

Converting Colors

XYZ(83.9303, 89.0471, 94.4269)

Have a look what the booklet for
XYZ(83.9303, 89.0471, 94.4269)
contains.

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Color

**XYZ(83.9062, 89.0340,
94.4243)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F3EF
RGB	241, 243, 239
RGB Percent	95%, 95%, 94%
CMY	0.0549, 0.0470, 0.0627
CMYK	0.01, 0.00, 0.02, 0.05
HSL	90°, 14%, 95%
HSV	90°, 2%, 95%
XYZ	83.9062, 89.0340, 94.4243
YIQ	241.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

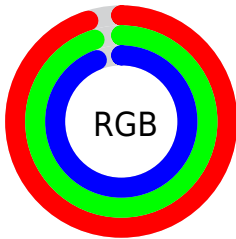
Format	Color
R _Y B	239, 243, 241
Decimal	15856623
CIE Lab	95.59, -1.36, 1.68
CIE LCh	96, 2.165, 129.062
Yxy	89.0340, 0.3138, 0.3330
Android (android.graphics.Color)	4294046703 (0xFFFF1F3EF)
YUV	241.9460, -1.4524, -0.8296
Hunter-Lab	94.3578, -6.3979, 6.7187

Details

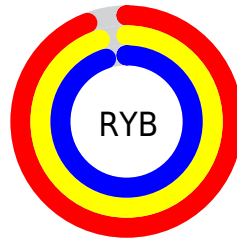
The XYZ color **83.9062, 89.0340, 94.4243** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.3233, 86.9073, 97.1819**, and the grayscale version is **84.3687, 88.7624, 96.6623**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3252, 49.2738, 51.8689** is the 20% darker color. If you saturate the color by 10%, you get **76.5407, 85.6268, 76.5823**, and if you desaturate by 10%, it is **90.6709, 92.2386, 107.6327**.

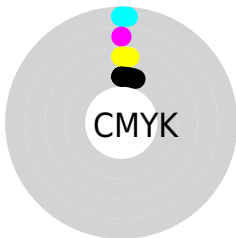
Distribution



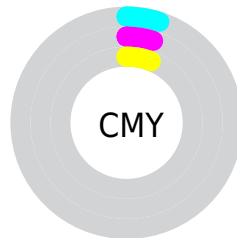
- Red (95%)
- Green (95%)
- Blue (94%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.9062, 89.0340, 94.4243 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 83.9062, 89.0340, 94.4243 by changing the saturation by 10% instead.

83.9062, 89.0340,
94.4243

83.9062, 89.0340,
94.4243

496.5401,
524.8835, 563.2575

63.2574, 67.1797,
71.0617

137.7659,
145.9958, 155.4577

46.3089, 49.2307,
51.9104

171.7075,
181.8722, 193.9656

32.6953, 34.8025,
36.5519

210.8109,
223.1914, 238.3590

22.0513, 23.5108,
24.5677

255.4412,
270.3378, 289.0565

14.0114, 14.9711,
15.5392

305.9640,
323.6958, 346.4765

8.2103, 8.7991,
9.0478

362.7444,

4.2828, 4.6104,

383.6498, 411.0376

4.6752

426.1480,
450.5843, 483.1585

■ 1.8633, 2.0205,
2.0026

■ 0.5554, 0.6194,
0.5569

■ 83.9062, 89.0340,
94.4243

■ 83.9062, 89.0340,
94.4243

■ 76.5407, 85.6268,
76.5823

■ 90.6709, 92.2386,
107.6327

■ 69.9083, 82.5414,
61.1926

■ 91.3424, 92.5847,
107.6641

■ 63.9855, 79.7707,
48.1494

■ 58.7448, 77.3029,
37.3370

■ 54.1564, 75.1254,
28.6301

■ 50.1881, 73.2248,
21.8906

■ 46.8042, 71.5859,
16.9642

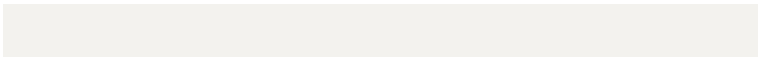
■ 43.9646, 70.1919,
13.6733

■ 41.6218, 69.0231,
11.8048

Harmonies

Analogous

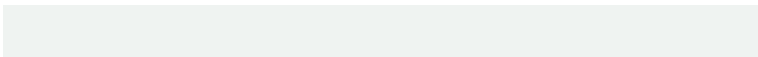
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4443, 89.0340, 93.7473



