

Converting Colors

XYZ(84.9452, 86.3871, 99.8782)

Have a look what the booklet for
XYZ(84.9452, 86.3871, 99.8782)
contains.

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Color

**XYZ(85.1417, 86.4805,
100.2006)**

Conversions

Conversions Part 1

Format	Color
Hex	F7ECF7
RGB	247, 236, 247
RGB Percent	97%, 93%, 97%
CMY	0.0314, 0.0745, 0.0314
CMYK	0.00, 0.04, 0.00, 0.03
HSL	300°, 41%, 95%
HSV	300°, 4%, 97%
XYZ	85.1417, 86.4805, 100.2006
YIQ	240.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

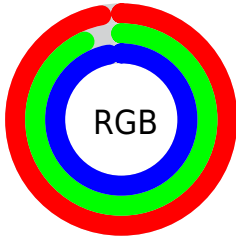
Format	Color
R _Y B	247, 236, 247
Decimal	16248055
CIE Lab	94.52, 5.62, -3.99
CIE LCh	95, 6.893, 324.643
Yxy	86.4805, 0.3132, 0.3182
Android (android.graphics.Color)	4294438135 (0xFF77ECF7)
YUV	240.5430, 3.1833, 5.6628
Hunter-Lab	92.9949, 0.6850, 1.2123

Details

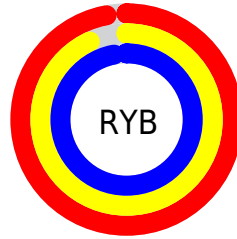
The XYZ color **85.1417, 86.4805, 100.2006** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.9965, 90.4128, 92.4384**, and the grayscale version is **83.2263, 87.5605, 95.3534**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2111, 47.4805, 55.9666** is the 20% darker color. If you saturate the color by 10%, you get **78.5173, 73.2305, 97.9935**, and if you desaturate by 10%, it is **90.9071, 98.0099, 102.1234**.

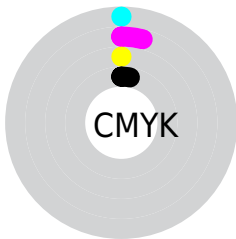
Distribution



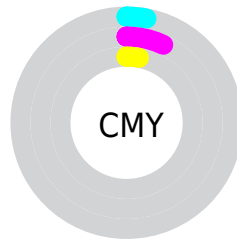
- Red (97%)
- Green (93%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.1417, 86.4805, 100.2006 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 85.1417, 86.4805, 100.2006 by changing the saturation by 10% instead.

85.1417, 86.4805,
100.2006

85.1417, 86.4805,
100.2006

500.5734,
516.5143, 582.0878

64.2814, 65.0654,
75.8503

139.4841,
142.4398, 163.4871

47.1411, 47.5141,
55.8038

173.6969,
177.7528, 203.2604

33.3556, 33.4423,
39.6427

213.0913,
218.4672, 249.0116

22.5596, 22.4655,
26.9484

258.0325,
264.9674, 301.1595

14.3875, 14.1993,
17.3024

308.8860,
317.6379, 360.1226

8.4742, 8.2594,
10.2861

366.0171,

4.4542, 4.2614,

376.8629, 426.3192

5.4810

429.7911,
443.0269, 500.1681

■ 1.9622, 1.8208,
2.4685

■ 0.6126, 0.5001,
0.8234

■ 85.1417, 86.4805,
100.2006

■ 85.1417, 86.4805,
100.2006

■ 78.5173, 73.2305,
97.9935

■ 90.9071, 98.0099,
102.1234

■ 72.8337, 61.8634,
96.0990

■ 90.9071, 98.0100,
102.1234

■ 68.0506, 52.2972,
94.5046

■ 90.9072, 98.0100,
102.1234

■ 64.1217, 44.4396,
93.1950

■ 90.9072, 98.0100,
102.1234

60.9968, 38.1899,
92.1534

90.9073, 98.0101,
102.1234

58.6205, 33.4372,
91.3613

90.9073, 98.0101,
102.1234

56.9300, 30.0564,
90.7979

90.9074, 98.0101,
102.1234

55.8527, 27.9020,
90.4388

90.9074, 98.0101,
102.1234

55.2997, 26.7959,
90.2544

90.9075, 98.0102,
102.1235

Harmonies

Analogous

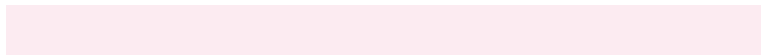
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6939, 86.4805, 103.7596



85.1417, 86.4805, 100.2006



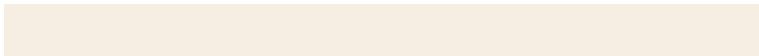
85.8012, 86.4805, 95.1198

Triad

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



85.1417, 86.4805, 100.2006



82.5307, 86.4805, 84.3502



78.9964, 86.4805, 98.4882

Complementary

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



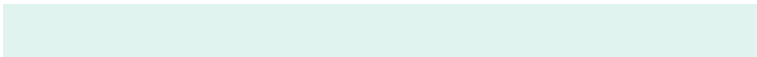
85.1417, 86.4805, 100.2006



82.9965, 90.4128, 92.4384

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.



