

Converting Colors

XYZ(85.8741, 86.3960,
101.7726)

Have a look what the booklet for
XYZ(85.8741, 86.3960, 101.7726)
contains.

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Color

**XYZ(85.8741, 86.3960,
101.7726)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EBF9
RGB	249, 235, 249
RGB Percent	98%, 92%, 98%
CMY	0.0235, 0.0784, 0.0235
CMYK	0.00, 0.06, 0.00, 0.02
HSL	300°, 54%, 95%
HSV	300°, 6%, 98%
XYZ	85.8741, 86.3960, 101.7726
YIQ	240.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

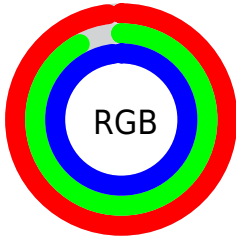
Format	Color
R _Y B	249, 235, 249
Decimal	16378873
CIE Lab	94.48, 7.16, -5.06
CIE LCh	94, 8.765, 324.717
Yxy	86.3960, 0.3134, 0.3153
Android (android.graphics.Color)	4294568953 (0xFF9EBF9)
YUV	240.7820, 4.0515, 7.2072
Hunter-Lab	92.9494, 2.2510, 0.1466

Details

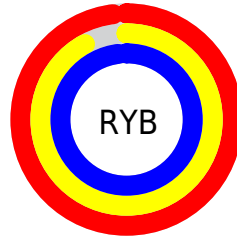
The XYZ color **85.8741, 86.3960, 101.7726** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.1354, 91.4141, 91.8648**, and the grayscale version is **83.4069, 87.7506, 95.5604**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7381, 47.4279, 57.0905** is the 20% darker color. If you saturate the color by 10%, you get **79.2391, 73.1250, 99.5620**, and if you desaturate by 10%, it is **91.9267, 98.4997, 103.7911**.

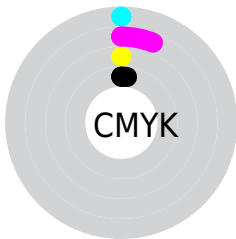
Distribution



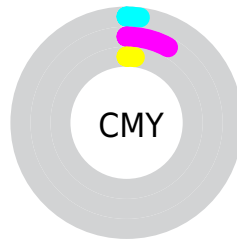
- Red (98%)
- Green (92%)
- Blue (98%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.8741, 86.3960, 101.7726 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 85.8741, 86.3960, 101.7726 by changing the saturation by 10% instead.


 85.8741, 86.3960,
101.7726

 85.8741, 86.3960,
101.7726


502.9562,
516.2361, 587.1561

 64.8888, 64.9955,
77.1566


140.5015,
142.3220, 165.6641

 47.6353, 47.4574,
56.8691


174.8743,
177.6162, 205.7767

 33.7482, 33.3974,
40.4915

214.4404,
218.3105, 251.8919

 22.8622, 22.4311,
27.6053

259.5650,
264.7892, 304.4283

 14.6119, 14.1740,
17.7919

310.6135,
317.4367, 363.8043

 8.6320, 8.2418,
10.6328

367.9513,

 4.5571, 4.2500,

376.6374, 430.4386

5.7094

431.9438,
442.7757, 504.7497

■ 2.0219, 1.8144,
2.6033

■ 0.6462, 0.4961,
0.8942

■ 85.8741, 86.3960,
101.7726

■ 85.8741, 86.3960,
101.7726

■ 79.2391, 73.1250,
99.5620

■ 91.9267, 98.4997,
103.7911

■ 73.5583, 61.7635,
97.6685

■ 91.9268, 98.4998,
103.7911

■ 68.7900, 52.2271,
96.0791

■ 91.9270, 98.4999,
103.7911

■ 64.8867, 44.4206,
94.7780

■ 91.9271, 98.4999,
103.7912

61.7965, 38.2405,
93.7480

91.9272, 98.5000,
103.7912

59.4621, 33.5719,
92.9699

91.9274, 98.5001,
103.7912

57.8186, 30.2852,
92.4221

91.9275, 98.5001,
103.7912

56.7905, 28.2291,
92.0794

91.9276, 98.5002,
103.7912

56.2839, 27.2162,
91.9106

91.9278, 98.5003,
103.7912

Harmonies

Analogous

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



84.0274, 86.3960, 106.3667



85.8741, 86.3960, 101.7726



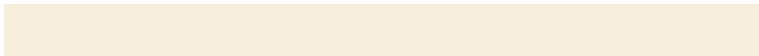
86.7151, 86.3960, 95.2713

Triad

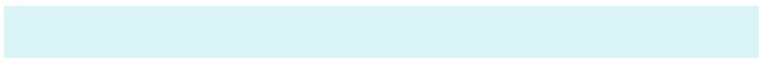
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8741, 86.3960, 101.7726



82.5350, 86.3960, 81.7232



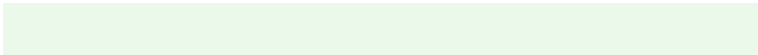
78.0664, 86.3960, 99.6056

Complementary

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



85.8741, 86.3960, 101.7726



83.1354, 91.4141, 91.8648

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.



