

Converting Colors

XYZ(82.5453, 89.6771, 94.7843)

Have a look what the booklet for
XYZ(82.5453, 89.6771, 94.7843)
contains.

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Color

**XYZ(82.4674, 89.6360,
94.6163)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF6EF
RGB	234, 246, 239
RGB Percent	92%, 96%, 94%
CMY	0.0823, 0.0353, 0.0627
CMYK	0.05, 0.00, 0.03, 0.04
HSL	145°, 40%, 94%
HSV	145°, 5%, 96%
XYZ	82.4674, 89.6360, 94.6163
YIQ	241.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

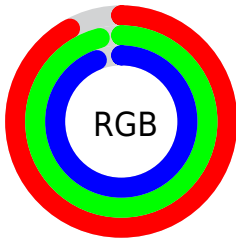
Format	Color
R _Y B	234, 242, 246
Decimal	15398639
CIE Lab	95.85, -5.20, 1.98
CIE LCh	96, 5.569, 159.125
Yxy	89.6360, 0.3092, 0.3361
Android (android.graphics.Color)	4293588719 (0xFFEAF6EF)
YUV	241.6140, -1.2887, -6.6775
Hunter-Lab	94.6763, -10.2018, 7.0210

Details

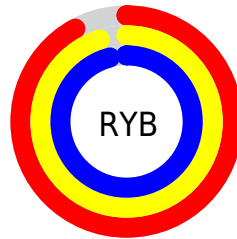
The XYZ color **82.4674, 89.6360, 94.6163** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.3093, 84.7915, 95.1989**, and the grayscale version is **84.1079, 88.4880, 96.3634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3208, 49.7108, 52.0062** is the 20% darker color. If you saturate the color by 10%, you get **72.9082, 84.9460, 83.5363**, and if you desaturate by 10%, it is **91.9838, 94.2896, 106.5771**.

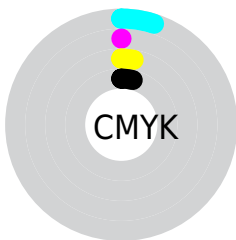
Distribution



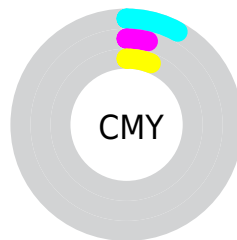
- Red (92%)
- Green (96%)
- Blue (94%)



- Red (92%)
- Yellow (95%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4674, 89.6360, 94.6163 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 82.4674, 89.6360, 94.6163 by changing the saturation by 10% instead.

82.4674, 89.6360,
94.6163

82.4674, 89.6360,
94.6163

491.8206,
526.8461, 563.8888

62.0663, 67.6788,
71.2205

135.7617,
146.8327, 155.7254

45.3421, 49.6365,
52.0393

169.3855,
182.8409, 194.2759

31.9294, 35.1246,
36.6539

208.1477,
224.3016, 238.7149

21.4628, 23.7589,
24.6460

252.4136,
271.5992, 289.4612

13.5771, 15.1549,
15.5969

302.5484,
325.1181, 346.9332

7.9069, 8.9281,
9.0881

358.9176,

4.0867, 4.6943,

385.2426, 411.5494

4.7011

421.8866,
452.3571, 483.7284

■ 1.7513, 2.0691,
2.0173

■ 0.4881, 0.6471,
0.5659

■ 82.4674, 89.6360,
94.6163

■ 82.4674, 89.6360,
94.6163

■ 72.9082, 84.9460,
83.5363

■ 91.9838, 94.2896,
106.5771

■ 64.5866, 80.8724,
73.3713

■ 92.2475, 94.3951,
107.9658

■ 57.4518, 77.3921,
64.0996

■ 51.4468, 74.4762,
55.6967

■ 46.5096, 72.0932,
48.1369

■ 42.5719, 70.2084,
41.3932

■ 39.5572, 68.7829,
35.4369

■ 37.3767, 67.7717,
30.2377

■ 35.9223, 67.1195,
25.7626

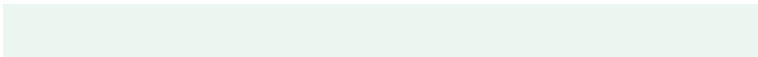
Harmonies

Analogous

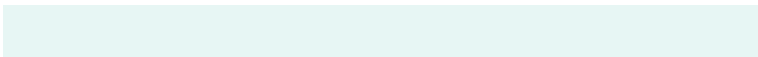
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3469, 89.6360, 91.1847



