

Converting Colors

XYZ(83.9726, 86.1450, 98.5656)

Have a look what the booklet for
XYZ(83.9726, 86.1450, 98.5656)
contains.

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Color

**XYZ(84.0738, 86.3940,
98.6308)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EDF5
RGB	244, 237, 245
RGB Percent	96%, 93%, 96%
CMY	0.0431, 0.0706, 0.0392
CMYK	0.00, 0.03, 0.00, 0.04
HSL	292°, 29%, 95%
HSV	292°, 3%, 96%
XYZ	84.0738, 86.3940, 98.6308
YIQ	240.0050, 1.6040, 3.9720

Conversions

Conversions Part 2

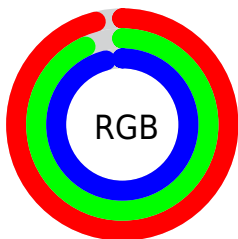
Format	Color
R_{YB}	244, 237, 245
Decimal	16051701
CIE _{Lab}	94.48, 3.76, -3.03
CIE _{LCh}	94, 4.827, 321.104
Yxy	86.3940, 0.3124, 0.3210
Android (android.graphics.Color)	4294241781 (0xFFF4EDF5)
YUV	240.0050, 2.4625, 3.5036
Hunter-Lab	92.9484, -1.2026, 2.1491

Details

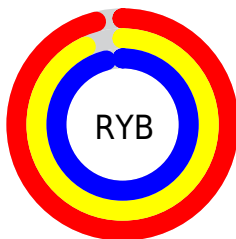
The XYZ color **84.0738, 86.3940, 98.6308** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.2017, 89.5988, 93.0342**, and the grayscale version is **82.8109, 87.1235, 94.8775**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4482, 47.4132, 54.8477** is the 20% darker color. If you saturate the color by 10%, you get **76.4058, 72.6225, 96.3781**, and if you desaturate by 10%, it is **90.6228, 97.8989, 100.5076**.

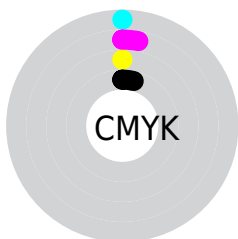
Distribution



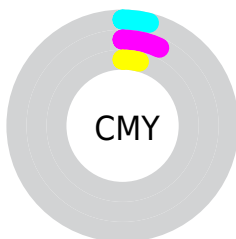
- Red (96%)
- Green (93%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.0738, 86.3940, 98.6308 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 84.0738, 86.3940, 98.6308 by changing the saturation by 10% instead.

84.0738, 86.3940,
98.6308

84.0738, 86.3940,
98.6308

497.0882,
516.2295, 577.0030

63.3963, 64.9938,
74.5471

137.9991,
142.3192, 161.3097

46.4217, 47.4561,
54.7424

171.9777,
177.6130, 200.7420

32.7848, 33.3963,
38.7983

211.1206,
218.3068, 246.1276

22.1201, 22.4302,
26.2962

255.7932,
264.7849, 297.8849

14.0622, 14.1734,
16.8176

306.3609,
317.4319, 356.4326

8.2460, 8.2414,
9.9440

363.1891,

4.3059, 4.2498,

376.6321, 422.1891

5.2567

426.6431,
442.7698, 495.5731

■ 1.8766, 1.8142,
2.3373

■ 0.5632, 0.4960,
0.7520

■ 84.0738, 86.3940,
98.6308

■ 84.0738, 86.3940,
98.6308

■ 76.4058, 72.6225,
96.3781

■ 90.6228, 97.8989,
100.5076

■ 69.6831, 60.7164,
94.4343

■ 91.7129, 98.4608,
100.5586

■ 63.8662, 50.5963,
92.7875

■ 92.8209, 99.0320,
100.6105

■ 58.9104, 42.1722,
91.4227

■ 93.4817, 99.3727,
100.6414

■ 54.7667, 35.3467,
90.3236

■ 51.3813, 30.0122,
89.4724

■ 48.6938, 26.0479,
88.8489

■ 46.6342, 23.3142,
88.4297

■ 45.1177, 21.6414,
88.1868

Harmonies

Analogous

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



83.0173, 86.3940, 100.8994



84.0738, 86.3940, 98.6308



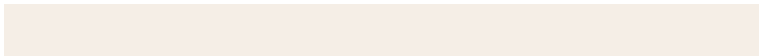
84.6068, 86.3940, 95.1786

Triad

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



84.0738, 86.3940, 98.6308



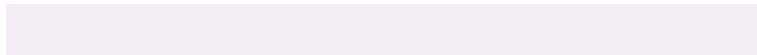
82.5017, 86.3940, 87.1781



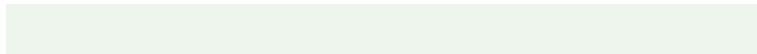
79.8072, 86.3940, 96.6670

Complementary

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



84.0738, 86.3940, 98.6308



83.2017, 89.5988, 93.0342

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.