83.9062, 89.0340, 94.4243



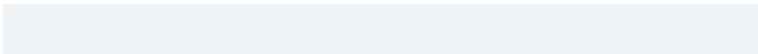
83.5615, 89.0340, 95.7782

Triad

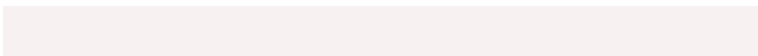
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9062, 89.0340, 94.4243



84.2165, 89.0340, 100.0312



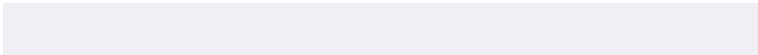
85.7575, 89.0340, 96.4284

Complementary

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



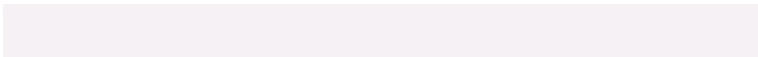
83.9062, 89.0340, 94.4243



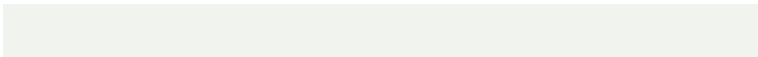
83.3233, 86.9073, 97.1819

Split Complementary

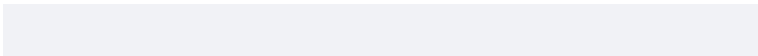
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6957, 89.0340, 98.1169



83.9062, 89.0340, 94.4243



84.8042, 89.0340, 100.2102

Square

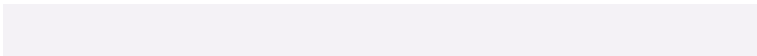
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



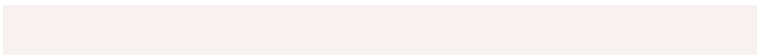
83.9062, 89.0340, 94.4243



83.7401, 89.0340, 99.0195



85.3462, 89.0340, 99.5059



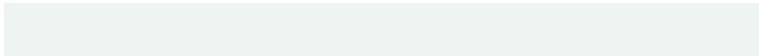
85.5144, 89.0340, 94.8955

Rectangle

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



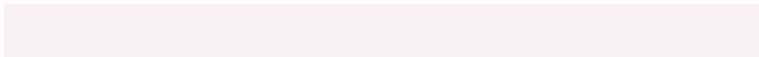
83.9062, 89.0340, 94.4243



83.4869, 89.0340, 96.8893



85.3462, 89.0340, 99.5059



85.7717, 89.0340, 96.9965

Sweetspot

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



83.9087, 89.0378, 94.4262

95.0500, 100.0000, 108.9000



84.0008, 88.2007, 94.2598



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

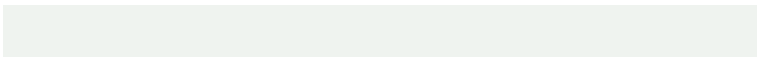
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9087, 89.0378, 94.4262



93.3066, 99.1949, 104.5890



83.2298, 88.6878, 94.3945



18.3056, 19.4500, 20.5434



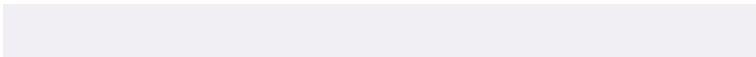
22.1011, 37.5063, 6.0746



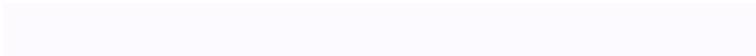
2.0610, 3.3575, 0.5394

Inverse Universe

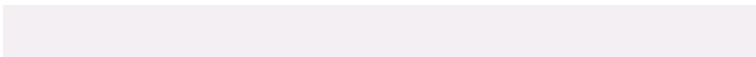
The Inverse Universe completely reimagines the original color for something new.



