

Converting Colors

XYZ(84.6656, 90.4587, 98.9617)

Have a look what the booklet for
XYZ(84.6656, 90.4587, 98.9617)
contains.

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Color

**XYZ(84.8815, 90.7939,
98.6392)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF6F4
RGB	239, 246, 244
RGB Percent	94%, 96%, 96%
CMY	0.0627, 0.0353, 0.0431
CMYK	0.03, 0.00, 0.01, 0.04
HSL	163°, 28%, 95%
HSV	163°, 3%, 96%
XYZ	84.8815, 90.7939, 98.6392
YIQ	243.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

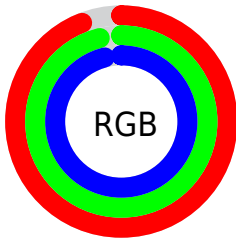
Format	Color
R_{YB}	239, 243, 246
Decimal	15726324
CIE _{Lab}	96.33, -2.66, 0.14
CIE _{LCh}	96, 2.665, 176.909
Yxy	90.7939, 0.3094, 0.3310
Android (android.graphics.Color)	4293916404 (0xFFEFF6F4)
YUV	243.6790, 0.1583, -4.1035
Hunter-Lab	95.2858, -7.7408, 5.3235

Details

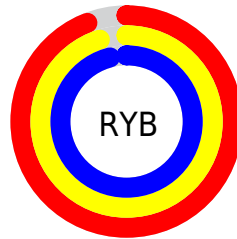
The XYZ color **84.8815, 90.7939, 98.6392** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.7531, 87.6791, 95.6803**, and the grayscale version is **85.7356, 90.2005, 98.2283**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0190, 50.5250, 54.8511** is the 20% darker color. If you saturate the color by 10%, you get **76.0869, 86.3838, 92.7560**, and if you desaturate by 10%, it is **91.6165, 94.1426, 104.6428**.

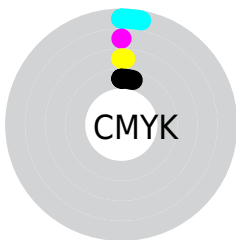
Distribution



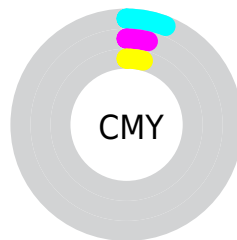
- Red (94%)
- Green (96%)
- Blue (96%)



- Red (94%)
- Yellow (95%)
- Blue (96%)



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



- Cyan (6%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8815, 90.7939, 98.6392 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 84.8815, 90.7939, 98.6392 by changing the saturation by 10% instead.

