

Converting Colors

XYZ(85.5248, 90.8925, 97.0417)

Have a look what the booklet for
XYZ(85.5248, 90.8925, 97.0417)
contains.

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Color

**XYZ(85.2974, 90.5929,
96.9949)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F5F2
RGB	242, 245, 242
RGB Percent	95%, 96%, 95%
CMY	0.0510, 0.0392, 0.0510
CMYK	0.01, 0.00, 0.01, 0.04
HSL	120°, 13%, 95%
HSV	120°, 1%, 96%
XYZ	85.2974, 90.5929, 96.9949
YIQ	243.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

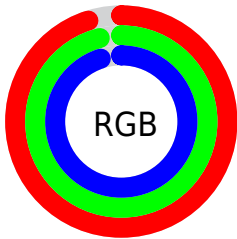
Format	Color
R _Y B	242, 245, 245
Decimal	15922674
CIE Lab	96.24, -1.52, 1.08
CIE LCh	96, 1.865, 144.534
Yxy	90.5929, 0.3126, 0.3320
Android (android.graphics.Color)	4294112754 (0xFF2F5F2)
YUV	243.7610, -0.8682, -1.5444
Hunter-Lab	95.1803, -6.5998, 6.2059

Details

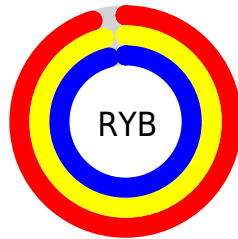
The XYZ color **85.2974, 90.5929, 96.9949** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.8932, 89.5117, 99.1413**, and the grayscale version is **85.8075, 90.2762, 98.3107**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3102, 50.3795, 53.6851** is the 20% darker color. If you saturate the color by 10%, you get **74.0083, 85.1729, 78.5275**, and if you desaturate by 10%, it is **91.9442, 93.7883, 107.8647**.

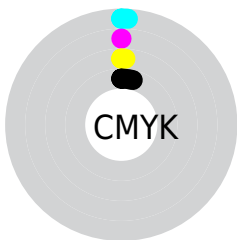
Distribution



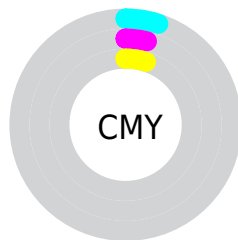
- Red (95%)
- Green (96%)
- Blue (95%)



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



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



- Cyan (5%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2974, 90.5929, 96.9949 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 85.2974, 90.5929, 96.9949 by changing the saturation by 10% instead.

85.2974, 90.5929,
96.9949

85.2974, 90.5929,
96.9949

501.0805,
529.9576, 571.6786

64.4105, 68.4725,
73.1904

139.7005,
148.1617, 159.0370

47.2461, 50.2822,
53.6389

173.9474,
184.3789, 198.1117

33.4390, 35.6377,
37.9218

213.3783,
226.0637, 243.1135

22.6238, 24.1545,
25.6207

258.3585,
273.6007, 294.4610

14.4352, 15.4483,
16.3169

309.2535,
327.3742, 352.5727

8.5077, 9.1346,
9.5919

366.4286,

4.4760, 4.8291,

387.7686, 417.8672

5.0272

430.2492,
455.1683, 490.7629

■ 1.9748, 2.1473,
2.2042

■ 0.6197, 0.6910,
0.6768

■ 85.2974, 90.5929,
96.9949

■ 85.2974, 90.5929,
96.9949

■ 74.0083, 85.1729,
78.5275

■ 91.9442, 93.7883,
107.8647

■ 64.2724, 80.4962,
62.6025

■ 56.0239, 76.5340,
49.1107

■ 49.1897, 73.2512,
37.9321

■ 43.6905, 70.6096,
28.9370

■ 39.4389, 68.5674,
21.9827

■ 36.3373, 67.0776,
16.9095

■ 34.2739, 66.0864,
13.5342

■ 33.1141, 65.5293,
11.6371

Harmonies

Analogous

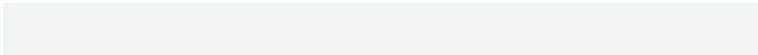
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6930, 90.5929, 96.0687



85.2974, 90.5929, 96.9949



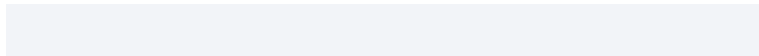
85.1184, 90.5929, 98.3689

Triad

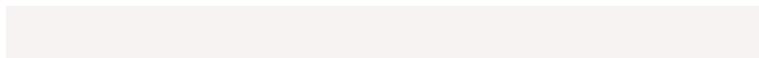
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2974, 90.5929, 96.9949



86.0110, 90.5929, 101.5063



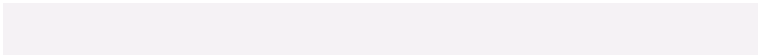
87.0148, 90.5929, 97.4609

Complementary

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



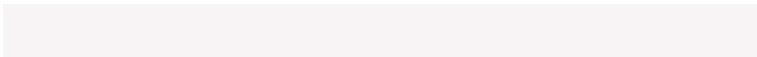
85.2974, 90.5929, 96.9949



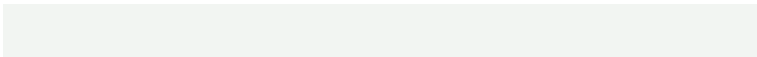
85.8932, 89.5117, 99.1413

Split Complementary

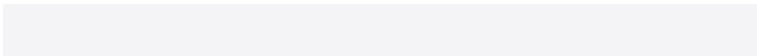
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1008, 90.5929, 98.9122