83.3233, 86.9073, 97.1819



92.5137, 96.3092, 108.3213



84.0097, 87.2612, 97.2140



18.1584, 18.9143, 21.2363



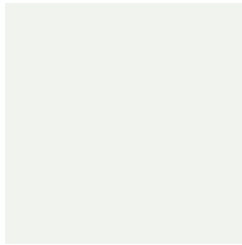
13.4119, 5.8884, 46.9677



1.2973, 0.5786, 4.1335

Previews

White Background



This preview shows how the XYZ color 83.9062, 89.0340, 94.4243 looks on a white background.

Color Contrast Check

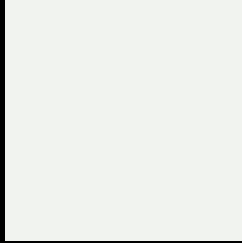
Large Text (above 18pt) WCAG AA × Fail

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 83.9062, 89.0340, 94.4243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

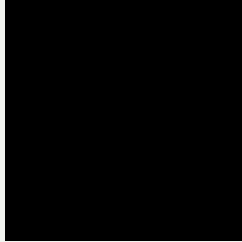
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

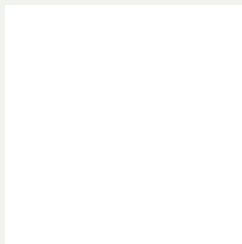
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.9062, 89.0340, 94.4243

Background



This preview shows how black text looks on a background with the XYZ color 83.9062, 89.0340, 94.4243.



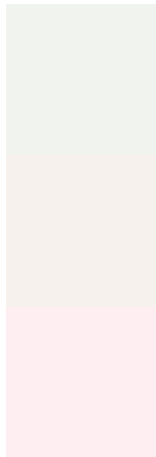
This preview shows how white text looks on a background with the XYZ color 83.9062, 89.0340,

94.4243.

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

83.9062, 89.0340, 94.4243

Protanopia

85.2457, 88.8578, 93.5473

Deuteranopia

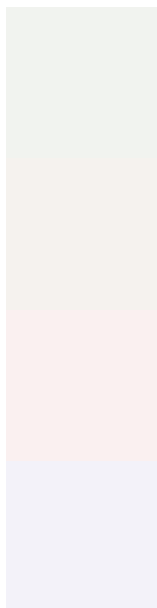
87.6917, 88.7599, 95.7296



Tritanopia

86.8135, 89.3637, 107.2811

Trichromacy



Original Color

83.9062, 89.0340, 94.4243

Protanomaly

84.8409, 89.0898, 93.6134

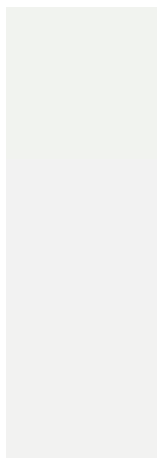
Deuteranomaly

86.3126, 88.9354, 95.0552

Tritanomaly

85.8132, 89.3985, 102.3553

Monochromacy



Original Color

83.9062, 89.0340, 94.4243

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.2473, 88.7324, 95.9058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9062, 89.0340, 94.4243 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(241, 243, 239) looks like.

```
.text, #text, p{  
    color:rgb(241, 243, 239)  
}
```

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(241, 243, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 243, 239) }
```

Border

The CSS property to change the border of an element to XYZ 83.9062, 89.0340, 94.4243 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(241, 243, 239) }
```

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

```
.border{ border-color:rgb(241, 243, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 243, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 243, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 243, 239);  
box-shadow:4px 4px 4px 4px rgb(241, 243,  
239) }
```


Background

The CSS property to change the background color of an element to XYZ 83.9062, 89.0340, 94.4243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 243, 239) }
```

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

```
.background{ background-color: rgb(241,  
243, 239) }
```

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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