

Converting Colors

XYZ(85.8730, 92.1033, 94.0243)

Have a look what the booklet for
XYZ(85.8730, 92.1033, 94.0243)
contains.

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Color

**XYZ(85.9622, 92.3625,
94.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F8EE
RGB	243, 248, 238
RGB Percent	95%, 97%, 93%
CMY	0.0471, 0.0274, 0.0667
CMYK	0.02, 0.00, 0.04, 0.03
HSL	90°, 42%, 95%
HSV	90°, 4%, 97%
XYZ	85.9622, 92.3625, 94.1860
YIQ	245.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

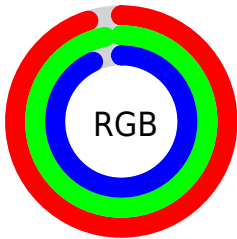
Format	Color
R _Y B	238, 248, 243
Decimal	15988974
CIE Lab	96.97, -3.40, 4.21
CIE LCh	97, 5.411, 128.917
Yxy	92.3625, 0.3154, 0.3389
Android (android.graphics.Color)	4294179054 (0xFFFF3F8EE)
YUV	245.3650, -3.6309, -2.0741
Hunter-Lab	96.1054, -8.5238, 9.1679

Details

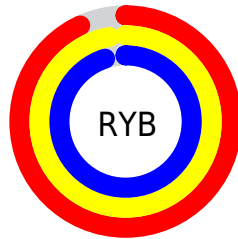
The XYZ color **85.9622, 92.3625, 94.1860** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.4834, 86.9835, 101.1484**, and the grayscale version is **87.1153, 91.6521, 99.8092**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7867, 51.6415, 51.7051** is the 20% darker color. If you saturate the color by 10%, you get **78.4298, 88.8745, 76.1056**, and if you desaturate by 10%, it is **92.8592, 95.6183, 108.1697**.

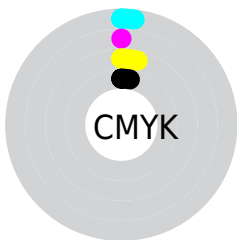
Distribution



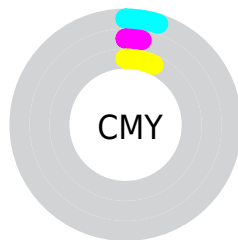
- Red (95%)
- Green (97%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.9622, 92.3625, 94.1860 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 85.9622, 92.3625, 94.1860 by changing the saturation by 10% instead.

85.9622, 92.3625,
94.1860

85.9622, 92.3625,
94.1860

503.2424,
535.6864, 562.4734

64.9619, 69.9418,
70.8645

140.6238,
150.6157, 155.1254

47.6948, 51.4791,
51.7505

175.0159,
187.2170, 193.5805

33.7955, 36.5900,
36.4254

214.6025,
229.3138, 237.9171

22.8987, 24.8902,
24.4706

259.7491,
277.2907, 288.5539

14.6390, 15.9953,
15.4677

310.8211,
331.5320, 345.9094

8.6511, 9.5208,
8.9980

368.1837,

4.5696, 5.0824,

392.4221, 410.4021

4.6431

432.2024,
460.3455, 482.4506

■ 2.0291, 2.2957,
1.9844

■ 0.6502, 0.7714,
0.5456

■ 85.9622, 92.3625,
94.1860

■ 85.9622, 92.3625,
94.1860

■ 78.4298, 88.8745,
76.1056

■ 92.8592, 95.6183,
108.1697

■ 71.6600, 85.7213,
60.5727

■ 65.6279, 82.8953,
47.4743

■ 60.3039, 80.3840,
36.6867

■ 55.6563, 78.1738,
28.0749

■ 51.6504, 76.2503,
21.4904

■ 48.2478, 74.5972,
16.7658

■ 45.4046, 73.1963,
13.7070

■ 43.0686, 72.0257,
12.0768

Harmonies

Analogous

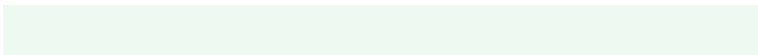
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3349, 92.3625, 92.5124



85.9622, 92.3625, 94.1860



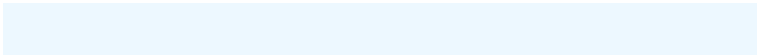
85.0854, 92.3625, 97.5822

Triad

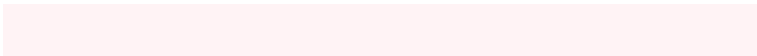
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9622, 92.3625, 94.1860



86.7393, 92.3625, 108.5916



90.7107, 92.3625, 99.2735

Complementary

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



85.9622, 92.3625, 94.1860



84.4834, 86.9835, 101.1484

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.



