

Converting Colors

XYZ(86.3975, 93.0340, 95.0669)

Have a look what the booklet for
XYZ(86.3975, 93.0340, 95.0669)
contains.

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Color

**XYZ(86.4178, 93.0380,
95.0648)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F9EF
RGB	243, 249, 239
RGB Percent	95%, 98%, 94%
CMY	0.0471, 0.0235, 0.0627
CMYK	0.02, 0.00, 0.04, 0.02
HSL	96°, 45%, 96%
HSV	96°, 4%, 98%
XYZ	86.4178, 93.0380, 95.0648
YIQ	246.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

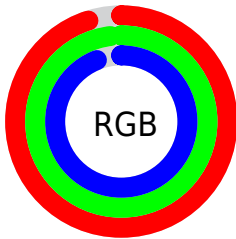
Format	Color
R _Y B	239, 249, 245
Decimal	15989231
CIE Lab	97.24, -3.73, 4.09
CIE LCh	97, 5.538, 132.349
Yxy	93.0380, 0.3148, 0.3389
Android (android.graphics.Color)	4294179311 (0xFF3F9EF)
YUV	246.0660, -3.4835, -2.6889
Hunter-Lab	96.4562, -8.8752, 9.0846

Details

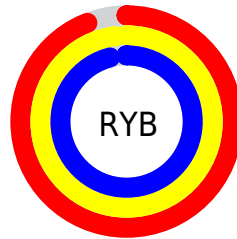
The XYZ color **86.4178, 93.0380, 95.0648** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.6251, 87.9876, 102.0976**, and the grayscale version is **87.6805, 92.2467, 100.4567**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1107, 52.1236, 52.3249** is the 20% darker color. If you saturate the color by 10%, you get **78.0408, 89.1184, 76.7745**, and if you desaturate by 10%, it is **93.1675, 96.2349, 108.2725**.

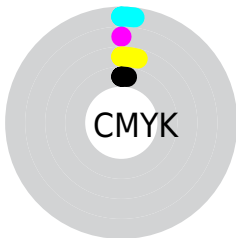
Distribution



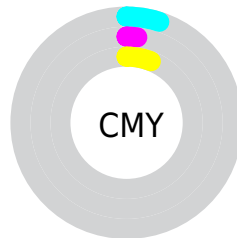
- Red (95%)
- Green (98%)
- Blue (94%)



- Red (94%)
- Yellow (98%)
- Blue (96%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)





- Cyan (5%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.4178, 93.0380, 95.0648 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 86.4178, 93.0380, 95.0648 by changing the saturation by 10% instead.


 86.4178, 93.0380,
95.0648

 86.4178, 93.0380,
95.0648


504.7211,
537.8646, 565.3620

 65.3399, 70.5031,
71.5917

141.2562,
151.5512, 156.3505

 48.0025, 51.9368,
52.3404


175.7475,
188.2983, 195.0002

 34.0401, 36.9547,
36.8924


215.4406,
230.5516, 239.5458

 23.0875, 25.1724,
24.8290

260.7009,
278.6955, 290.4059

 14.7792, 16.2056,
15.7319

311.8937,
333.1143, 347.9990

 8.7498, 9.6697,
9.1823

369.3845,

 4.6342, 5.1805,

394.1925, 412.7438

4.7619

433.5385,
462.3145, 485.0586

■ 2.0668, 2.3536,
2.0519

■ 0.6711, 0.8018,
0.5869

■ 86.4178, 93.0380,
95.0648

■ 86.4178, 93.0380,
95.0648

■ 78.0408, 89.1184,
76.7745

■ 93.1675, 96.2349,
108.2725

■ 70.5575, 85.6006,
61.0622

■ 63.9380, 82.4745,
47.8135

■ 58.1480, 79.7252,
36.9032

■ 53.1505, 77.3364,
28.1950

■ 48.9053, 75.2909,
21.5385

■ 45.3681, 73.5694,
16.7644

■ 42.4886, 72.1503,
13.6765

■ 40.2078, 71.0085,
12.0349

Harmonies

Analogous

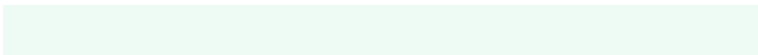
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7877, 93.0380, 93.1135



86.4178, 93.0380, 95.0648



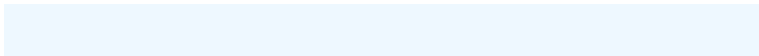
85.5927, 93.0380, 98.7114

Triad

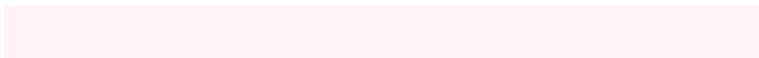
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4178, 93.0380, 95.0648



87.5204, 93.0380, 109.7404



91.4026, 93.0380, 99.4703

Complementary

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



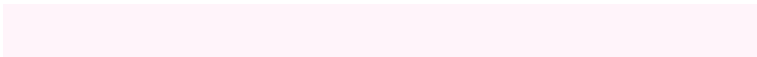
86.4178, 93.0380, 95.0648



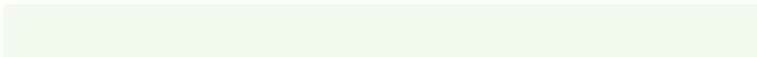
85.6251, 87.9876, 102.0976

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.