78.6954, 86.4805, 93.2118



85.1417, 86.4805, 100.2006



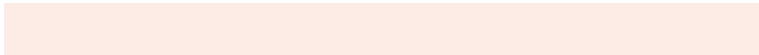
80.7183, 86.4805, 85.1763

Square

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



85.1417, 86.4805, 100.2006



84.2792, 86.4805, 86.0717



79.3212, 86.4805, 88.3721



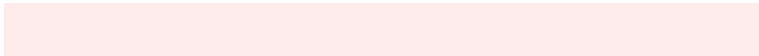
80.1496, 86.4805, 102.7452

Rectangle

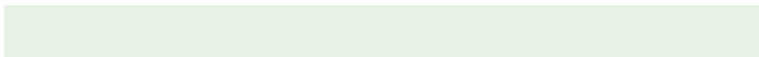
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



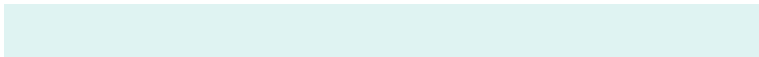
85.1417, 86.4805, 100.2006



85.6980, 86.4805, 91.6027



79.3212, 86.4805, 88.3721



78.7929, 86.4805, 96.7697

Sweetspot

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



85.1442, 86.4842, 100.2025



94.2419, 98.3838, 108.6306



81.4327, 84.6493, 100.0439



20.1802, 21.0752, 23.2543



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.



85.1442, 86.4842, 100.2025



91.1166, 92.1332, 107.5889



84.3355, 86.1608, 95.9439



17.7576, 17.8562, 21.0532



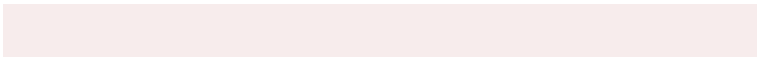
29.1648, 14.0093, 47.7049



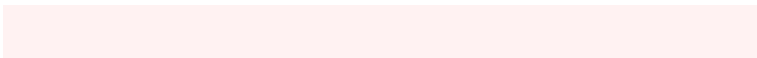
2.5633, 1.2313, 4.1928

Inverse Universe

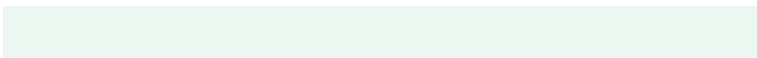
The Inverse Universe completely reimagines the original color for something new.



83.4967, 85.8252, 91.5266



89.1312, 91.3390, 97.1339



83.7804, 90.7264, 96.5665



17.3177, 17.6802, 18.7364



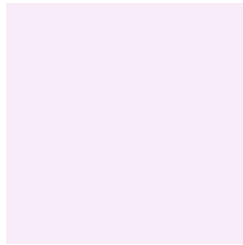
20.2862, 10.4579, 0.9494



1.7830, 0.9191, 0.0835

Previews

White Background



This preview shows how the XYZ color 85.1417, 86.4805, 100.2006 looks on a white background.

Color Contrast Check

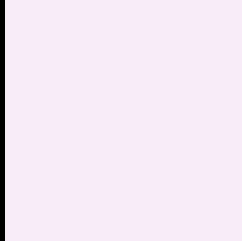
Large Text (above 18pt) WCAG AA × Fail

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 85.1417, 86.4805, 100.2006 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

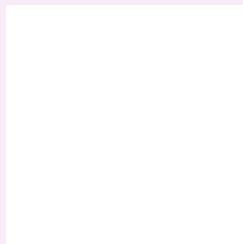
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.1417, 86.4805, 100.2006

Background



This preview shows how black text looks on a background with the XYZ color 85.1417, 86.4805, 100.2006.

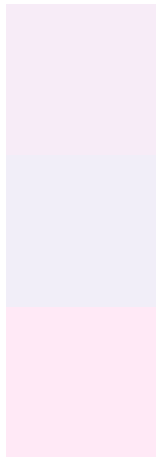


This preview shows how white text looks on a background with the XYZ color 85.1417, 86.4805,

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

85.1417, 86.4805, 100.2006

Protanopia

83.7934, 86.6272, 101.1113

Deuteranopia

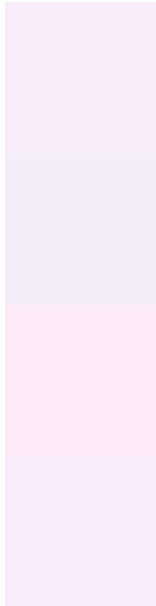
87.0135, 86.1916, 99.2393



Tritanopia

86.1494, 86.4650, 105.0774

Trichromacy



Original Color

85.1417, 86.4805, 100.2006

Protanomaly

84.1896, 86.4004, 101.0466

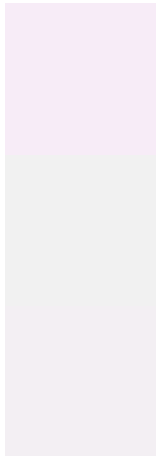
Deuteranomaly

86.2023, 86.1949, 99.2827

Tritanomaly

85.8323, 86.3382, 103.4079

Monochromacy



Original Color

85.1417, 86.4805, 100.2006

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.0063, 87.2588, 97.2090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1417, 86.4805, 100.2006 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(247, 236, 247) looks like.

```
.text, #text, p{  
    color:rgb(247, 236, 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(247, 236, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 236, 247) }
```

Border

The CSS property to change the border of an element to XYZ 85.1417, 86.4805, 100.2006 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(247, 236, 247) }
```


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

```
.border{ border-color:rgb(247, 236, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 236, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 236, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 236, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 236,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1417, 86.4805, 100.2006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 236, 247) }
```

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

```
.background{ background-color: rgb(247,  
236, 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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