

Converting Colors

XYZ(84.3312, 86.6812,
100.5656)

Have a look what the booklet for
XYZ(84.3312, 86.6812, 100.5656)
contains.

XYZ(84.0348, 86.3385, 100.2316)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.0348, 86.3385,
100.2316)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EDF7
RGB	243, 237, 247
RGB Percent	95%, 93%, 97%
CMY	0.0471, 0.0706, 0.0314
CMYK	0.02, 0.04, 0.00, 0.03
HSL	276°, 38%, 95%
HSV	276°, 4%, 97%
XYZ	84.0348, 86.3385, 100.2316
YIQ	239.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

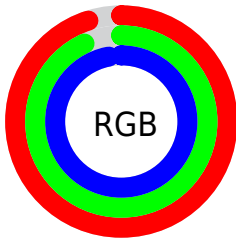
Format	Color
R _Y B	243, 237, 247
Decimal	15986167
CIE Lab	94.46, 3.78, -4.11
CIE LCh	94, 5.590, 312.619
Yxy	86.3385, 0.3105, 0.3191
Android (android.graphics.Color)	4294176247 (0xFFFF3EDF7)
YUV	239.9340, 3.4835, 2.6889
Hunter-Lab	92.9185, -1.1733, 1.0866

Details

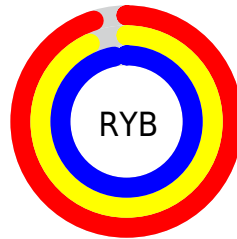
The XYZ color **84.0348, 86.3385, 100.2316** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8259, 91.3391, 93.2847**, and the grayscale version is **82.7484, 87.0578, 94.8059**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4214, 47.3741, 55.9877** is the 20% darker color. If you saturate the color by 10%, you get **74.0511, 71.2987, 97.8561**, and if you desaturate by 10%, it is **93.0153, 99.0968, 102.2222**.

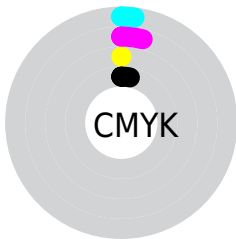
Distribution



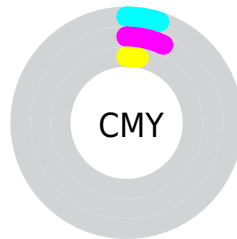
- Red (95%)
- Green (93%)
- Blue (97%)



- Red (95%)
- Yellow (93%)
- Blue (97%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (5%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.0348, 86.3385, 100.2316 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 84.0348, 86.3385, 100.2316 by changing the saturation by 10% instead.

84.0348, 86.3385,
100.2316

84.0348, 86.3385,
100.2316

496.9607,
516.0467, 582.1880

63.3640, 64.9479,
75.8760

137.9449,
142.2418, 163.5301

46.3955, 47.4189,
55.8248

171.9148,
177.5232, 203.3100

32.7640, 33.3669,
39.6594

211.0485,
218.2038, 249.0685

22.1040, 22.4077,
26.9613

255.7113,
264.6678, 301.2241

14.0504, 14.1567,
17.3120

306.2686,
317.2998, 360.1953

8.2377, 8.2298,
10.2929

363.0857,

4.3005, 4.2423,

376.4839, 426.4006

5.4854

426.5279,
442.6048, 500.2587

■ 1.8735, 1.8100,
2.4711

■ 0.5614, 0.4934,
0.8248

■ 84.0348, 86.3385,
100.2316

■ 84.0348, 86.3385,
100.2316

■ 74.0511, 71.2987,
97.8561

■ 93.0153, 99.0968,
102.2222

■ 65.1908, 58.2385,
95.8022

■ 93.7888, 99.4955,
102.2584

■ 57.4106, 47.0744,
94.0574

■ 50.6615, 37.7130,
92.6062

■ 44.8904, 30.0524,
91.4317

■ 40.0387, 23.9804,
90.5154

■ 36.0410, 19.3708,
89.8364

■ 32.8218, 16.0777,
89.3704

■ 30.2894, 13.9228,
89.0879

Harmonies

Analogous

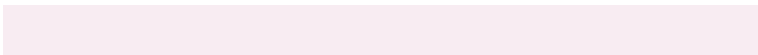
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6952, 86.3385, 102.3190



84.0348, 86.3385, 100.2316



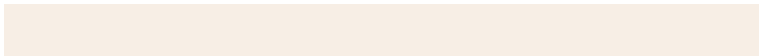
84.8515, 86.3385, 96.5024

Triad

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



84.0348, 86.3385, 100.2316



82.9286, 86.3385, 86.3276



79.2739, 86.3385, 95.8279

Complementary

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



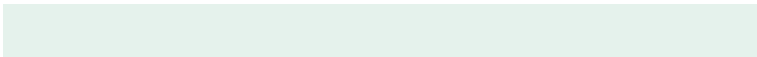
84.0348, 86.3385, 100.2316



84.8259, 91.3391, 93.2847

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.



