

Converting Colors

XYZ(85.0574, 91.1258, 92.9769)

Have a look what the booklet for
XYZ(85.0574, 91.1258, 92.9769)
contains.

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Color

**XYZ(84.8598, 90.9032,
93.1942)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F6ED
RGB	242, 246, 237
RGB Percent	95%, 96%, 93%
CMY	0.0510, 0.0353, 0.0706
CMYK	0.02, 0.00, 0.04, 0.04
HSL	87°, 33%, 95%
HSV	87°, 4%, 96%
XYZ	84.8598, 90.9032, 93.1942
YIQ	243.7780, 0.5050, -3.6470

Conversions

Conversions Part 2

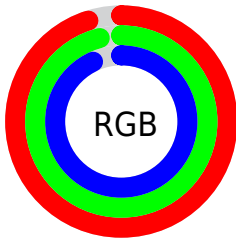
Format	Color
RYB	237, 246, 241
Decimal	15922925
CIELab	96.37, -2.90, 3.85
CIELCh	96, 4.818, 126.959
Yxy	90.9032, 0.3155, 0.3380
Android (android.graphics.Color)	4294113005 (0xFFFF2F6ED)
YUV	243.7780, -3.3416, -1.5593
Hunter-Lab	95.3432, -7.9773, 8.7866

Details

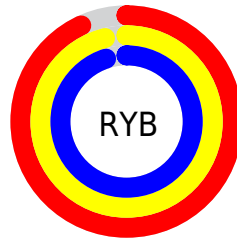
The XYZ color **84.8598, 90.9032, 93.1942** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.1978, 85.9254, 99.3937**, and the grayscale version is **85.8394, 90.3098, 98.3473**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0036, 50.6022, 51.0059** is the 20% darker color. If you saturate the color by 10%, you get **77.8667, 87.6880, 75.3744**, and if you desaturate by 10%, it is **91.4943, 94.0068, 107.9306**.

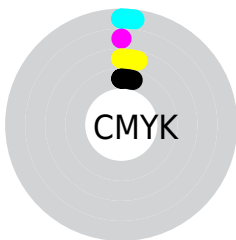
Distribution



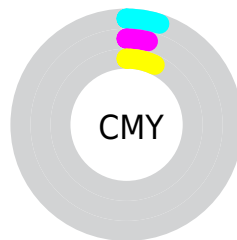
- Red (95%)
- Green (96%)
- Blue (93%)



- Red (93%)
- Yellow (96%)
- Blue (95%)



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



- Cyan (5%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8598, 90.9032, 93.1942 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 84.8598, 90.9032, 93.1942 by changing the saturation by 10% instead.

84.8598, 90.9032,
93.1942

84.8598, 90.9032,
93.1942

499.6547,
530.9646, 559.2036

64.0476, 68.7300,
70.0444

139.0923,
148.5923, 153.7415

46.9511, 50.4919,
51.0857

173.2434,
184.8771, 191.9760

33.2048, 35.8044,
35.8996

212.5715,
226.6344, 236.0758

22.4434, 24.2831,
24.0676

257.4420,
274.2488, 286.4595

14.3015, 15.5438,
15.1711

308.2202,
328.1046, 343.5456

8.4137, 9.2019,
8.7916

365.2714,

4.4148, 4.8731,

388.5863, 407.7526

4.5105

428.9612,
456.0781, 479.4991

■ 1.9394, 2.1730,
1.9094

■ 0.5996, 0.7052,
0.4987

■ 84.8598, 90.9032,
93.1942

■ 84.8598, 90.9032,
93.1942

■ 77.8667, 87.6880,
75.3744

■ 91.4943, 94.0068,
107.9306

■ 71.5651, 84.7719,
60.0550

■ 92.2475, 94.3951,
107.9658

■ 65.9321, 82.1483,
47.1256

■ 60.9408, 79.8060,
36.4651

■ 56.5620, 77.7327,
27.9420

■ 52.7637, 75.9153,
21.4113

■ 49.5105, 74.3389,
16.7097

■ 46.7620, 72.9869,
13.6484

■ 44.4696, 71.8393,
11.9971

Harmonies

Analogous

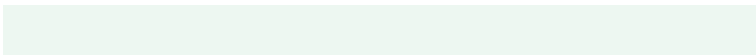
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0887, 90.9032, 91.8278



84.8598, 90.9032, 93.1942



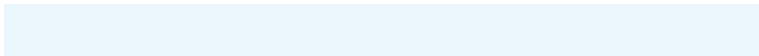
84.0498, 90.9032, 96.1161

Triad

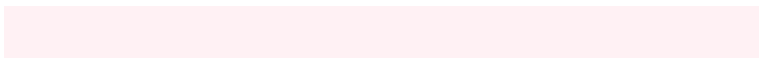
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8598, 90.9032, 93.1942



85.3956, 90.9032, 105.9299



88.9855, 90.9032, 98.0861

Complementary

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



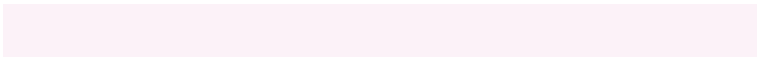
84.8598, 90.9032, 93.1942



83.1978, 85.9254, 99.3937

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.



