

Converting Colors

XYZ(86.1435, 87.3021,
101.1451)

Have a look what the booklet for
XYZ(86.1435, 87.3021, 101.1451)
contains.

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Color

**XYZ(86.2944, 87.4854,
101.1451)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EDF8
RGB	249, 237, 248
RGB Percent	98%, 93%, 97%
CMY	0.0235, 0.0706, 0.0274
CMYK	0.00, 0.05, 0.00, 0.02
HSL	305°, 50%, 95%
HSV	305°, 5%, 98%
XYZ	86.2944, 87.4854, 101.1451
YIQ	241.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

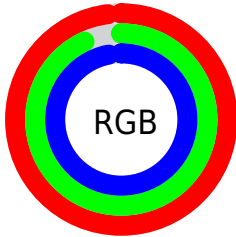
Format	Color
R _Y B	249, 237, 248
Decimal	16379384
CIE Lab	94.94, 5.95, -3.86
CIE LCh	95, 7.093, 327.004
Yxy	87.4854, 0.3139, 0.3182
Android (android.graphics.Color)	4294569464 (0xFFF9EDF8)
YUV	241.8420, 3.0359, 6.2776
Hunter-Lab	93.5336, 1.0008, 1.3587

Details

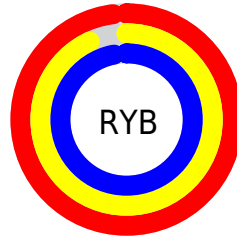
The XYZ color **86.2944, 87.4854, 101.1451** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.2367, 91.9313, 94.1982**, and the grayscale version is **84.2501, 88.6376, 96.5264**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0306, 48.1910, 56.6395** is the 20% darker color. If you saturate the color by 10%, you get **79.2606, 73.9291, 97.2212**, and if you desaturate by 10%, it is **92.0950, 98.5670, 104.6777**.

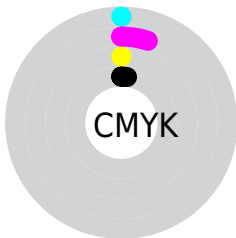
Distribution



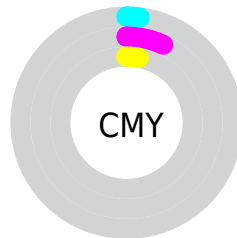
- Red (98%)
- Green (93%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.2944, 87.4854, 101.1451 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 86.2944, 87.4854, 101.1451 by changing the saturation by 10% instead.

86.2944, 87.4854,
101.1451

86.2944, 87.4854,
101.1451

504.3208,
519.8166, 585.1358

65.2375, 65.8970,
76.6350

141.0850,
143.8405, 164.7955

47.9191, 48.1888,
56.4436

175.5494,
179.3760, 204.7729

33.9738, 33.9764,
40.1523

215.2136,
220.3293, 250.7431

23.0363, 22.8755,
27.3426

260.4432,
267.0847, 303.1247

14.7411, 14.5016,
17.5960

311.6033,
320.0268, 362.3362

8.7230, 8.4703,
10.4939

369.0594,

4.6166, 4.3974,

379.5399, 428.7962

5.6178

433.1768,
446.0083, 502.9232

■ 2.0566, 1.8982,
2.5491

■ 0.6654, 0.5473,
0.8660

■ 86.2944, 87.4854,
101.1451

■ 86.2944, 87.4854,
101.1451

■ 79.2606, 73.9291,
97.2212

■ 92.0950, 98.5670,
104.6777

■ 73.1878, 62.2905,
93.6342

■ 92.4226, 98.6981,
106.4025

■ 68.0347, 52.4856,
90.3713

■ 92.7537, 98.8305,
108.1462

■ 63.7542, 44.4201,
87.4166

■ 92.8775, 98.8801,
108.7983

■ 60.2947, 37.9910,
84.7531

■ 57.5993, 33.0845,
82.3616

■ 55.6040, 29.5725,
80.2207

■ 54.2339, 27.3056,
78.3055

■ 53.3976, 26.1004,
76.5854

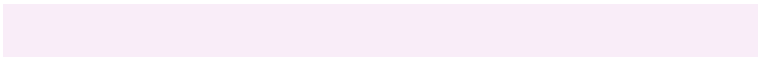
Harmonies

Analogous

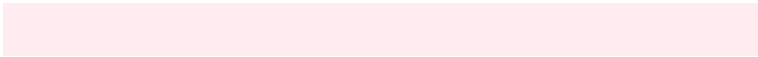
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8437, 87.4854, 105.0139



86.2944, 87.4854, 101.1451



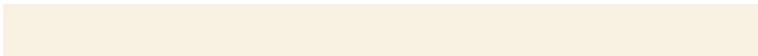
86.9024, 87.4854, 95.8117

Triad

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



86.2944, 87.4854, 101.1451



83.3458, 87.4854, 85.0612



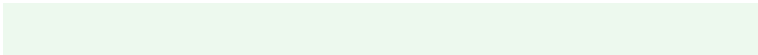
79.8988, 87.4854, 100.1498

Complementary

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



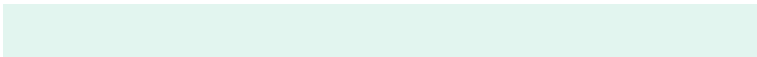
86.2944, 87.4854, 101.1451



84.2367, 91.9313, 94.1982

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.