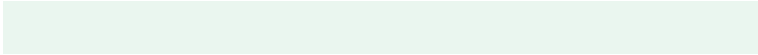
82.4674, 89.6360, 94.6163



82.3144, 89.6360, 98.9454

Triad

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



82.4674, 89.6360, 94.6163



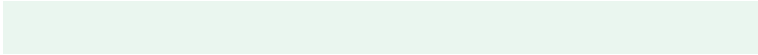
85.6654, 89.6360, 106.1871



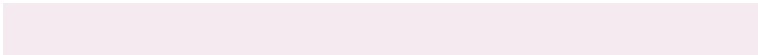
87.5073, 89.6360, 92.3595

Complementary

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



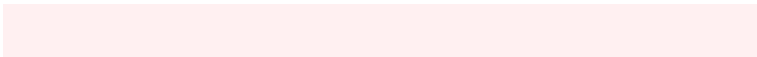
82.4674, 89.6360, 94.6163



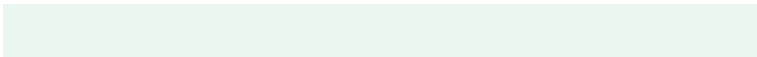
83.3093, 84.7915, 95.1989

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.



88.1447, 89.6360, 96.2636



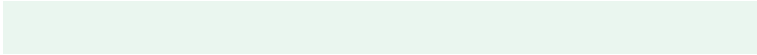
82.4674, 89.6360, 94.6163



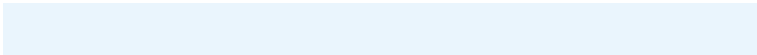
87.0729, 89.6360, 104.3059

Square

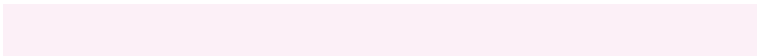
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



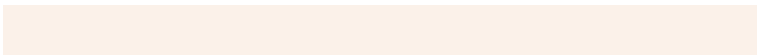
82.4674, 89.6360, 94.6163



84.1486, 89.6360, 105.7139



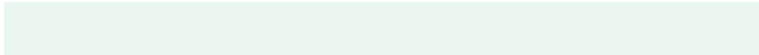
87.9848, 89.6360, 100.6424



86.2527, 89.6360, 89.9092

Rectangle

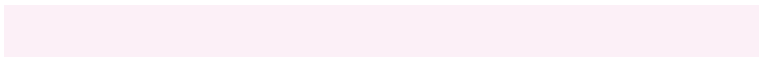
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



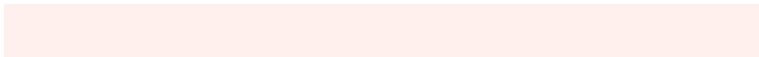
82.4674, 89.6360, 94.6163



82.6432, 89.6360, 101.7719



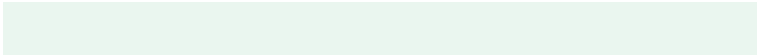
87.9848, 89.6360, 100.6424



87.8015, 89.6360, 93.5406

Sweetspot

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



82.4699, 89.6398, 94.6183



93.8794, 99.4241, 107.5997



84.1543, 90.5924, 90.8936



20.1064, 21.2869, 23.0445



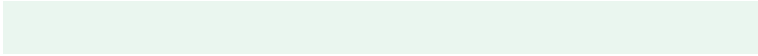
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



82.4699, 89.6398, 94.6183



88.2392, 96.6511, 101.2524



83.3414, 89.9884, 99.2074



17.1609, 18.8775, 19.6927



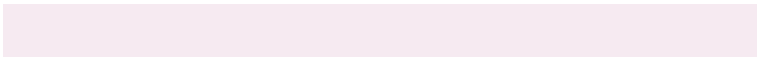
18.9492, 35.7245, 13.0181



1.7154, 3.1598, 1.4073

Inverse Universe

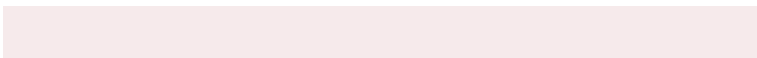
The Inverse Universe completely reimagines the original color for something new.



