

Converting Colors

XYZ(85.9860, 86.8516,
102.1237)

Have a look what the booklet for
XYZ(85.9860, 86.8516, 102.1237)
contains.

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Color

**XYZ(85.8057, 86.7869,
101.8516)**

Conversions

Conversions Part 1

Format	Color
Hex	F8ECF9
RGB	248, 236, 249
RGB Percent	97%, 93%, 98%
CMY	0.0274, 0.0745, 0.0235
CMYK	0.00, 0.05, 0.00, 0.02
HSL	295°, 52%, 95%
HSV	295°, 5%, 98%
XYZ	85.8057, 86.7869, 101.8516
YIQ	241.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

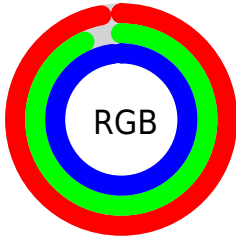
Format	Color
R _Y B	248, 236, 249
Decimal	16313593
CIE Lab	94.65, 6.31, -4.83
CIE LCh	95, 7.944, 322.585
Yxy	86.7869, 0.3127, 0.3162
Android (android.graphics.Color)	4294503673 (0xFF8ECF9)
YUV	241.0700, 3.9095, 6.0776
Hunter-Lab	93.1595, 1.3805, 0.3897

Details

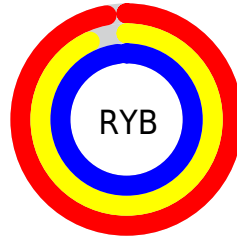
The XYZ color **85.8057, 86.7869, 101.8516** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9443, 91.8143, 92.6589**, and the grayscale version is **83.6349, 87.9904, 95.8216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6851, 47.6992, 57.1457** is the 20% darker color. If you saturate the color by 10%, you get **78.4557, 73.0890, 99.5963**, and if you desaturate by 10%, it is **92.2539, 98.6684, 103.8064**.

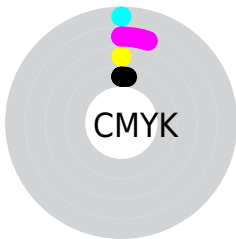
Distribution



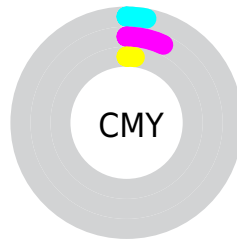
- Red (97%)
- Green (93%)
- Blue (98%)



- Red (97%)
- Yellow (93%)
- Blue (98%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.8057, 86.7869, 101.8516 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 85.8057, 86.7869, 101.8516 by changing the saturation by 10% instead.


 85.8057, 86.7869,
101.8516

 85.8057, 86.7869,
101.8516


502.7339,
517.5224, 587.4102

 64.8320, 65.3189,
77.2223


140.4065,
142.8671, 165.7734

 47.5891, 47.7197,
56.9227


174.7644,
178.2480, 205.9030

 33.7115, 33.6050,
40.5342


214.3145,
219.0354, 252.0364

 22.8339, 22.5903,
27.6384

259.4220,
265.6136, 304.5922

 14.5909, 14.2913,
17.8166

310.4523,
318.3670, 363.9890

 8.6172, 8.3235,
10.6503

367.7708,

 4.5475, 4.3027,

377.6800, 430.6452

5.7210

431.7429,
443.9370, 504.9794

■ 2.0163, 1.8443,
2.6102

■ 0.6431, 0.5145,
0.8977

■ 85.8057, 86.7869,
101.8516

■ 85.8057, 86.7869,
101.8516

■ 78.4557, 73.0890,
99.5963

■ 92.2539, 98.6684,
103.8064

■ 72.0685, 61.3076,
97.6589

■ 92.9437, 99.0240,
103.8387

■ 66.6025, 51.3584,
96.0266

■ 93.6406, 99.3833,
103.8713

■ 62.0104, 43.1467,
94.6836

■ 94.0991, 99.6196,
103.8928

■ 58.2405, 36.5693,
93.6128

■ 55.2356, 31.5118,
92.7949

■ 52.9314, 27.8453,
92.2087

■ 51.2525, 25.4194,
91.8289

■ 50.1063, 24.0489,
91.6248

Harmonies

Analogous

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



84.0815, 86.7869, 105.8201



85.8057, 86.7869, 101.8516



86.6437, 86.7869, 96.0278

Triad

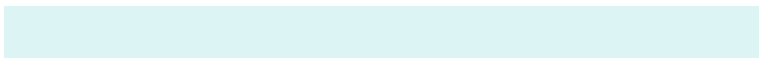
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8057, 86.7869, 101.8516



83.0214, 86.7869, 83.2668



78.7408, 86.7869, 99.1028

Complementary

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



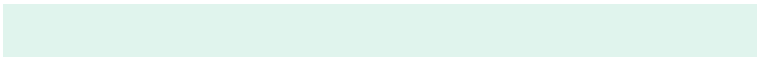
85.8057, 86.7869, 101.8516



83.9443, 91.8143, 92.6589

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.