79.6724, 86.3940, 92.9668



84.0738, 86.3940, 98.6308



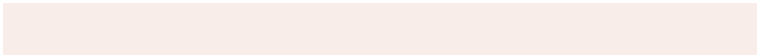
81.2190, 86.3940, 87.5529

Square

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



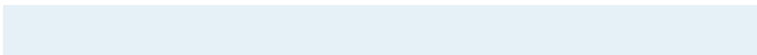
84.0738, 86.3940, 98.6308



83.6929, 86.3940, 88.6113



80.1867, 86.3940, 89.6489



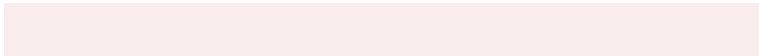
80.5569, 86.3940, 99.7450

Rectangle

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



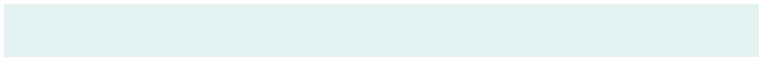
84.0738, 86.3940, 98.6308



84.5898, 86.3940, 92.6977



80.1867, 86.3940, 89.6489



79.6888, 86.3940, 95.4525

Sweetspot

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



84.0763, 86.3977, 98.6327



94.1246, 98.3233, 108.6251



82.0041, 85.7891, 98.6244



20.1563, 21.0629, 23.2531



0.0000, 0.0000, 0.0000



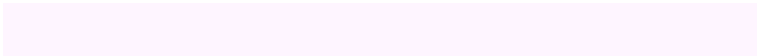
20.3446, 21.4041, 23.3091

Same Dimension

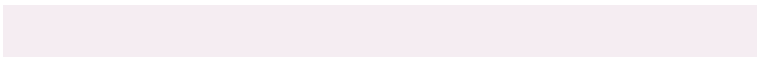
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0763, 86.3977, 98.6327



91.4141, 93.4227, 107.8221



83.9801, 86.3995, 96.3099



17.7898, 18.0815, 21.0950



23.9556, 11.3239, 47.4612



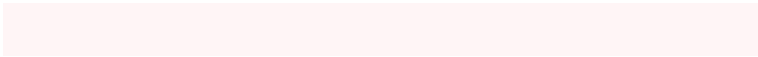
2.1615, 1.0241, 4.1740

Inverse Universe

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



83.3761, 86.1578, 93.1292



90.4781, 93.1023, 100.4517



83.2988, 89.5989, 95.2935



17.5741, 18.0077, 19.3932



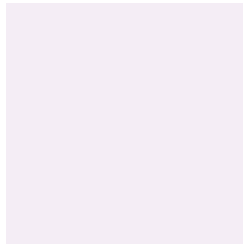
20.4437, 10.5209, 1.7789



1.8231, 0.9352, 0.2951

Previews

White Background



This preview shows how the XYZ color 84.0738, 86.3940, 98.6308 looks on a white background.

Color Contrast Check

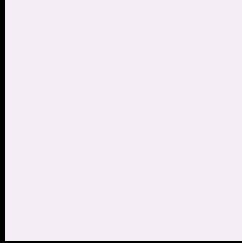
Large Text (above 18pt) WCAG AA × Fail

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 84.0738, 86.3940, 98.6308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

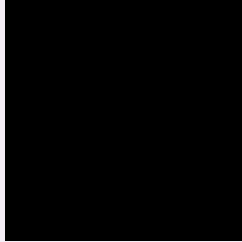
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

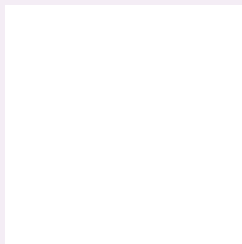
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.0738, 86.3940, 98.6308

Background



This preview shows how black text looks on a background with the XYZ color 84.0738, 86.3940, 98.6308.



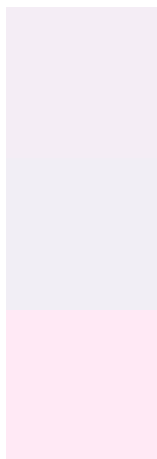
This preview shows how white text looks on a background with the XYZ color 84.0738, 86.3940,

98.6308.

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

84.0738, 86.3940, 98.6308

Protanopia

83.3316, 86.4424, 98.6792

Deuteranopia

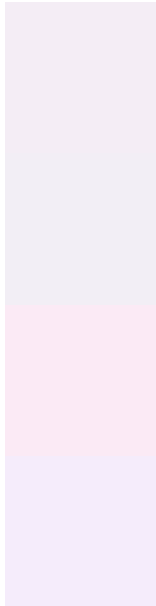
86.8603, 86.1304, 98.4330



Tritanopia

85.5410, 86.5591, 105.9650

Trichromacy



Original Color

84.0738, 86.3940, 98.6308

Protanomaly

83.6739, 86.6189, 98.6952

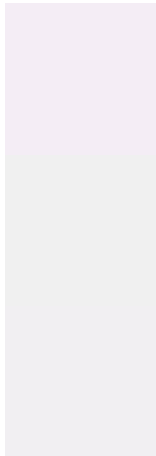
Deuteranomaly

85.6879, 85.9474, 98.4595

Tritanomaly

85.0642, 86.3684, 103.4542

Monochromacy



Original Color

84.0738, 86.3940, 98.6308

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.1691, 86.8446, 96.3836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0738, 86.3940, 98.6308 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(244, 237, 245) looks like.

```
.text, #text, p{  
    color:rgb(244, 237, 245)  
}
```

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(244, 237, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 237, 245) }
```

Border

The CSS property to change the border of an element to XYZ 84.0738, 86.3940, 98.6308 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(244, 237, 245) }
```


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

```
.border{ border-color:rgb(244, 237, 245) }
```

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

Here you see how a box with a 4 pixel rgb(244, 237, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 237, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 237, 245);  
box-shadow:4px 4px 4px 4px rgb(244, 237,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0738, 86.3940, 98.6308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 237, 245) }
```

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

```
.background{ background-color: rgb(244,  
237, 245) }
```

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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