

Converting Colors

XYZ(86.6142, 88.6716,
100.8484)

Have a look what the booklet for
XYZ(86.6142, 88.6716, 100.8484)
contains.

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Color

**XYZ(86.3664, 88.4049,
100.5075)**

Conversions

Conversions Part 1

Format	Color
Hex	F8EFF7
RGB	248, 239, 247
RGB Percent	97%, 94%, 97%
CMY	0.0274, 0.0627, 0.0314
CMYK	0.00, 0.04, 0.00, 0.03
HSL	307°, 39%, 95%
HSV	307°, 4%, 97%
XYZ	86.3664, 88.4049, 100.5075
YIQ	242.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

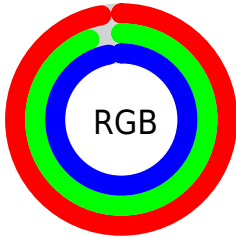
Format	Color
R_{YB}	248, 239, 247
Decimal	16314359
CIE _{Lab}	95.33, 4.41, -2.78
CIE _{LCh}	95, 5.219, 327.759
Y _{xy}	88.4049, 0.3137, 0.3211
Android (android.graphics.Color)	4294504439 (0xFF8EFF7)
YUV	242.6030, 2.1677, 4.7332
Hunter-Lab	94.0239, -0.5792, 2.4382

Details

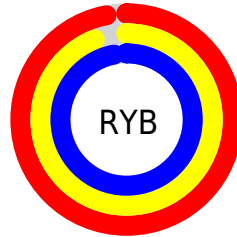
The XYZ color **86.3664, 88.4049, 100.5075** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8955, 91.7791, 95.6833**, and the grayscale version is **84.8600, 89.2793, 97.2251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0757, 48.8350, 56.1825** is the 20% darker color. If you saturate the color by 10%, you get **79.1770, 74.7006, 96.0285**, and if you desaturate by 10%, it is **91.6894, 98.3637, 104.3975**.

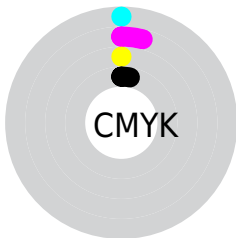
Distribution



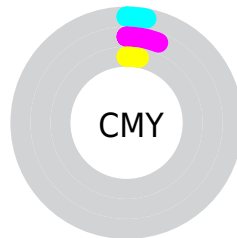
- Red (97%)
- Green (94%)
- Blue (97%)



- Red (97%)
- Yellow (94%)
- Blue (97%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)




- Cyan (3%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.3664, 88.4049, 100.5075 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 86.3664, 88.4049, 100.5075 by changing the saturation by 10% instead.

 86.3664, 88.4049,
100.5075

 86.3664, 88.4049,
100.5075


504.5544,
522.8283, 583.0791

 65.2973, 66.6584,
76.1052


141.1849,
145.1207, 163.9124

 47.9678, 48.8071,
56.0116


175.6649,
180.8589, 203.7520

 34.0125, 34.4665,
39.8082

215.3461,
222.0298, 249.5746

 23.0661, 23.2522,
27.0764

260.5935,
269.0177, 301.7985

 14.7633, 14.7798,
17.3976

311.7728,
322.2071, 360.8424

 8.7387, 8.6650,
10.3535

369.2491,

 4.6269, 4.5233,

381.9825, 427.1248

5.5253

433.3878,
448.7280, 501.0641

■ 2.0625, 1.9704,
2.4946

■ 0.6687, 0.5902,
0.8373

■ 86.3664, 88.4049,
100.5075

■ 86.3664, 88.4049,
100.5075

■ 79.1770, 74.7006,
96.0285

■ 91.6894, 98.3637,
104.3975

■ 72.9471, 62.9068,
91.8992

■ 92.1244, 98.5377,
106.6883

■ 67.6363, 52.9410,
88.1070

■ 92.5219, 98.6967,
108.7817

■ 63.1982, 44.7107,
84.6364

■ 59.5823, 38.1150,
81.4704

■ 56.7331, 33.0428,
78.5902

■ 54.5881, 29.3690,
75.9750

■ 53.0747, 26.9488,
73.6005

■ 52.1047, 25.6057,
71.4371

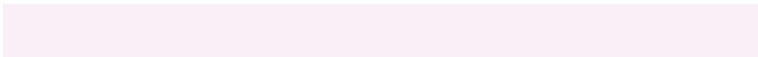
Harmonies

Analogous

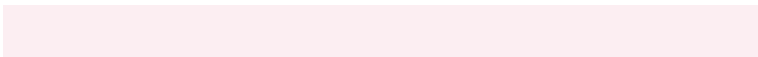
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3096, 88.4049, 103.3742



86.3664, 88.4049, 100.5075



86.7955, 88.4049, 96.5652

Triad

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



86.3664, 88.4049, 100.5075



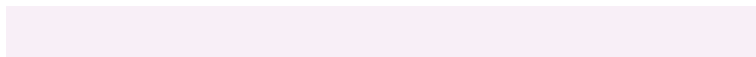
84.1334, 88.4049, 88.6237



81.6235, 88.4049, 99.9613

Complementary

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



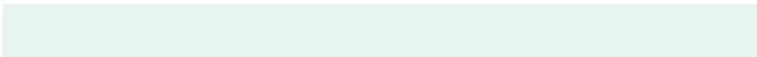
86.3664, 88.4049, 100.5075



84.8955, 91.7791, 95.6833

Split Complementary

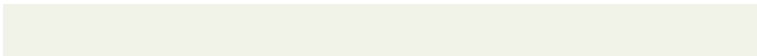
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3165, 88.4049, 95.9513