84.8815, 90.7939,
98.6392

84.8815, 90.7939,
98.6392

499.7255,
530.6100, 577.0303

64.0656, 68.6393,
74.5540

139.1225,
148.4407, 161.3214

46.9657, 50.4180,
54.7481

173.2783,
184.7016, 200.7555

33.2164, 35.7456,
38.8028

212.6115,
226.4335, 246.1430

22.4523, 24.2378,
26.2997

257.4874,
274.0206, 297.9025

14.3081, 15.5101,
16.8202

308.2714,
327.8474, 356.4524

8.4184, 9.1782,
9.9458

365.3289,

4.4179, 4.8576,

388.2983, 422.2113

5.2579

429.0251,
455.7577, 495.5978

■ 1.9411, 2.1639,
2.3380

■ 0.6006, 0.7002,
0.7524

■ 84.8815, 90.7939,
98.6392

■ 84.8815, 90.7939,
98.6392

■ 76.0869, 86.3838,
92.7560

■ 91.6165, 94.1426,
104.6428

■ 68.4152, 82.5454,
87.1343

■ 92.2475, 94.3950,
107.9658

■ 61.8201, 79.2574,
81.7713

■ 56.2489, 76.4926,
76.6621

■ 51.6447, 74.2219,
71.8017

■ 47.9447, 72.4128,
67.1845

■ 45.0784, 71.0291,
62.8047

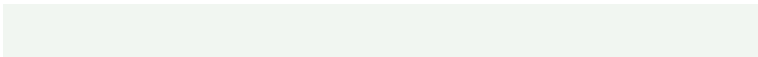
■ 42.9644, 70.0290,
58.6559

■ 41.5045, 69.3618,
54.7308

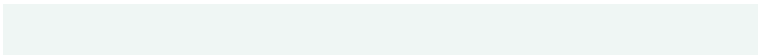
Harmonies

Analogous

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



85.1083, 90.7939, 96.6473



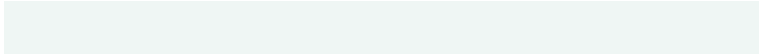
84.8815, 90.7939, 98.6392



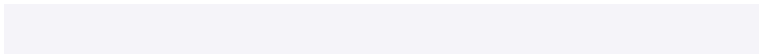
85.0322, 90.7939, 100.7180

Triad

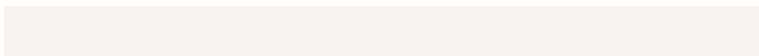
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8815, 90.7939, 98.6392



86.9435, 90.7939, 102.5439



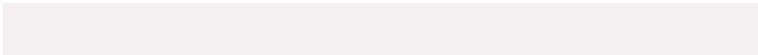
87.0774, 90.7939, 95.4786

Complementary

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



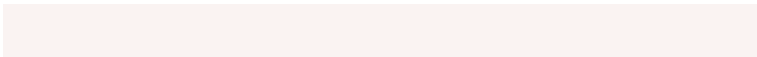
84.8815, 90.7939, 98.6392



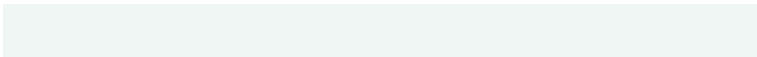
84.7531, 87.6791, 95.6803

Split Complementary

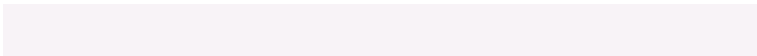
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.5741, 90.7939, 97.0233



84.8815, 90.7939, 98.6392



87.4965, 90.7939, 101.1045

Square

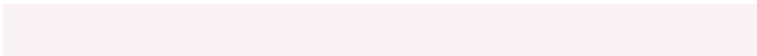
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.8815, 90.7939, 98.6392



86.2201, 90.7939, 102.9913



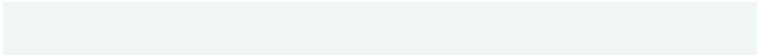
87.7279, 90.7939, 99.0794



86.3737, 90.7939, 94.8390

Rectangle

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



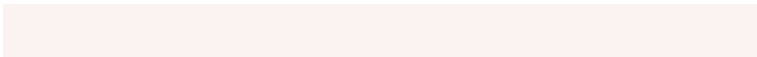
84.8815, 90.7939, 98.6392



85.3269, 90.7939, 101.8700



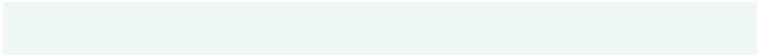
87.7279, 90.7939, 99.0794



87.2742, 90.7939, 95.9081

Sweetspot

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



84.8841, 90.7978, 98.6412



94.0008, 99.4727, 108.2389



84.8485, 90.8660, 94.7296



20.1311, 21.2968, 23.1746



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.



84.8841, 90.7978, 98.6412



91.9409, 98.4377, 106.9255



84.7656, 90.0712, 100.1112



17.8639, 19.2149, 20.8562



21.8165, 36.8714, 28.1173



1.9616, 3.2583, 2.7038

Inverse Universe

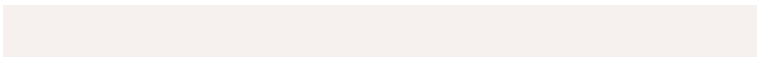
The Inverse Universe completely reimagines the original color for something new.



