

Converting Colors

XYZ(87.2678, 94.1518, 95.1205)

Have a look what the booklet for
XYZ(87.2678, 94.1518, 95.1205)
contains.

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Color

**XYZ(87.0738, 93.8363,
95.1843)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FAEF
RGB	244, 250, 239
RGB Percent	96%, 98%, 94%
CMY	0.0431, 0.0196, 0.0627
CMYK	0.02, 0.00, 0.04, 0.02
HSL	93°, 52%, 96%
HSV	93°, 4%, 98%
XYZ	87.0738, 93.8363, 95.1843
YIQ	246.9520, -0.0450, -4.6930

Conversions

Conversions Part 2

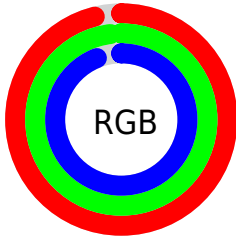
Format	Color
R _Y B	239, 250, 245
Decimal	16055023
CIE Lab	97.57, -3.90, 4.57
CIE LCh	98, 6.007, 130.480
Yxy	93.8363, 0.3154, 0.3399
Android (android.graphics.Color)	4294245103 (0xFF4FAEF)
YUV	246.9520, -3.9203, -2.5889
Hunter-Lab	96.8691, -9.0708, 9.5496

Details

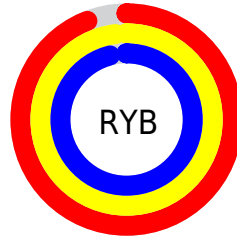
The XYZ color **87.0738, 93.8363, 95.1843** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7817, 88.0502, 102.9215**, and the grayscale version is **88.4023, 93.0061, 101.2836**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.5781, 52.6938, 52.4103** is the 20% darker color. If you saturate the color by 10%, you get **79.0738, 90.1125, 76.8450**, and if you desaturate by 10%, it is **93.4774, 96.8549, 108.3758**.

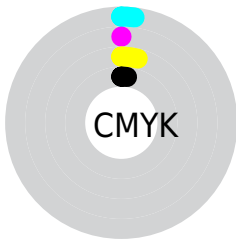
Distribution



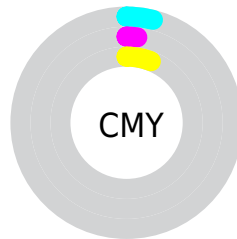
- Red (96%)
- Green (98%)
- Blue (94%)



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



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





- Cyan (4%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.0738, 93.8363, 95.1843 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 87.0738, 93.8363, 95.1843 by changing the saturation by 10% instead.


 87.0738, 93.8363,
95.1843

 87.0738, 93.8363,
95.1843


506.8463,
540.4328, 565.7542

 65.8845, 71.1668,
71.6906


142.1661,
152.6559, 156.5170

 48.4460, 52.4783,
52.4207


176.7999,
189.5748, 195.1931

 34.3930, 37.3865,
36.9560


216.6459,
232.0124, 239.7670

 23.3600, 25.5069,
24.8779

262.0694,
280.3529, 290.6575

 14.9817, 16.4551,
15.7679

313.4358,
334.9808, 348.2828

 8.8928, 9.8468,
9.2075

371.1106,

 4.7278, 5.2975,

396.2805, 413.0617

4.7781

435.4589,
464.6363, 485.4127

■ 2.1216, 2.4228,
2.0612

■ 0.7009, 0.8376,
0.5925

■ 87.0738, 93.8363,
95.1843

■ 87.0738, 93.8363,
95.1843

■ 79.0738, 90.1125,
76.8450

■ 93.4774, 96.8549,
108.3758

■ 71.9043, 86.7575,
61.1006

■ 65.5376, 83.7624,
47.8355

■ 59.9417, 81.1134,
36.9231

■ 55.0822, 78.7957,
28.2252

■ 50.9214, 76.7933,
21.5896

■ 47.4177, 75.0885,
16.8445

■ 44.5238, 73.6612,
13.7906

■ 42.1834, 72.4878,
12.1836

Harmonies

Analogous

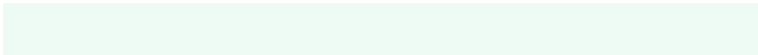
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5926, 93.8363, 93.2006



87.0738, 93.8363, 95.1843



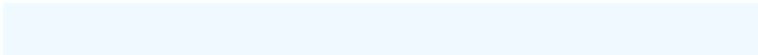
86.1293, 93.8363, 99.0617

Triad

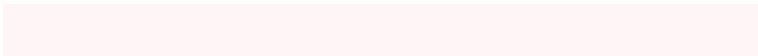
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0738, 93.8363, 95.1843



88.0959, 93.8363, 111.2943



92.4566, 93.8363, 100.4707

Complementary

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



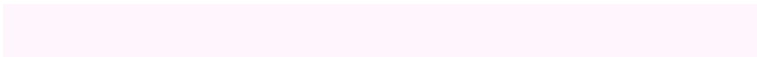
87.0738, 93.8363, 95.1843



85.7817, 88.0502, 102.9215

Split Complementary

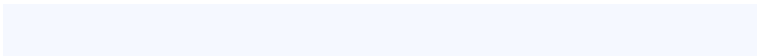
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3195, 93.8363, 105.3463



