

Converting Colors

XYZ(84.4244, 86.6614,
102.6380)

Have a look what the booklet for
XYZ(84.4244, 86.6614, 102.6380)
contains.

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Color

**XYZ(84.1575, 86.3477,
102.6737)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EDFA
RGB	242, 237, 250
RGB Percent	95%, 93%, 98%
CMY	0.0510, 0.0706, 0.0196
CMYK	0.03, 0.05, 0.00, 0.02
HSL	263°, 57%, 95%
HSV	263°, 5%, 98%
XYZ	84.1575, 86.3477, 102.6737
YIQ	239.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

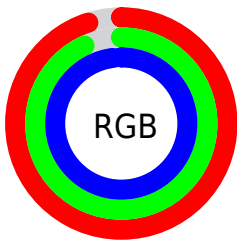
Format	Color
R _Y B	242, 237, 250
Decimal	15920634
CIE Lab	94.46, 4.00, -5.67
CIE LCh	94, 6.943, 305.192
Yxy	86.3477, 0.3081, 0.3161
Android (android.graphics.Color)	4294110714 (0xFFF2EDFA)
YUV	239.9770, 4.9413, 1.7742
Hunter-Lab	92.9235, -0.9549, -0.4647

Details

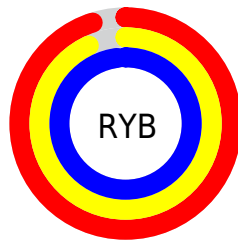
The XYZ color **84.1575, 86.3477, 102.6737** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.1309, 93.9004, 93.6573**, and the grayscale version is **82.7718, 87.0824, 94.8327**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5112, 47.3819, 57.7332** is the 20% darker color. If you saturate the color by 10%, you get **72.3572, 70.2600, 100.1917**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7166**.

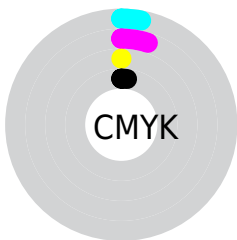
Distribution



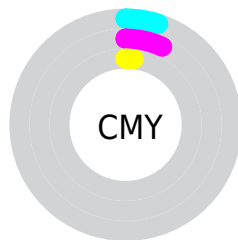
- Red (95%)
- Green (93%)
- Blue (98%)



- Red (95%)
- Yellow (93%)
- Blue (98%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (5%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1575, 86.3477, 102.6737 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 84.1575, 86.3477, 102.6737 by changing the saturation by 10% instead.

84.1575, 86.3477,
102.6737

84.1575, 86.3477,
102.6737

497.3619,
516.0770, 590.0509

63.4656, 64.9555,
77.9060

138.1156,
142.2546, 166.9105

46.4781, 47.4250,
57.4808

172.1125,
177.5381, 207.2166

32.8294, 33.3718,
40.9795

211.2752,
218.2209, 253.5394

22.1544, 22.4114,
27.9835

255.9689,
264.6872, 306.2973

14.0877, 14.1595,
18.0743

306.5591,
317.3217, 365.9089

8.2638, 8.2317,
10.8333

363.4111,

4.3174, 4.2436,

376.5085, 432.7926

5.8421

426.8902,
442.6321, 507.3671

■ 1.8832, 1.8107,
2.6821

■ 0.5671, 0.4938,
0.9344

■ 84.1575, 86.3477,
102.6737

■ 84.1575, 86.3477,
102.6737

■ 72.3572, 70.2600,
100.1917

94.2556, 99.6822,
104.7166

■ 61.9555, 56.3272,
98.0506

■ 52.8992, 44.4585,
96.2371

■ 45.1288, 34.5521,
94.7345

■ 38.5797, 26.4973,
93.5249

■ 33.1813, 20.1722,
92.5886

■ 28.8550, 15.4395,
91.9031

■ 25.5105, 12.1401,
91.4425

■ 23.0388, 10.0788,
91.1749

Harmonies

Analogous

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



82.3962, 86.3477, 104.6343



84.1575, 86.3477, 102.6737



85.3732, 86.3477, 98.3985

Triad

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



84.1575, 86.3477, 102.6737



83.5865, 86.3477, 84.9900



78.5470, 86.3477, 94.9516

Complementary

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



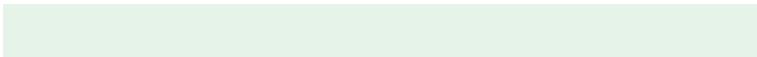
84.1575, 86.3477, 102.6737



87.1309, 93.9004, 93.6573

Split Complementary

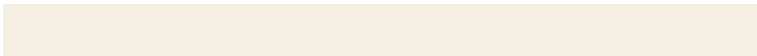
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.8549, 86.3477, 89.7694