86.3664, 88.4049, 100.5075



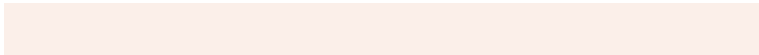
82.7558, 88.4049, 89.4759

Square

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



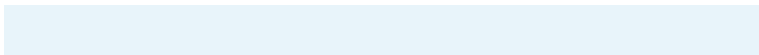
86.3664, 88.4049, 100.5075



85.4972, 88.4049, 89.7686



81.7287, 88.4049, 92.1298



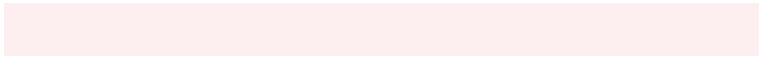
82.5722, 88.4049, 103.0527

Rectangle

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



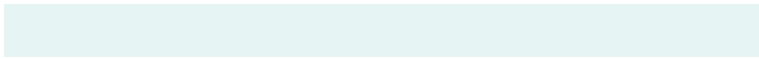
86.3664, 88.4049, 100.5075



86.6642, 88.4049, 93.8829



81.7287, 88.4049, 92.1298



81.4423, 88.4049, 98.6727

Sweetspot

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



86.3689, 88.4087, 100.5094



94.1963, 98.3655, 108.3904



83.7149, 87.0226, 101.1930



20.1709, 21.0715, 23.2054



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.



86.3689, 88.4087, 100.5094



91.6999, 93.5910, 106.8854



85.6981, 88.1404, 96.9770



18.6659, 18.9409, 21.8258



27.9541, 13.5974, 38.0622



2.6120, 1.2685, 3.6463

Inverse Universe

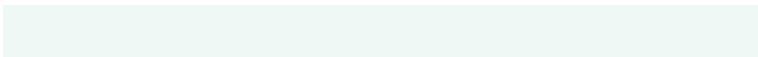
The Inverse Universe completely reimagines the original color for something new.



86.3689, 88.4087, 100.5094



91.6999, 93.5910, 106.8854



85.5569, 92.0437, 99.1662



18.6659, 18.9409, 21.8258



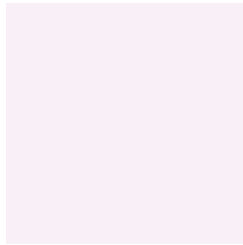
27.9541, 13.5974, 38.0622



2.6120, 1.2685, 3.6463

Previews

White Background



This preview shows how the XYZ color 86.3664, 88.4049, 100.5075 looks on a white background.

Color Contrast Check

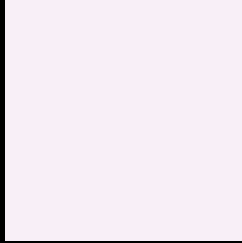
Large Text (above 18pt) WCAG AA × Fail

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 86.3664, 88.4049, 100.5075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

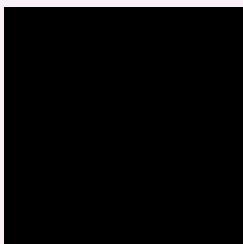
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.3664, 88.4049, 100.5075

Background



This preview shows how black text looks on a background with the XYZ color 86.3664, 88.4049, 100.5075.



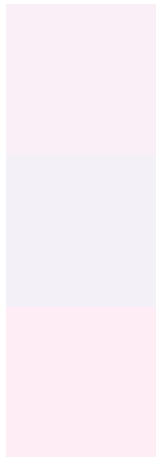
This preview shows how white text looks on a background with the XYZ color 86.3664, 88.4049,

100.5075.

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

86.3664, 88.4049, 100.5075

Protanopia

85.4116, 88.3306, 101.3548

Deuteranopia

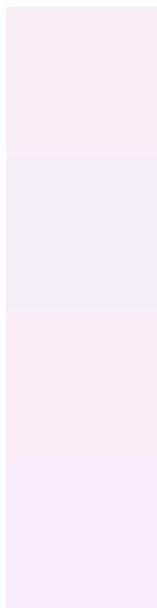
88.1587, 88.4822, 99.6211



Tritanopia

87.6915, 88.5088, 107.0698

Trichromacy



Original Color

86.3664, 88.4049, 100.5075

Protanomaly

85.7596, 88.5100, 101.3711

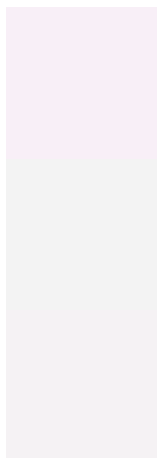
Deuteranomaly

87.3540, 88.4983, 99.6666

Tritanomaly

87.2121, 88.3171, 104.5458

Monochromacy



Original Color

86.3664, 88.4049, 100.5075

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.7375, 89.4484, 98.3344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3664, 88.4049, 100.5075 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, 239, 247) looks like.

```
.text, #text, p{  
    color:rgb(248, 239, 247)  
}
```

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, 239, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 239, 247) }
```

Border

The CSS property to change the border of an element to XYZ 86.3664, 88.4049, 100.5075 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, 239, 247) }
```


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

```
.border{ border-color:rgb(248, 239, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 239, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 239, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 239, 247);  
box-shadow:4px 4px 4px 4px rgb(248, 239,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3664, 88.4049, 100.5075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 239, 247) }
```

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

```
.background{ background-color: rgb(248,  
239, 247) }
```

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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