

Converting Colors

XYZ(84.1988, 86.6905, 97.1742)

Have a look what the booklet for
XYZ(84.1988, 86.6905, 97.1742)
contains.

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Color

**XYZ(84.1180, 86.4519,
97.0474)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EDF3
RGB	245, 237, 243
RGB Percent	96%, 93%, 95%
CMY	0.0392, 0.0706, 0.0471
CMYK	0.00, 0.03, 0.01, 0.04
HSL	315°, 29%, 95%
HSV	315°, 3%, 96%
XYZ	84.1180, 86.4519, 97.0474
YIQ	240.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

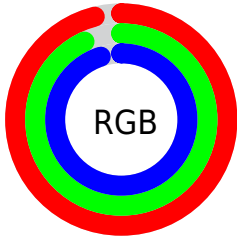
Format	Color
R _Y B	245, 237, 243
Decimal	16117235
CIE Lab	94.51, 3.73, -1.95
CIE LCh	95, 4.212, 332.461
Yxy	86.4519, 0.3143, 0.3230
Android (android.graphics.Color)	4294307315 (0xFFFF5EDF3)
YUV	240.0760, 1.4415, 4.3183
Hunter-Lab	92.9795, -1.2263, 3.2017

Details

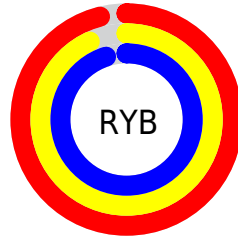
The XYZ color **84.1180, 86.4519, 97.0474** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.1607, 89.5435, 94.5663**, and the grayscale version is **82.8736, 87.1894, 94.9493**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4798, 47.4544, 53.7236** is the 20% darker color. If you saturate the color by 10%, you get **76.5944, 72.8600, 90.0505**, and if you desaturate by 10%, it is **90.5358, 97.7804, 103.8302**.

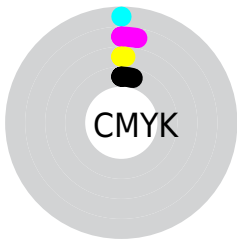
Distribution



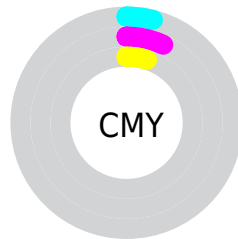
- Red (96%)
- Green (93%)
- Blue (95%)



- Red (96%)
- Yellow (93%)
- Blue (95%)



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



- Cyan (4%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1180, 86.4519, 97.0474 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 84.1180, 86.4519, 97.0474 by changing the saturation by 10% instead.

84.1180, 86.4519,
97.0474

84.1180, 86.4519,
97.0474

497.2327,
516.4201, 571.8499

63.4329, 65.0417,
73.2339

138.0606,
142.3999, 159.1100

46.4515, 47.4949,
53.6743

172.0489,
177.7066, 198.1962

32.8084, 33.4271,
37.9499

211.2022,
218.4142, 243.2103

22.1382, 22.4538,
25.6423

255.8860,
264.9071, 294.5710

14.0757, 14.1907,
16.3329

306.4656,
317.5698, 352.6968

8.2554, 8.2534,
9.6031

363.3063,

4.3120, 4.2575,

376.7866, 418.0062

5.0345

426.7736,
442.9419, 490.9177

■ 1.8801, 1.8186,
2.2084

■ 0.5652, 0.4988,
0.6792

■ 84.1180, 86.4519,
97.0474

■ 84.1180, 86.4519,
97.0474

■ 76.5944, 72.8600,
90.0505

■ 90.5358, 97.7804,
103.8302

■ 70.0290, 61.1367,
83.5229

■ 91.4667, 98.1527,
108.7323

■ 64.3823, 51.2024,
77.4510

■ 59.6092, 42.9671,
71.8182

■ 55.6606, 36.3334,
66.6066

■ 52.4824, 31.1935,
61.7968

■ 50.0139, 27.4267,
57.3667

■ 48.1850, 24.8930,
53.2916

■ 46.9106, 23.4228,
49.5413

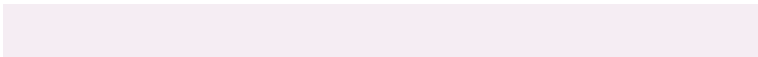
Harmonies

Analogous

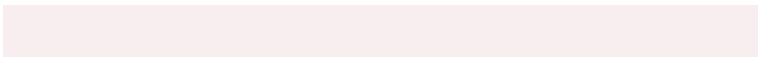
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3455, 86.4519, 99.4978



84.1180, 86.4519, 97.0474



84.3671, 86.4519, 93.8636

Triad

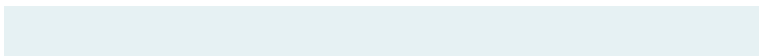
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.1180, 86.4519, 97.0474



82.0764, 86.4519, 88.0310



80.3444, 86.4519, 97.5221

Complementary

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



84.1180, 86.4519, 97.0474



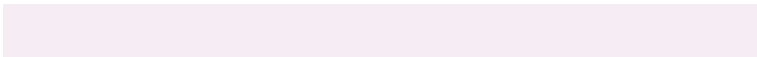
83.1607, 89.5435, 94.5663

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.