79.3347, 86.3385, 91.5569



84.0348, 86.3385, 100.2316



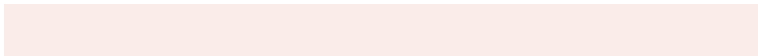
81.4323, 86.3385, 86.1596

Square

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



84.0348, 86.3385, 100.2316



84.2074, 86.3385, 88.5138



80.1206, 86.3385, 88.0474



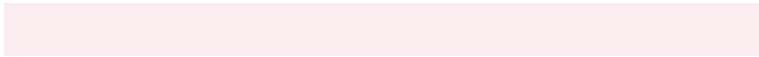
79.9536, 86.3385, 99.7249

Rectangle

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



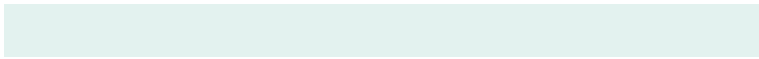
84.0348, 86.3385, 100.2316



84.9834, 86.3385, 93.6302



80.1206, 86.3385, 88.0474



79.2087, 86.3385, 94.3867

Sweetspot

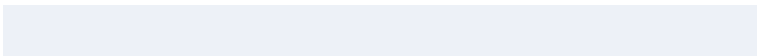
The Sweet Spot groups the original color and five complimentary colors.



84.0373, 86.3422, 100.2335



93.8675, 98.1908, 108.6131



83.2216, 87.7328, 100.5449



20.1040, 21.0359, 23.2507



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.



84.0373, 86.3422, 100.2335



89.2643, 91.1783, 107.5022



85.3047, 87.0104, 99.6232



17.3460, 17.6440, 21.0340



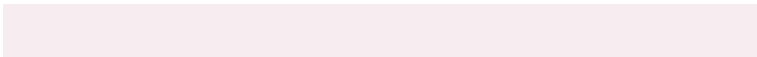
15.5172, 6.9737, 47.0662



1.4796, 0.6726, 4.1421

Inverse Universe

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



84.5223, 86.6974, 95.5033



89.9095, 91.6504, 101.2326



83.5972, 90.6916, 93.8640



17.4896, 17.7490, 19.6421



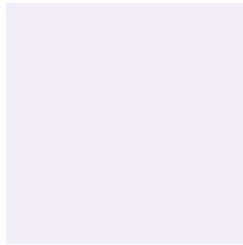
21.5389, 10.9590, 7.5464



1.9424, 0.9829, 0.9229

Previews

White Background



This preview shows how the XYZ color 84.0348, 86.3385, 100.2316 looks on a white background.

Color Contrast Check

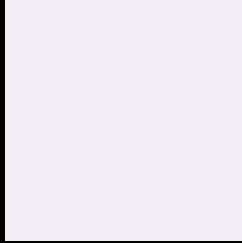
Large Text (above 18pt) WCAG AA × Fail

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 84.0348, 86.3385, 100.2316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

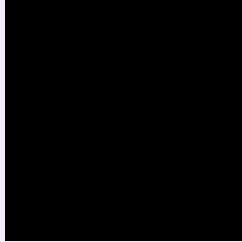
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

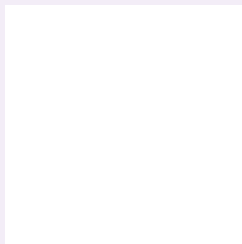
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.0348, 86.3385, 100.2316

Background



This preview shows how black text looks on a background with the XYZ color 84.0348, 86.3385, 100.2316.



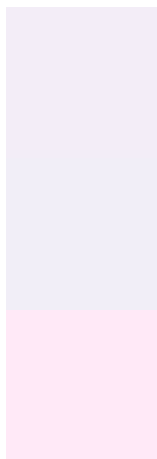
This preview shows how white text looks on a background with the XYZ color 84.0348, 86.3385,

100.2316.

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

84.0348, 86.3385, 100.2316

Protanopia

83.6387, 86.5652, 100.2962

Deuteranopia

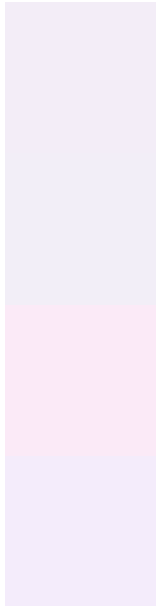
87.1674, 86.2532, 100.0500



Tritanopia

85.1931, 86.3798, 105.9487

Trichromacy



Original Color

84.0348, 86.3385, 100.2316

Protanomaly

83.9810, 86.7417, 100.3122

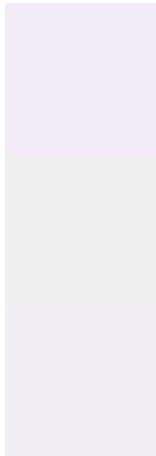
Deuteranomaly

85.9950, 86.0703, 100.0765

Tritanomaly

84.7163, 86.1890, 103.4379

Monochromacy



Original Color

84.0348, 86.3385, 100.2316

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.3198, 86.9048, 97.1769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0348, 86.3385, 100.2316 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(243, 237, 247) looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 237, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 237, 247) }
```

Border

The CSS property to change the border of an element to XYZ 84.0348, 86.3385, 100.2316 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(243, 237, 247) }
```


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

```
.border{ border-color:rgb(243, 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(243, 237, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 237, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 237, 247);  
box-shadow:4px 4px 4px 4px rgb(243, 237,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0348, 86.3385, 100.2316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 237, 247) }
```

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

```
.background{ background-color: rgb(243,  
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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