83.3093, 84.7915, 95.1989



89.3526, 90.2200, 102.0226



82.4559, 84.4502, 90.7049



17.4008, 17.4915, 19.8587



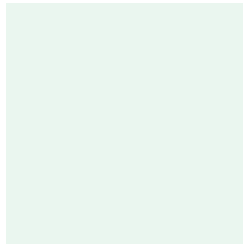
23.0256, 11.5537, 15.3751



2.0749, 1.0359, 1.6207

Previews

White Background



This preview shows how the XYZ color 82.4674, 89.6360, 94.6163 looks on a white background.

Color Contrast Check

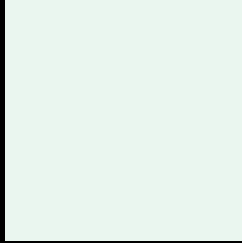
Large Text (above 18pt) WCAG AA × Fail

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 82.4674, 89.6360, 94.6163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

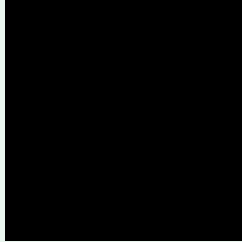
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

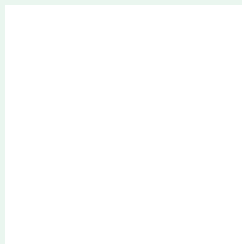
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4674, 89.6360, 94.6163

Background



This preview shows how black text looks on a background with the XYZ color 82.4674, 89.6360, 94.6163.



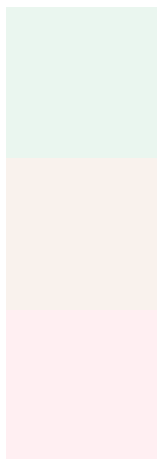
This preview shows how white text looks on a background with the XYZ color 82.4674, 89.6360,

94.6 63.

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

82.4674, 89.6360, 94.6163

Protanopia

86.1051, 89.7584, 92.9076

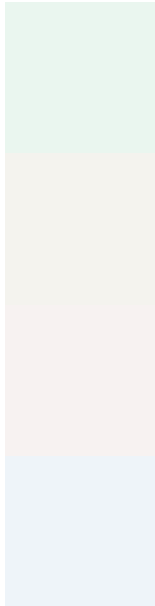
Deuteranopia

88.1335, 89.4038, 96.6159

Tritanopia

86.0358, 89.8464, 107.4153

Trichromacy



Original Color

82.4674, 89.6360, 94.6163

Protanomaly

84.7914, 89.5073, 93.6966

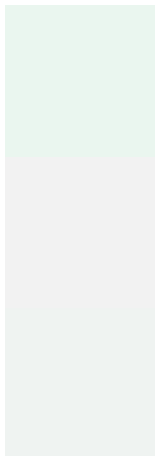
Deuteranomaly

85.9871, 89.6293, 95.9873

Tritanomaly

84.7095, 89.7181, 102.4752

Monochromacy



Original Color

82.4674, 89.6360, 94.6163

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.5244, 88.8028, 95.9575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4674, 89.6360, 94.6163 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(234, 246, 239) looks like.

```
.text, #text, p{  
    color:rgb(234, 246, 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(234, 246, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 246, 239) }
```

Border

The CSS property to change the border of an element to XYZ 82.4674, 89.6360, 94.6163 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(234, 246, 239) }
```


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

```
.border{ border-color:rgb(234, 246, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 246, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 246, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 246, 239);  
box-shadow:4px 4px 4px 4px rgb(234, 246,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4674, 89.6360, 94.6163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 246, 239) }
```

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

```
.background{ background-color: rgb(234,  
246, 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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