91.3290, 93.0380, 103.9387



86.4178, 93.0380, 95.0648



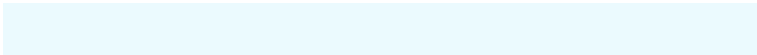
89.0751, 93.0380, 109.9582

Square

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



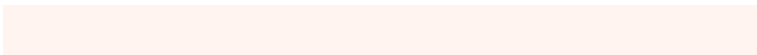
86.4178, 93.0380, 95.0648



86.2241, 93.0380, 107.2208



90.4728, 93.0380, 107.8074



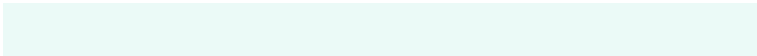
90.6729, 93.0380, 95.6062

Rectangle

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



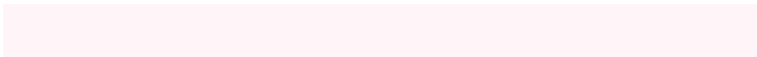
86.4178, 93.0380, 95.0648



85.4566, 93.0380, 101.6563



90.4728, 93.0380, 107.8074



91.4712, 93.0380, 100.9497

Sweetspot

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



86.4204, 93.0420, 95.0668



94.0813, 99.5477, 106.7258



87.3029, 91.6803, 94.7575



20.1475, 21.3121, 22.8666



0.0000, 0.0000, 0.0000



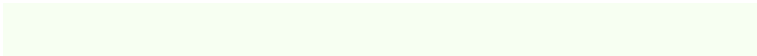
20.3446, 21.4041, 23.3091

Same Dimension

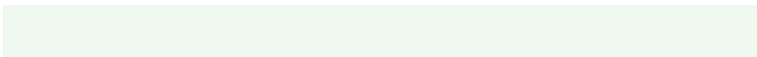
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4204, 93.0420, 95.0668



90.3051, 97.7832, 98.3159



85.2032, 92.3974, 95.7836



18.3732, 19.9750, 19.8568



21.0696, 37.7801, 6.1818



2.0674, 3.5589, 0.5780

Inverse Universe

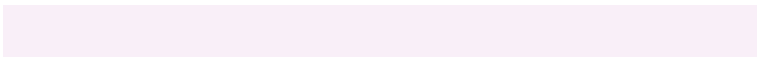
The Inverse Universe completely reimagines the original color for something new.



85.6251, 87.9876, 102.0976



89.2660, 91.1792, 107.5023



86.8801, 88.6525, 101.3439



18.1320, 18.4419, 21.9893



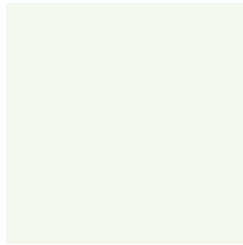
15.9958, 7.1888, 48.5181



1.6011, 0.7274, 4.4992

Previews

White Background



This preview shows how the XYZ color 86.4178, 93.0380, 95.0648 looks on a white background.

Color Contrast Check

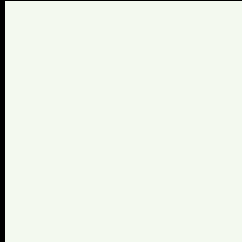
Large Text (above 18pt) WCAG AA × Fail

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 86.4178, 93.0380, 95.0648 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

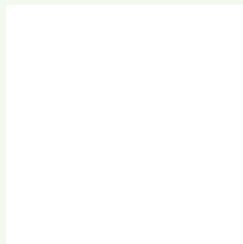
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.4178, 93.0380, 95.0648

Background



This preview shows how black text looks on a background with the XYZ color 86.4178, 93.0380, 95.0648.



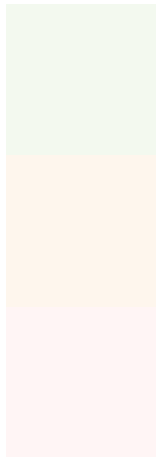
This preview shows how white text looks on a background with the XYZ color 86.4178, 93.0380,

95.0648.

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

86.4178, 93.0380, 95.0648

Protanopia

89.1149, 93.0968, 93.3934

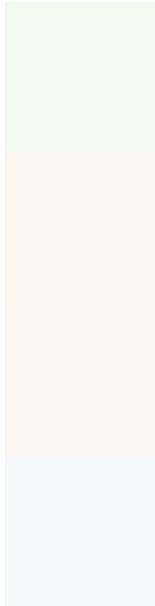
Deuteranopia

90.3738, 93.1574, 99.6042

Tritanopia

89.3635, 92.9057, 107.8304

Trichromacy



Original Color

86.4178, 93.0380, 95.0648

Protanomaly

88.1177, 93.0186, 94.1990

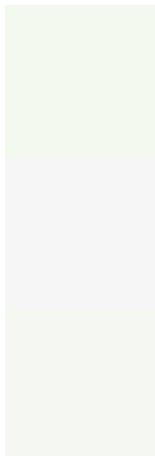
Deuteranomaly

88.9171, 92.8918, 98.0375

Tritanomaly

88.3657, 92.9539, 102.9071

Monochromacy



Original Color

86.4178, 93.0380, 95.0648

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.0946, 92.4051, 98.0396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.4178, 93.0380, 95.0648 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(243, 249, 239) looks like.

```
.text, #text, p{  
    color:rgb(243, 249, 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(243, 249, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 249, 239) }
```

Border

The CSS property to change the border of an element to XYZ 86.4178, 93.0380, 95.0648 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(243, 249, 239) }
```


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

```
.border{ border-color:rgb(243, 249, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 249, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 249, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 249, 239);  
box-shadow:4px 4px 4px 4px rgb(243, 249,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 86.4178, 93.0380, 95.0648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 249, 239) }
```

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

```
.background{ background-color: rgb(243,  
249, 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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