90.5468, 92.3625, 103.6121



85.9622, 92.3625, 94.1860



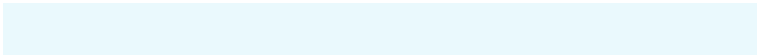
88.2422, 92.3625, 109.0762

Square

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



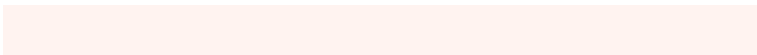
85.9622, 92.3625, 94.1860



85.5305, 92.3625, 105.9245



89.6390, 92.3625, 107.2300



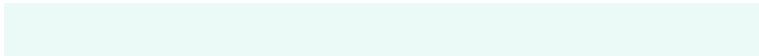
90.0845, 92.3625, 95.3934

Rectangle

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



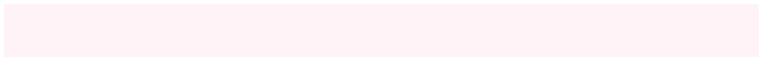
85.9622, 92.3625, 94.1860



84.8942, 92.3625, 100.4088



89.6390, 92.3625, 107.2300



90.7463, 92.3625, 100.7255

Sweetspot

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



85.9648, 92.3665, 94.1880



94.1744, 99.5957, 106.7302



86.1981, 90.2341, 93.7641



20.1664, 21.3219, 22.8675



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.



85.9648, 92.3665, 94.1880



90.7570, 98.0162, 98.3370



84.2626, 91.4890, 94.1083



18.4781, 20.0290, 19.8617



22.7811, 38.6624, 6.2619



2.2322, 3.6438, 0.5857

Inverse Universe

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



84.4834, 86.9835, 101.1484



88.8109, 90.9446, 107.4810



86.2327, 87.8853, 101.2302



18.0263, 18.3874, 21.9843



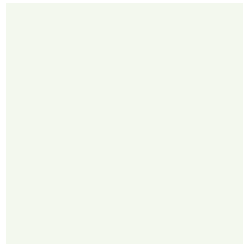
13.8090, 6.0615, 48.4157



1.4012, 0.6244, 4.4899

Previews

White Background



This preview shows how the XYZ color 85.9622, 92.3625, 94.1860 looks on a white background.

Color Contrast Check

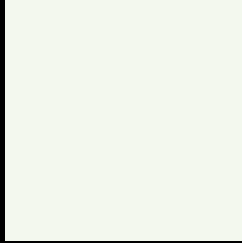
Large Text (above 18pt) WCAG AA × Fail

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 85.9622, 92.3625, 94.1860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

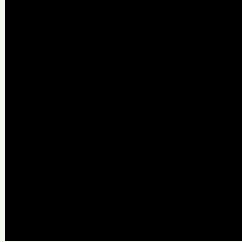
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

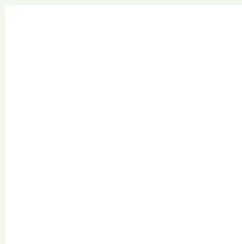
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.9622, 92.3625, 94.1860

Background



This preview shows how black text looks on a background with the XYZ color 85.9622, 92.3625, 94.1860.



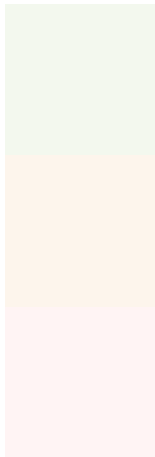
This preview shows how white text looks on a background with the XYZ color 85.9622, 92.3625,

94.1860.

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

85.9622, 92.3625, 94.1860

Protanopia

88.3007, 92.2436, 92.5077

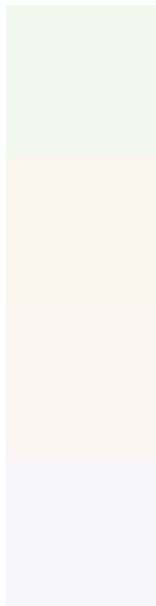
Deuteranopia

89.9198, 92.4930, 98.7016

Tritanopia

89.0602, 92.2990, 107.7292

Trichromacy



Original Color

85.9622, 92.3625, 94.1860

Protanomaly

87.3088, 92.1657, 93.3089

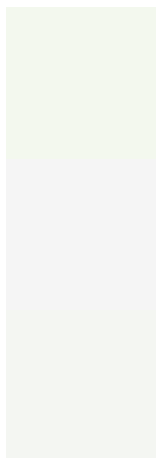
Deuteranomaly

88.4631, 92.2249, 97.1431

Tritanomaly

88.0607, 92.3439, 102.8054

Monochromacy



Original Color

85.9622, 92.3625, 94.1860

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.2910, 91.5554, 97.1283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9622, 92.3625, 94.1860 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, 248, 238) looks like.

```
.text, #text, p{  
    color:rgb(243, 248, 238)  
}
```

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, 248, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 248, 238) }
```

Border

The CSS property to change the border of an element to XYZ 85.9622, 92.3625, 94.1860 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, 248, 238) }
```


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

```
.border{ border-color:rgb(243, 248, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 248, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 248, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 248, 238);  
box-shadow:4px 4px 4px 4px rgb(243, 248,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9622, 92.3625, 94.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 248, 238) }
```

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

```
.background{ background-color: rgb(243,  
248, 238) }
```

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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