88.7952, 90.9032, 101.8964



84.8598, 90.9032, 93.1942



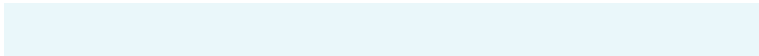
86.7135, 90.9032, 106.4903

Square

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



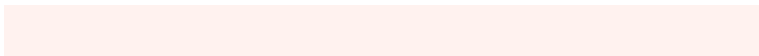
84.8598, 90.9032, 93.1942



84.3568, 90.9032, 103.4846



87.9603, 90.9032, 104.9966



88.4774, 90.9032, 94.6045

Rectangle

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



84.8598, 90.9032, 93.1942



83.8516, 90.9032, 98.5870



87.9603, 90.9032, 104.9966



89.0011, 90.9032, 99.3703

Sweetspot

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



84.8623, 90.9071, 93.1962



94.2261, 99.6224, 106.7326



84.7211, 88.5619, 92.7509



20.1770, 21.3273, 22.8680



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

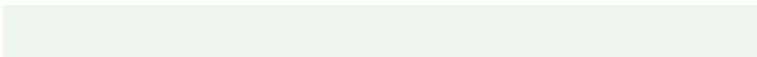
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8623, 90.9071, 93.1962



91.8017, 98.5102, 100.4021



83.3702, 90.1379, 93.1263



17.8786, 19.2551, 19.3828



23.2263, 38.0864, 6.1273



2.1595, 3.4083, 0.5441

Inverse Universe

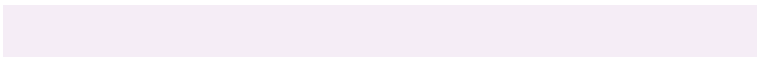
The Inverse Universe completely reimagines the original color for something new.



83.1978, 85.9254, 99.3937



89.8287, 92.6054, 107.7479



84.7180, 86.7090, 99.4649



17.4234, 17.8926, 21.0779



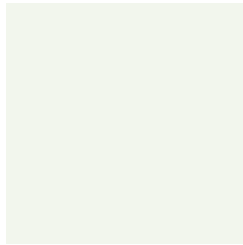
12.4270, 5.3807, 46.9216



1.2085, 0.5328, 4.1294

Previews

White Background



This preview shows how the XYZ color 84.8598, 90.9032, 93.1942 looks on a white background.

Color Contrast Check

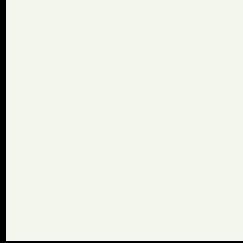
Large Text (above 18pt) WCAG AA × Fail

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 84.8598, 90.9032, 93.1942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

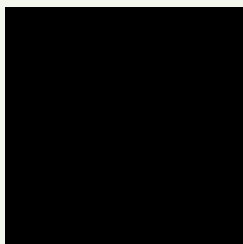
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

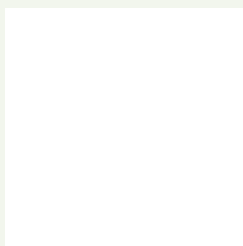
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8598, 90.9032, 93.1942

Background



This preview shows how black text looks on a background with the XYZ color 84.8598, 90.9032, 93.1942.



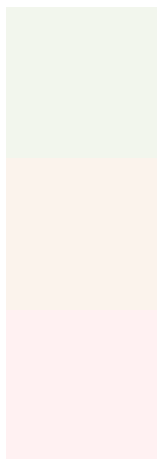
This preview shows how white text looks on a background with the XYZ color 84.8598, 90.9032,

93.1942.

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

84.8598, 90.9032, 93.1942

Protanopia

86.9746, 90.6665, 92.2732

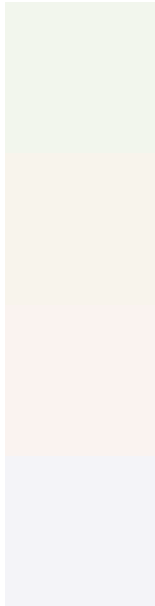
Deuteranopia

88.7223, 90.5814, 96.8122

Tritanopia

87.7568, 90.7337, 107.4958

Trichromacy



Original Color

84.8598, 90.9032, 93.1942

Protanomaly

86.2024, 90.7140, 92.3231

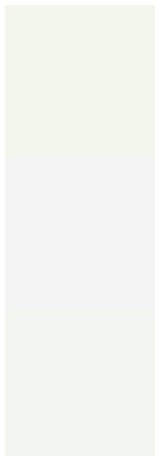
Deuteranomaly

87.2031, 90.7164, 95.3520

Tritanomaly

86.6022, 90.7118, 101.7516

Monochromacy



Original Color

84.8598, 90.9032, 93.1942

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.4917, 90.7104, 96.2220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8598, 90.9032, 93.1942 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, 246, 237) looks like.

```
.text, #text, p{  
    color:rgb(242, 246, 237)  
}
```

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, 246, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 246, 237) }
```

Border

The CSS property to change the border of an element to XYZ 84.8598, 90.9032, 93.1942 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, 246, 237) }
```


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

```
.border{ border-color:rgb(242, 246, 237) }
```

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

Here you see how a box with a 4 pixel rgb(242, 246, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 246, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 246, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 246,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8598, 90.9032, 93.1942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 246, 237) }
```

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

```
.background{ background-color: rgb(242,  
246, 237) }
```

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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