77.6840, 86.3960, 92.8799



85.8741, 86.3960, 101.7726



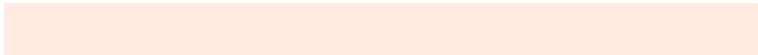
80.2354, 86.3960, 82.7605

Square

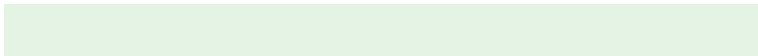
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



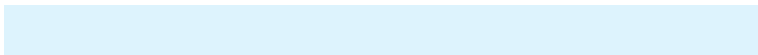
85.8741, 86.3960, 101.7726



84.7639, 86.3960, 83.8632



78.4707, 86.3960, 86.7672



79.5255, 86.3960, 105.0743

Rectangle

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



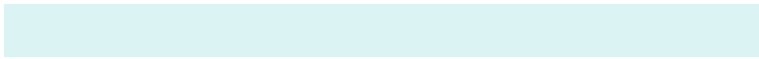
85.8741, 86.3960, 101.7726



86.5809, 86.3960, 90.8100



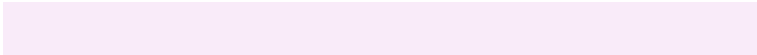
78.4707, 86.3960, 86.7672



77.8089, 86.3960, 97.4083

Sweetspot

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



85.8766, 86.3997, 101.7745



93.4445, 96.7891, 108.3648



81.1389, 84.0566, 101.5719



20.0178, 20.7505, 23.2001



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.



85.8766, 86.3997, 101.7745



89.6175, 89.1352, 107.0892



84.8402, 85.9852, 96.3164



18.2741, 18.0866, 21.9132



30.0640, 14.4412, 49.1764



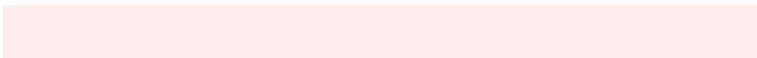
2.7845, 1.3375, 4.5546

Inverse Universe

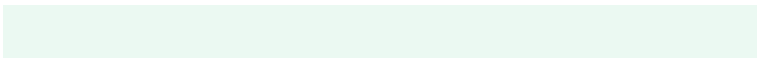
The Inverse Universe completely reimagines the original color for something new.



83.7738, 85.5586, 90.7011



86.8757, 88.0385, 92.6502



84.1317, 91.8126, 97.1112



17.6675, 17.8439, 18.7189



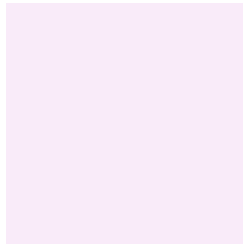
20.9119, 10.7805, 0.9787



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 85.8741, 86.3960, 101.7726 looks on a white background.

Color Contrast Check

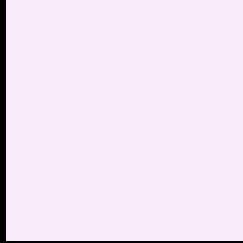
Large Text (above 18pt) WCAG AA × Fail

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 85.8741, 86.3960, 101.7726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

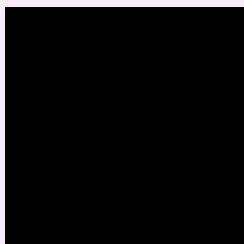
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.8741, 86.3960, 101.7726

Background



This preview shows how black text looks on a background with the XYZ color 85.8741, 86.3960, 101.7726.



This preview shows how white text looks on a background with the XYZ color 85.8741, 86.3960,

101.7726.

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

85.8741, 86.3960, 101.7726

Protanopia

83.9223, 86.6394, 103.5667

Deuteranopia

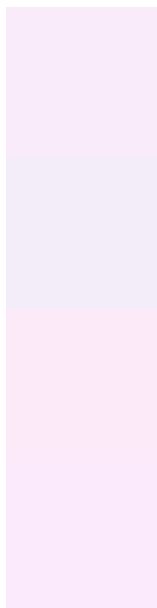
87.3222, 86.3151, 100.8650



Tritanopia

86.5768, 86.2615, 105.0155

Trichromacy



Original Color

85.8741, 86.3960, 101.7726

Protanomaly

84.5017, 86.5252, 102.6898

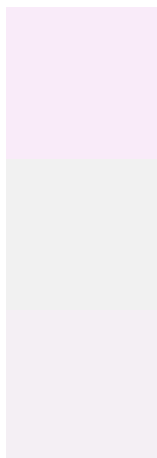
Deuteranomaly

86.8741, 86.5056, 100.9254

Tritanomaly

86.4178, 86.1979, 104.1786

Monochromacy



Original Color

85.8741, 86.3960, 101.7726

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.5039, 87.4978, 98.0229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8741, 86.3960, 101.7726 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(249, 235, 249)` looks like.

```
.text, #text, p{  
    color:rgb(249, 235, 249)  
}
```

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(249, 235, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 235, 249) }
```

Border

The CSS property to change the border of an element to XYZ 85.8741, 86.3960, 101.7726 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(249, 235, 249) }
```


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

```
.border{ border-color:rgb(249, 235, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 235, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 235, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 235, 249); box-shadow:4px 4px 4px 4px rgb(249, 235, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8741, 86.3960, 101.7726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 235, 249) }
```

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

```
.background{ background-color: rgb(249,  
235, 249) }
```

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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