90.8938



85.2039, 94.7092, 96.7516



18.1204, 18.0315, 19.2512



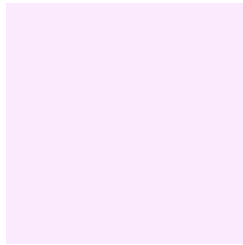
21.7667, 11.1960, 2.1562



2.1505, 1.1026, 0.3741

Previews

White Background



This preview shows how the XYZ color 87.0959, 86.5106, 105.8737 looks on a white background.

Color Contrast Check

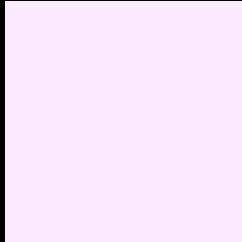
Large Text (above 18pt) WCAG AA × Fail

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 87.0959, 86.5106, 105.8737 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 87.0959, 86.5106, 105.8737

Background



This preview shows how black text looks on a background with the XYZ color 87.0959, 86.5106, 105.8737.



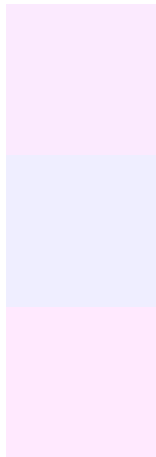
This preview shows how white text looks on a background with the XYZ color 87.0959, 86.5106,

105.8737.

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

87.0959, 86.5106, 105.8737

Protanopia

84.2211, 86.7198, 106.9074

Deuteranopia

88.2683, 86.6936, 105.8472



Tritanopia

86.9361, 86.4467, 105.0324

Trichromacy



Original Color

87.0959, 86.5106, 105.8737

Protanomaly

85.2963, 86.8431, 106.8745

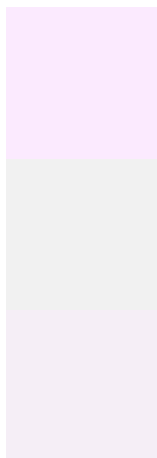
Deuteranomaly

87.9014, 86.5044, 105.8301

Tritanomaly

86.9361, 86.4467, 105.0324

Monochromacy



Original Color

87.0959, 86.5106, 105.8737

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.8653, 87.2154, 99.5501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0959, 86.5106, 105.8737 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, 234, 254)` looks like.

```
.text, #text, p{  
    color:rgb(251, 234, 254)  
}
```

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, 234, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 234, 254) }
```

Border

The CSS property to change the border of an element to XYZ 87.0959, 86.5106, 105.8737 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, 234, 254) }
```


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

```
.border{ border-color:rgb(251, 234, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 234, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 234, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 234, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 234,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 87.0959, 86.5106, 105.8737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 234, 254) }
```

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

```
.background{ background-color: rgb(251,  
234, 254) }
```

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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