84.7531, 87.6791, 95.6803



91.7910, 94.8690, 103.5374



84.8670, 88.3834, 94.2494



17.8270, 18.3368, 20.0226



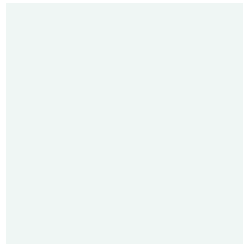
20.9348, 10.7173, 4.3650



1.8824, 0.9589, 0.6072

Previews

White Background



This preview shows how the XYZ color 84.8815, 90.7939, 98.6392 looks on a white background.

Color Contrast Check

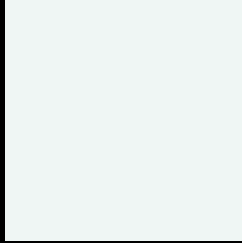
Large Text (above 18pt) WCAG AA × Fail

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 84.8815, 90.7939, 98.6392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

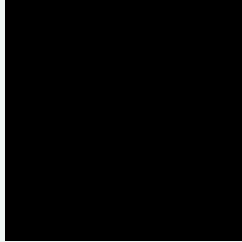
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

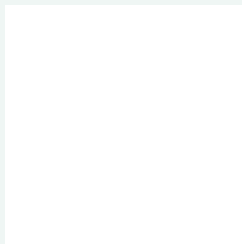
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8815, 90.7939, 98.6392

Background



This preview shows how black text looks on a background with the XYZ color 84.8815, 90.7939, 98.6392.



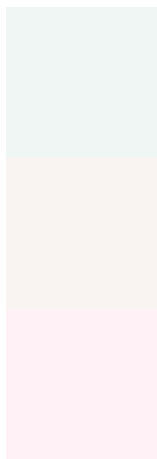
This preview shows how white text looks on a background with the XYZ color 84.8815, 90.7939,

98.6392.

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

84.8815, 90.7939, 98.6392

Protanopia

87.1445, 90.6517, 96.9089

Deuteranopia

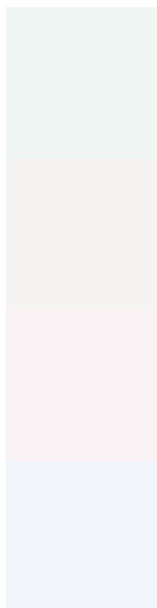
89.1767, 90.7632, 99.2051



Tritanopia

87.3628, 90.9761, 107.5634

Trichromacy



Original Color

84.8815, 90.7939, 98.6392

Protanomaly

86.1845, 90.5849, 97.7362

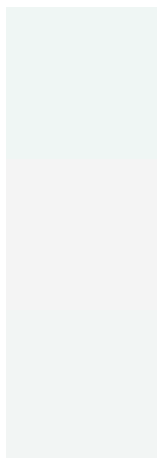
Deuteranomaly

87.5989, 90.8335, 99.3019

Tritanomaly

86.6829, 91.1471, 104.2913

Monochromacy



Original Color

84.8815, 90.7939, 98.6392

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.5995, 90.7137, 98.5859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8815, 90.7939, 98.6392 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(239, 246, 244) looks like.

```
.text, #text, p{  
    color:rgb(239, 246, 244)  
}
```

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(239, 246, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 246, 244) }
```

Border

The CSS property to change the border of an element to XYZ 84.8815, 90.7939, 98.6392 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(239, 246, 244) }
```


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

```
.border{ border-color:rgb(239, 246, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 246, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 246, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 246, 244); box-shadow:4px 4px 4px 4px rgb(239, 246, 244) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8815, 90.7939, 98.6392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 246, 244) }
```

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

```
.background{ background-color: rgb(239,  
246, 244) }
```

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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