78.4680, 86.7869, 92.9809



85.8057, 86.7869, 101.8516



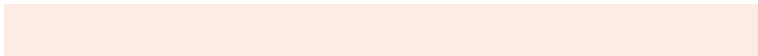
80.9154, 86.7869, 84.0103

Square

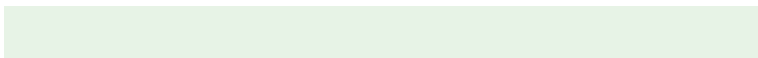
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8057, 86.7869, 101.8516



85.0182, 86.7869, 85.4268



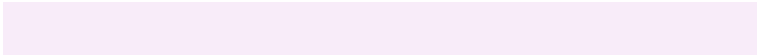
79.2576, 86.7869, 87.5037



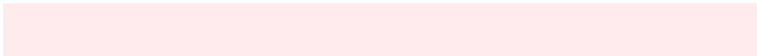
80.0092, 86.7869, 104.1858

Rectangle

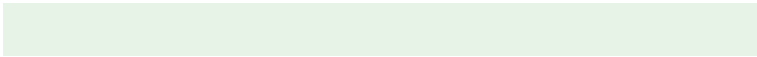
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



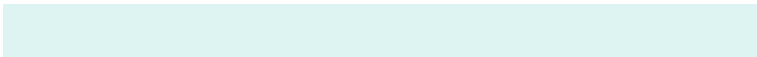
85.8057, 86.7869, 101.8516



86.5770, 86.7869, 91.9473



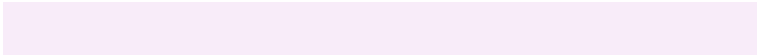
79.2576, 86.7869, 87.5037



78.5305, 86.7869, 97.0917

Sweetspot

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



85.8082, 86.7906, 101.8535



93.3003, 96.7147, 108.3581



82.0030, 85.2933, 101.7650



19.9884, 20.7353, 23.1988



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.



85.8082, 86.7906, 101.8535



89.9300, 90.4011, 107.3171



85.3310, 86.6408, 97.4852



18.3196, 18.3229, 21.9564



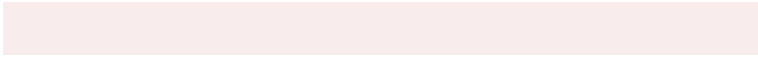
26.6485, 12.6805, 49.0166



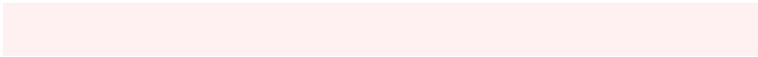
2.5062, 1.1940, 4.5416

Inverse Universe

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



84.3515, 86.2490, 92.3271



88.1707, 89.7472, 95.7989



84.4103, 91.9622, 96.8505



17.9227, 18.1754, 19.3552



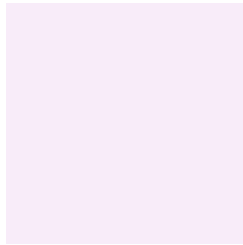
20.9948, 10.8136, 1.4149



1.9626, 1.0088, 0.2265

Previews

White Background



This preview shows how the XYZ color 85.8057, 86.7869, 101.8516 looks on a white background.

Color Contrast Check

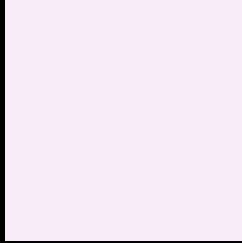
Large Text (above 18pt) WCAG AA × Fail

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 85.8057, 86.7869, 101.8516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

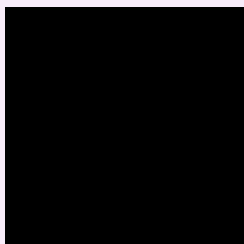
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.8057, 86.7869, 101.8516

Background



This preview shows how black text looks on a background with the XYZ color 85.8057, 86.7869, 101.8516.



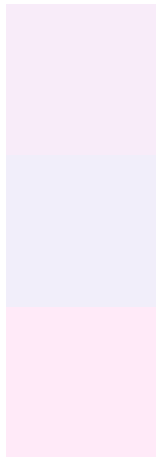
This preview shows how white text looks on a background with the XYZ color 85.8057, 86.7869,

101.8516.

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

85.8057, 86.7869, 101.8516

Protanopia

84.1055, 86.7520, 102.7545

Deuteranopia

87.6061, 86.8829, 100.9597



Tritanopia

86.6646, 86.7122, 105.9353

Trichromacy



Original Color

85.8057, 86.7869, 101.8516

Protanomaly

84.8477, 86.7036, 102.7060

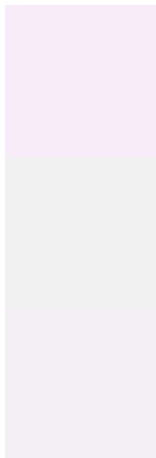
Deuteranomaly

86.7965, 86.8894, 101.0036

Tritanomaly

86.3459, 86.5847, 104.2571

Monochromacy



Original Color

85.8057, 86.7869, 101.8516

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 85.8057, 86.7869, 101.8516 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(248, 236, 249) looks like.

```
.text, #text, p{  
    color:rgb(248, 236, 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(248, 236, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 236, 249) }
```

Border

The CSS property to change the border of an element to XYZ 85.8057, 86.7869, 101.8516 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(248, 236, 249) }
```


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

```
.border{ border-color:rgb(248, 236, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 236, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 236, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 236, 249);  
box-shadow:4px 4px 4px 4px rgb(248, 236,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8057, 86.7869, 101.8516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 236, 249) }
```

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

```
.background{ background-color: rgb(248,  
236, 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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