80.0113, 86.4519, 94.3998



84.1180, 86.4519, 97.0474



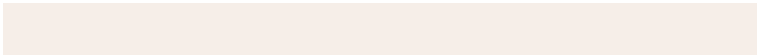
81.0055, 86.4519, 88.9616

Square

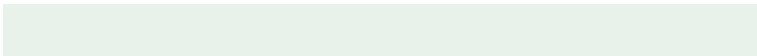
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



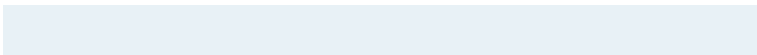
84.1180, 86.4519, 97.0474



83.1819, 86.4519, 88.7036



80.2522, 86.4519, 91.2744



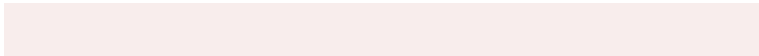
81.1662, 86.4519, 99.7762

Rectangle

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



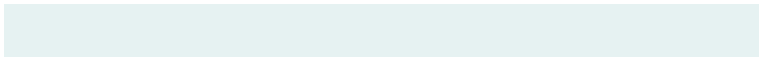
84.1180, 86.4519, 97.0474



84.2009, 86.4519, 91.7663



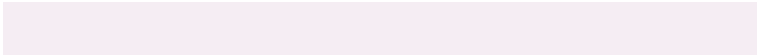
80.2522, 86.4519, 91.2744



80.1719, 86.4519, 96.5368

Sweetspot

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



84.1205, 86.4556, 97.0493



94.1394, 98.3428, 108.0907



82.3657, 85.5159, 98.5525



20.1593, 21.0669, 23.1444



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

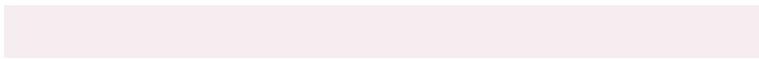
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1205, 86.4556, 97.0493



91.4738, 93.5006, 105.6950



83.5232, 86.2167, 93.9043



17.8037, 18.0995, 20.6024



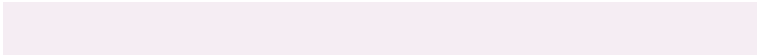
24.9897, 12.3393, 25.7177



2.2372, 1.1009, 2.4755

Inverse Universe

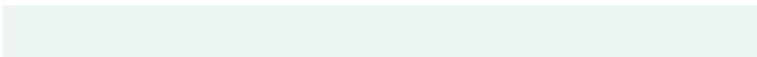
The Inverse Universe completely reimagines the original color for something new.



84.1205, 86.4556, 97.0493



91.4738, 93.5006, 105.6950



83.7579, 89.7824, 97.7113



17.8037, 18.0995, 20.6024



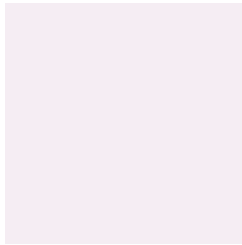
24.9897, 12.3393, 25.7177



2.2372, 1.1009, 2.4755

Previews

White Background



This preview shows how the XYZ color 84.1180, 86.4519, 97.0474 looks on a white background.

Color Contrast Check

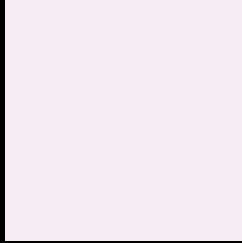
Large Text (above 18pt) WCAG AA × Fail

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 84.1180, 86.4519, 97.0474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

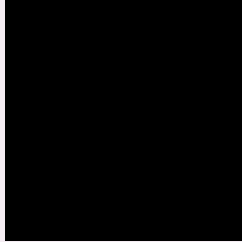
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

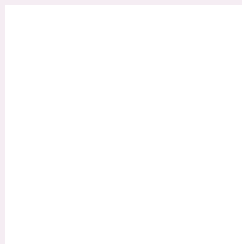
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.1180, 86.4519, 97.0474

Background



This preview shows how black text looks on a background with the XYZ color 84.1180, 86.4519, 97.0474.



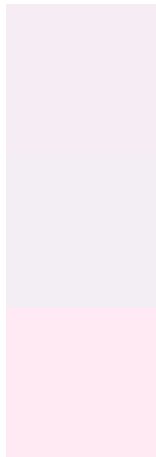
This preview shows how white text looks on a background with the XYZ color 84.1180, 86.4519,

97.0474.

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

84.1180, 86.4519, 97.0474

Protanopia

83.5216, 86.5580, 97.8932

Deuteranopia

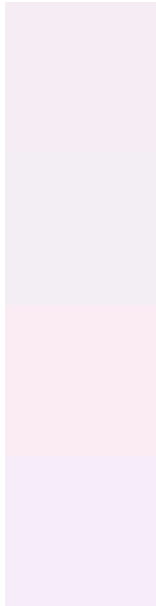
86.8405, 86.5767, 96.9280



Tritanopia

85.9555, 86.3466, 105.9021

Trichromacy



Original Color

84.1180, 86.4519, 97.0474

Protanomaly

83.8658, 86.7354, 97.9094

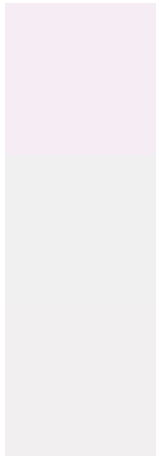
Deuteranomaly

85.6697, 86.3970, 96.9550

Tritanomaly

85.2568, 86.4859, 102.6424

Monochromacy



Original Color

84.1180, 86.4519, 97.0474

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.3616, 86.9611, 95.6106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1180, 86.4519, 97.0474 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, 243) looks like.

```
.text, #text, p{  
    color:rgb(245, 237, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 237, 243) }
```

Border

The CSS property to change the border of an element to XYZ 84.1180, 86.4519, 97.0474 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, 243) }
```


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

```
.border{ border-color:rgb(245, 237, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 237, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 237, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 237,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1180, 86.4519, 97.0474 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, 243) }
```

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

```
.background{ background-color: rgb(245,  
237, 243) }
```

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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