

Converting Colors

XYZ(84.8375, 86.7096,
100.5233)

Have a look what the booklet for
XYZ(84.8375, 86.7096, 100.5233)
contains.

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Color

**XYZ(84.7289, 86.6963,
100.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EDF7
RGB	245, 237, 247
RGB Percent	96%, 93%, 97%
CMY	0.0392, 0.0706, 0.0314
CMYK	0.01, 0.04, 0.00, 0.03
HSL	288°, 38%, 95%
HSV	288°, 4%, 97%
XYZ	84.7289, 86.6963, 100.2640
YIQ	240.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

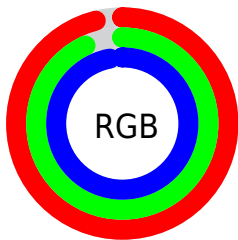
Format	Color
R _Y B	245, 237, 247
Decimal	16117239
CIE Lab	94.61, 4.45, -3.87
CIE LCh	95, 5.895, 318.949
Yxy	86.6963, 0.3119, 0.3191
Android (android.graphics.Color)	4294307319 (0xFFFF5EDF7)
YUV	240.5320, 3.1887, 3.9184
Hunter-Lab	93.1108, -0.5128, 1.3327

Details

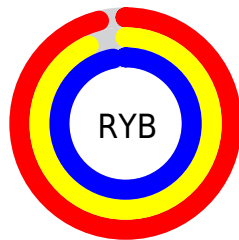
The XYZ color **84.7289, 86.6963, 100.2640** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.1467, 90.9889, 93.2528**, and the grayscale version is **83.2185, 87.5523, 95.3445**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9141, 47.6282, 56.0107** is the 20% darker color. If you saturate the color by 10%, you get **76.3642, 72.4912, 97.9643**, and if you desaturate by 10%, it is **91.9528, 98.5490, 102.1724**.

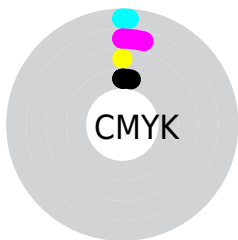
Distribution



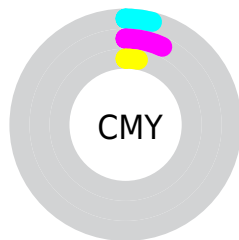
- Red (96%)
- Green (93%)
- Blue (97%)



- Red (96%)
- Yellow (93%)
- Blue (97%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.7289, 86.6963, 100.2640 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 84.7289, 86.6963, 100.2640 by changing the saturation by 10% instead.

84.7289, 86.6963,
100.2640

84.7289, 86.6963,
100.2640

499.2278,
517.2244, 582.2927

63.9391, 65.2439,
75.9029

138.9103,
142.7408, 163.5750

46.8629, 47.6589,
55.8467

173.0327,
178.1016, 203.3619

33.1348, 33.5568,
39.6769

212.3300,
218.8674, 249.1280

22.3894, 22.5534,
26.9748

257.1676,
265.4226, 301.2916

14.2615, 14.2641,
17.3221

307.9108,
318.1514, 360.2713

8.3857, 8.3046,
10.3000

364.9250,

4.3966, 4.2904,

377.4384, 426.4857

5.4901

428.5755,
443.6680, 500.3533

■ 1.9289, 1.8373,
2.4739

■ 0.5935, 0.5103,
0.8263

■ 84.7289, 86.6963,
100.2640

■ 84.7289, 86.6963,
100.2640

■ 76.3642, 72.4912,
97.9643

■ 91.9528, 98.5490,
102.1724

■ 68.9878, 60.1959,
95.9799

■ 93.7465, 99.4737,
102.2563

■ 62.5589, 49.7285,
94.2983

■ 93.7887, 99.4955,
102.2583

■ 57.0312, 40.9967,
92.9042

■ 52.3543, 33.9001,
91.7809

■ 48.4724, 28.3281,
90.9100

■ 45.3230, 24.1559,
90.2707

■ 42.8336, 21.2389,
89.8389

■ 40.9155, 19.4007,
89.5852

Harmonies

Analogous

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



83.3988, 86.6963, 102.9215



84.7289, 86.6963, 100.2640



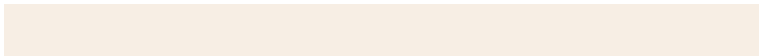
85.4388, 86.6963, 96.0854

Triad

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



84.7289, 86.6963, 100.2640



82.9895, 86.6963, 86.0639



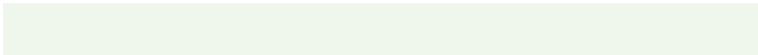
79.5449, 86.6963, 97.2689

Complementary

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



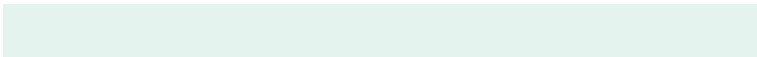
84.7289, 86.6963, 100.2640



84.1467, 90.9889, 93.2528

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.