84.1575, 86.3477, 102.6737



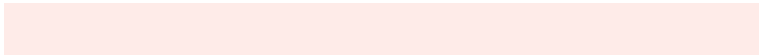
81.7464, 86.3477, 84.1451

Square

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



84.1575, 86.3477, 102.6737



85.0401, 86.3477, 88.2157



80.0191, 86.3477, 85.8629



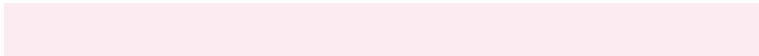
79.1717, 86.3477, 100.0693

Rectangle

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



84.1575, 86.3477, 102.6737



85.7008, 86.3477, 94.8824



80.0191, 86.3477, 85.8629



78.5450, 86.3477, 93.1588

Sweetspot

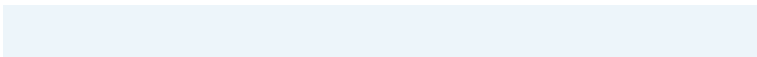
The Sweet Spot groups the original color and five complimentary colors.



84.1600, 86.3514, 102.6756



92.2990, 96.1985, 108.3112



84.8408, 90.2245, 103.3873



19.7847, 20.6303, 23.1892



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.



84.1600, 86.3514, 102.6756



86.9815, 88.8811, 107.1791



86.4251, 87.5191, 102.7816



17.6530, 17.9793, 21.9252



11.8663, 5.0600, 48.3248



1.2133, 0.5276, 4.4811

Inverse Universe

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



86.1929, 87.4887, 98.7344



89.4291, 90.2506, 102.4255



84.9083, 92.7545, 93.5532



18.2064, 18.2889, 20.8491



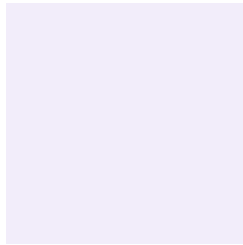
24.0731, 12.0450, 17.6254



2.2814, 1.1363, 1.9051

Previews

White Background



This preview shows how the XYZ color 84.1575, 86.3477, 102.6737 looks on a white background.

Color Contrast Check

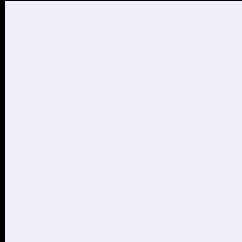
Large Text (above 18pt) WCAG AA × Fail

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 84.1575, 86.3477, 102.6737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

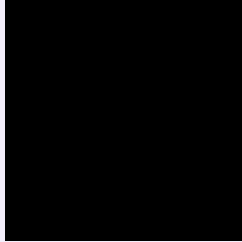
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.1575, 86.3477, 102.6737

Background



This preview shows how black text looks on a background with the XYZ color 84.1575, 86.3477, 102.6737.



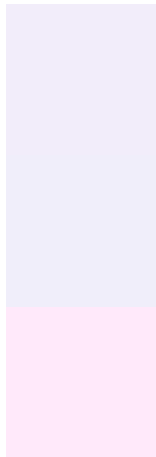
This preview shows how white text looks on a background with the XYZ color 84.1575, 86.3477,

102.6737.

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

84.1575, 86.3477, 102.6737

Protanopia

83.7650, 86.5765, 102.7385

Deuteranopia

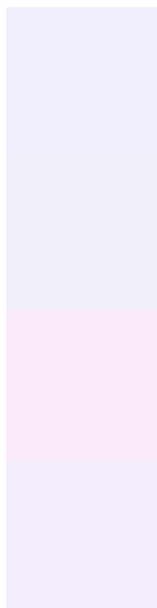
87.6342, 86.4400, 102.5082



Tritanopia

85.0076, 86.2656, 106.7783

Trichromacy



Original Color

84.1575, 86.3477, 102.6737

Protanomaly

84.1055, 86.7520, 102.7545

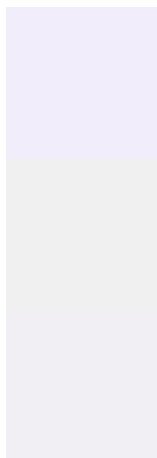
Deuteranomaly

86.1025, 86.0718, 102.5179

Tritanomaly

84.6872, 86.1374, 105.0912

Monochromacy



Original Color

84.1575, 86.3477, 102.6737

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.4713, 86.9654, 97.9745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1575, 86.3477, 102.6737 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(242, 237, 250) looks like.

```
.text, #text, p{  
    color:rgb(242, 237, 250)  
}
```

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(242, 237, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 237, 250) }
```

Border

The CSS property to change the border of an element to XYZ 84.1575, 86.3477, 102.6737 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(242, 237, 250) }
```


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

```
.border{ border-color:rgb(242, 237, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 237, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 237, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 237, 250);  
box-shadow:4px 4px 4px 4px rgb(242, 237,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1575, 86.3477, 102.6737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 237, 250) }
```

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

```
.background{ background-color: rgb(242,  
237, 250) }
```

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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