87.0738, 93.8363, 95.1843



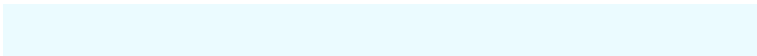
89.7872, 93.8363, 111.7009

Square

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



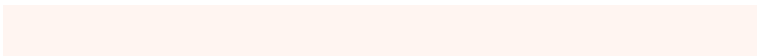
87.0738, 93.8363, 95.1843



86.7142, 93.8363, 108.3993



91.3373, 93.8363, 109.4931



91.7096, 93.8363, 96.1875

Rectangle

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



87.0738, 93.8363, 95.1843



85.9452, 93.8363, 102.2506



91.3373, 93.8363, 109.4931



92.5126, 93.8363, 102.0929

Sweetspot

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



87.0764, 93.8403, 95.1863



94.1320, 99.5739, 106.7282



87.6200, 91.7838, 94.7607



20.1578, 21.3174, 22.8671



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

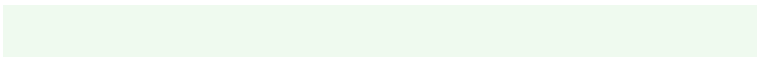
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0764, 93.8403, 95.1863



90.5512, 97.9101, 98.3274



85.4192, 92.9797, 95.3920



18.4303, 20.0044, 19.8595



21.9464, 38.2321, 6.2228



2.1530, 3.6030, 0.5820

Inverse Universe

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



85.7817, 88.0502, 102.9215



89.0174, 91.0510, 107.4906



87.4923, 88.9387, 102.7016



18.0743, 18.4121, 21.9866



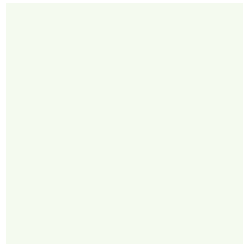
14.7424, 6.5427, 48.4594



1.4876, 0.6690, 4.4939

Previews

White Background



This preview shows how the XYZ color 87.0738, 93.8363, 95.1843 looks on a white background.

Color Contrast Check

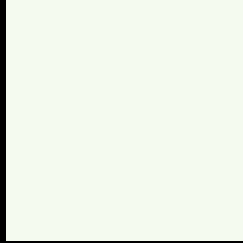
Large Text (above 18pt) WCAG AA × Fail

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 87.0738, 93.8363, 95.1843 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

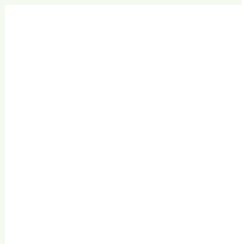
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.0738, 93.8363, 95.1843

Background



This preview shows how black text looks on a background with the XYZ color 87.0738, 93.8363, 95.1843.



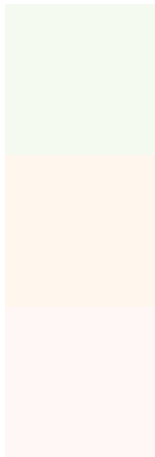
This preview shows how white text looks on a background with the XYZ color 87.0738, 93.8363,

95.143.

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

87.0738, 93.8363, 95.1843

Protanopia

89.7868, 93.8960, 93.5122

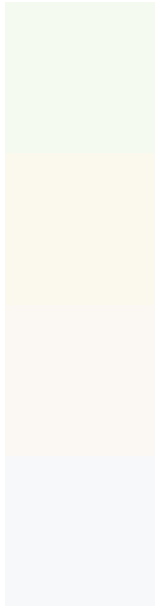
Deuteranopia

90.8303, 93.8254, 100.5116

Tritanopia

90.0222, 93.6980, 107.9486

Trichromacy



Original Color

87.0738, 93.8363, 95.1843

Protanomaly

88.7837, 93.8171, 94.3180

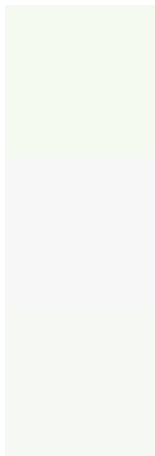
Deuteranomaly

89.2221, 93.5018, 98.1392

Tritanomaly

89.0241, 93.7485, 103.0257

Monochromacy



Original Color

87.0738, 93.8363, 95.1843

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.9026, 93.2593, 98.9558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0738, 93.8363, 95.1843 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, 250, 239) looks like.

```
.text, #text, p{  
    color:rgb(244, 250, 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(244, 250, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 250, 239) }
```

Border

The CSS property to change the border of an element to XYZ 87.0738, 93.8363, 95.1843 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, 250, 239) }
```


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

```
.border{ border-color:rgb(244, 250, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 250, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 250, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 250, 239);  
box-shadow:4px 4px 4px 4px rgb(244, 250,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 87.0738, 93.8363, 95.1843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 250, 239) }
```

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

```
.background{ background-color: rgb(244,  
250, 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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