79.4385, 86.6963, 92.7295



84.7289, 86.6963, 100.2640



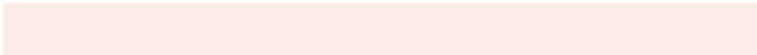
81.4136, 86.6963, 86.3577

Square

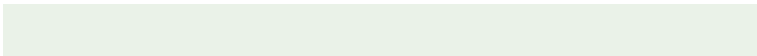
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.7289, 86.6963, 100.2640



84.4260, 86.6963, 87.9486



80.1186, 86.6963, 88.7645



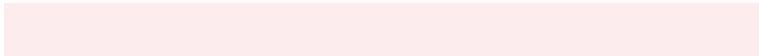
80.4111, 86.6963, 101.1543

Rectangle

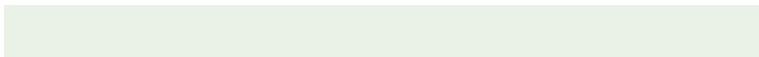
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.7289, 86.6963, 100.2640



85.4587, 86.6963, 93.0423



80.1186, 86.6963, 88.7645



79.4195, 86.6963, 95.7659

Sweetspot

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



84.7314, 86.7000, 100.2659



94.0544, 98.2872, 108.6219



82.6325, 86.5545, 100.3484



20.1420, 21.0556, 23.2525



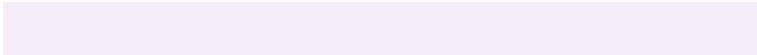
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

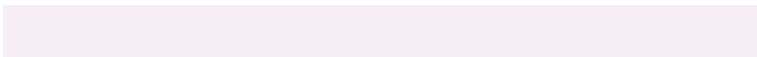
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.7314, 86.7000, 100.2659



90.1843, 91.6526, 107.5452



84.9991, 86.8881, 98.0140



17.5503, 17.7493, 21.0435



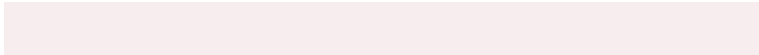
21.2563, 9.9323, 47.3348



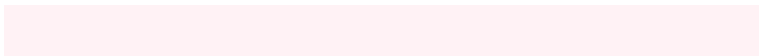
1.9488, 0.9145, 4.1640

Inverse Universe

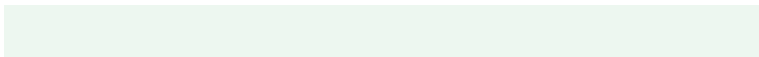
The Inverse Universe completely reimagines the original color for something new.



84.2250, 86.5785, 93.9379



89.5176, 91.4936, 99.1689



83.8923, 90.8096, 95.4183



17.4030, 17.7143, 19.1856



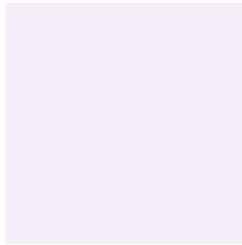
20.6239, 10.5930, 2.7280



1.8477, 0.9450, 0.4244

Previews

White Background



This preview shows how the XYZ color 84.7289, 86.6963, 100.2640 looks on a white background.

Color Contrast Check

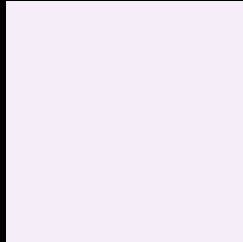
Large Text (above 18pt) WCAG AA × Fail

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 84.7289, 86.6963, 100.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

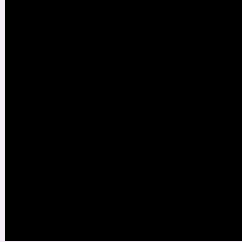
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

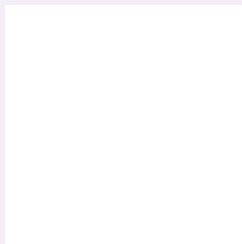
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.7289, 86.6963, 100.2640

Background



This preview shows how black text looks on a background with the XYZ color 84.7289, 86.6963, 100.2640.



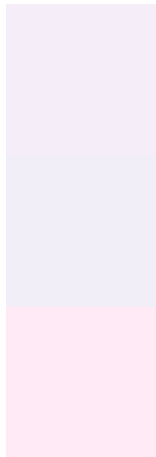
This preview shows how white text looks on a background with the XYZ color 84.7289, 86.6963,

100.2640.

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

84.7289, 86.6963, 100.2640

Protanopia

83.7934, 86.6272, 101.1113

Deuteranopia

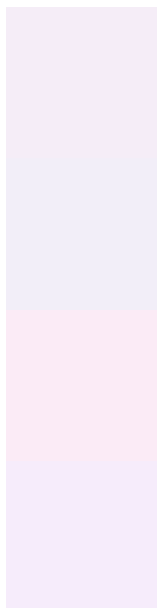
87.2974, 86.7595, 99.3340



Tritanopia

85.8909, 86.7395, 105.9814

Trichromacy



Original Color

84.7289, 86.6963, 100.2640

Protanomaly

84.1358, 86.8036, 101.1273

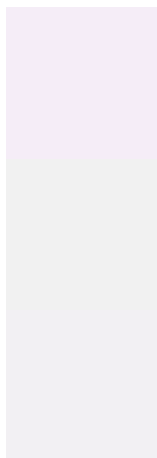
Deuteranomaly

86.1265, 86.5797, 99.3610

Tritanomaly

85.4141, 86.5488, 103.4706

Monochromacy



Original Color

84.7289, 86.6963, 100.2640

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.9557, 87.6685, 97.2908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7289, 86.6963, 100.2640 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(245, 237, 247) looks like.

```
.text, #text, p{  
    color:rgb(245, 237, 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(245, 237, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 237, 247) }
```

Border

The CSS property to change the border of an element to XYZ 84.7289, 86.6963, 100.2640 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(245, 237, 247) }
```


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

```
.border{ border-color:rgb(245, 237, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 237, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 237, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 237, 247);  
box-shadow:4px 4px 4px 4px rgb(245, 237,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7289, 86.6963, 100.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 237, 247) }
```

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

```
.background{ background-color: rgb(245,  
237, 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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