85.2974, 90.5929, 96.9949



86.5200, 90.5929, 101.2573

Square

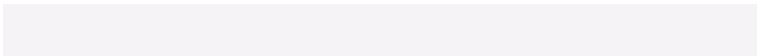
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



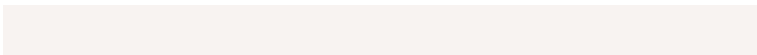
85.2974, 90.5929, 96.9949



85.5294, 90.5929, 100.9811



86.9194, 90.5929, 100.3041



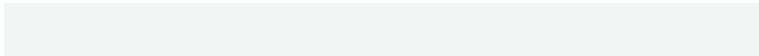
86.6849, 90.5929, 96.3359

Rectangle

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



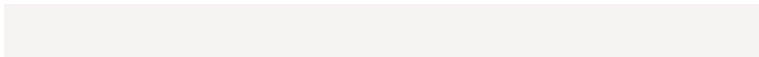
85.2974, 90.5929, 96.9949



85.1456, 90.5929, 99.3576



86.9194, 90.5929, 100.3041



87.0733, 90.5929, 97.9264

Sweetspot

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



85.3000, 90.5968, 96.9969

95.0500, 100.0000, 108.9000



86.3397, 91.1328, 97.0455



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

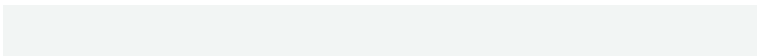
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3000, 90.5968, 96.9969



93.7102, 99.3564, 106.7085



85.5266, 90.6874, 98.1901



18.3806, 19.4800, 20.9371



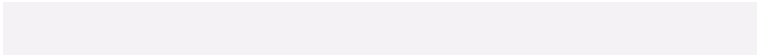
17.5905, 35.1811, 5.8636



1.5460, 3.0921, 0.5154

Inverse Universe

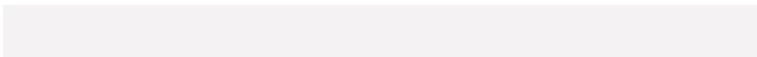
The Inverse Universe completely reimagines the original color for something new.



85.8932, 89.5117, 99.1413



94.2419, 98.3838, 108.6306



85.6647, 89.4203, 97.9383



18.4793, 19.2995, 21.2938



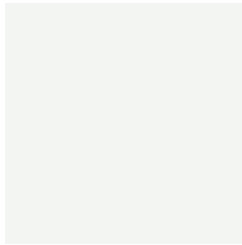
29.1648, 14.0094, 47.7036



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 85.2974, 90.5929, 96.9949 looks on a white background.

Color Contrast Check

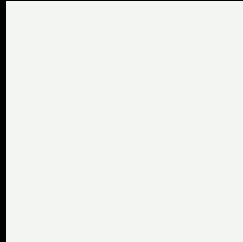
Large Text (above 18pt) WCAG AA × Fail

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 85.2974, 90.5929, 96.9949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

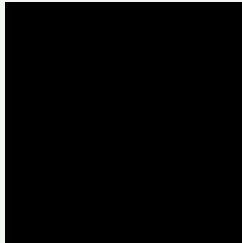
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

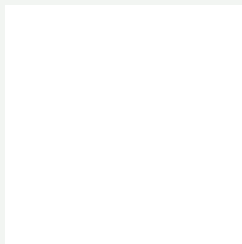
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2974, 90.5929, 96.9949

Background



This preview shows how black text looks on a background with the XYZ color 85.2974, 90.5929, 96.9949.



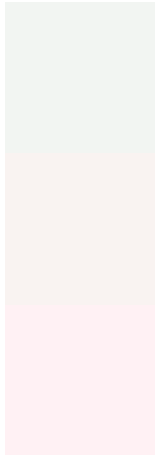
This preview shows how white text looks on a background with the XYZ color 85.2974, 90.5929, 96.9949.

96.9949.

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

85.2974, 90.5929, 96.9949

Protanopia

86.9947, 90.5918, 96.1199

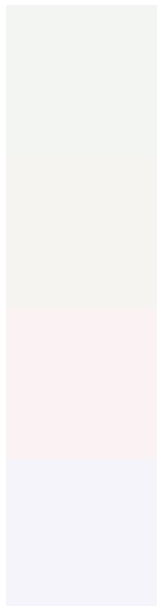
Deuteranopia

89.0244, 90.7022, 98.4031

Tritanopia

87.7568, 90.7337, 107.4958

Trichromacy



Original Color

85.2974, 90.5929, 96.9949

Protanomaly

86.2339, 90.6451, 96.1703

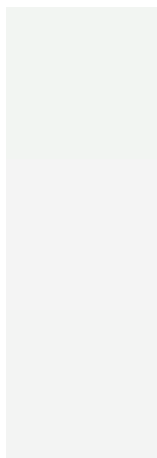
Deuteranomaly

87.3541, 90.2993, 97.6195

Tritanomaly

86.9142, 90.8366, 103.3948

Monochromacy



Original Color

85.2974, 90.5929, 96.9949

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.4905, 90.2271, 97.7038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2974, 90.5929, 96.9949 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(242, 245, 242) looks like.

```
.text, #text, p{  
    color:rgb(242, 245, 242)  
}
```

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(242, 245, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 245, 242) }
```

Border

The CSS property to change the border of an element to XYZ 85.2974, 90.5929, 96.9949 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(242, 245, 242) }
```

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

```
.border{ border-color:rgb(242, 245, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 245, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 245, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 245, 242);  
box-shadow:4px 4px 4px 4px rgb(242, 245,  
242) }
```


Background

The CSS property to change the background color of an element to XYZ 85.2974, 90.5929, 96.9949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 245, 242) }
```

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

```
.background{ background-color: rgb(242,  
245, 242) }
```

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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