79.5116, 87.4854, 94.7039



86.2944, 87.4854, 101.1451



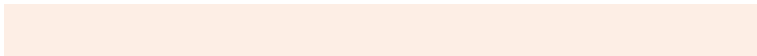
81.4835, 87.4854, 86.1234

Square

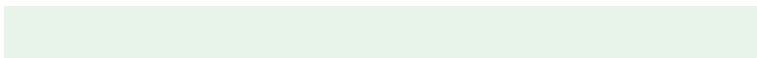
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



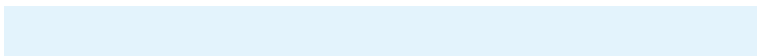
86.2944, 87.4854, 101.1451



85.1837, 87.4854, 86.6424



80.0873, 87.4854, 89.6014



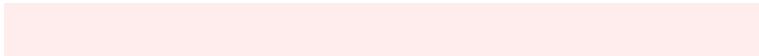
81.1534, 87.4854, 104.4239

Rectangle

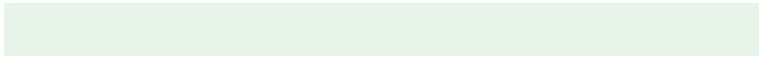
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.2944, 87.4854, 101.1451



86.7411, 87.4854, 92.1913



80.0873, 87.4854, 89.6014



79.6637, 87.4854, 98.3894

Sweetspot

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



86.2969, 87.4892, 101.1470



94.2077, 98.3701, 108.4505



82.6467, 85.5895, 101.7884



20.1732, 21.0724, 23.2176



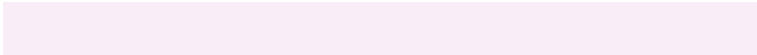
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



86.2969, 87.4892, 101.1470



90.1571, 90.5418, 106.2592



85.3810, 87.1228, 96.3239



18.3711, 18.3548, 21.7166



28.4516, 13.7964, 40.6823



2.6530, 1.2849, 3.8621

Inverse Universe

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



86.2969, 87.4892, 101.1470



90.1571, 90.5418, 106.2592



85.1328, 92.2898, 98.9174



18.3711, 18.3548, 21.7166



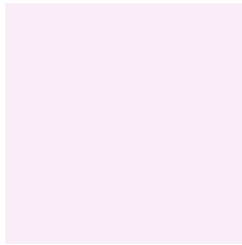
28.4516, 13.7964, 40.6823



2.6530, 1.2849, 3.8621

Previews

White Background



This preview shows how the XYZ color 86.2944, 87.4854, 101.1451 looks on a white background.

Color Contrast Check

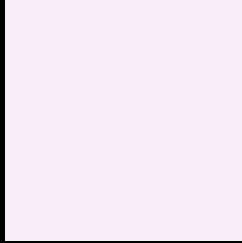
Large Text (above 18pt) WCAG AA × Fail

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 86.2944, 87.4854, 101.1451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

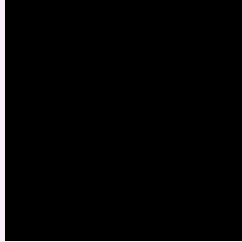
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.2944, 87.4854, 101.1451

Background



This preview shows how black text looks on a background with the XYZ color 86.2944, 87.4854, 101.1451.



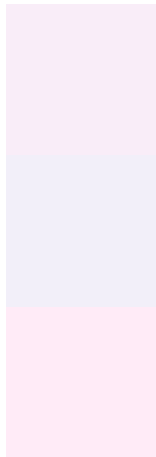
This preview shows how white text looks on a background with the XYZ color 86.2944, 87.4854,

101.1451.

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

86.2944, 87.4854, 101.1451

Protanopia

84.5833, 87.4498, 102.0440

Deuteranopia

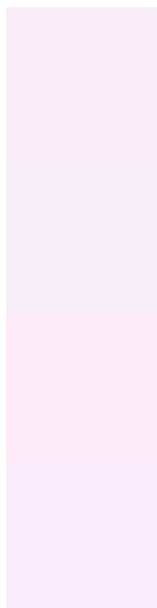
87.7368, 87.3921, 100.2398



Tritanopia

87.4698, 87.5349, 106.8935

Trichromacy



Original Color

86.2944, 87.4854, 101.1451

Protanomaly

85.3296, 87.4011, 101.9953

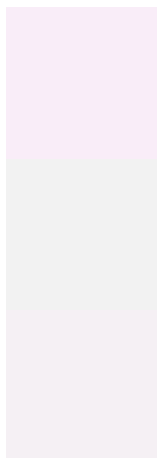
Deuteranomaly

87.2920, 87.5890, 100.3013

Tritanomaly

86.9905, 87.3432, 104.3695

Monochromacy



Original Color

86.2944, 87.4854, 101.1451

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.1454, 88.2643, 98.1370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2944, 87.4854, 101.1451 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, 237, 248)` looks like.

```
.text, #text, p{  
    color:rgb(249, 237, 248)  
}
```

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, 237, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 237, 248) }
```

Border

The CSS property to change the border of an element to XYZ 86.2944, 87.4854, 101.1451 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, 237, 248) }
```


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

```
.border{ border-color:rgb(249, 237, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 237, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 237, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 237, 248);  
box-shadow:4px 4px 4px 4px rgb(249, 237,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2944, 87.4854, 101.1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 237, 248) }
```

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

```
.background{ background-color: rgb(249,  
237, 248) }
```

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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