

Converting Colors

XYZ(85.1947, 92.9826, 94.6030)

Have a look what the booklet for
XYZ(85.1947, 92.9826, 94.6030)
contains.

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Color

**XYZ(85.2148, 92.8950,
94.3281)**

Conversions

Conversions Part 1

Format	Color
Hex	EFAAEE
RGB	239, 250, 238
RGB Percent	94%, 98%, 93%
CMY	0.0627, 0.0196, 0.0667
CMYK	0.04, 0.00, 0.05, 0.02
HSL	115°, 55%, 96%
HSV	115°, 5%, 98%
XYZ	85.2148, 92.8950, 94.3281
YIQ	245.3430, -2.7040, -6.0640

Conversions

Conversions Part 2

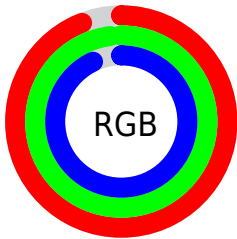
Format	Color
R _{YB}	238, 250, 249
Decimal	15727342
CIE Lab	97.18, -5.74, 4.49
CIE LCh	97, 7.285, 141.973
Yxy	92.8950, 0.3128, 0.3410
Android (android.graphics.Color)	4293917422 (0xFFEFAEE)
YUV	245.3430, -3.6201, -5.5628
Hunter-Lab	96.3821, -10.8504, 9.4409

Details

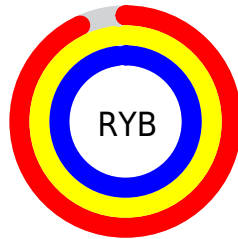
The XYZ color **85.2148, 92.8950, 94.3281** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.9004, 88.1935, 102.8902**, and the grayscale version is **87.0992, 91.6352, 99.7907**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2637, 52.0283, 51.8074** is the 20% darker color. If you saturate the color by 10%, you get **74.5412, 87.7906, 75.9681**, and if you desaturate by 10%, it is **93.4774, 96.8549, 108.3758**.

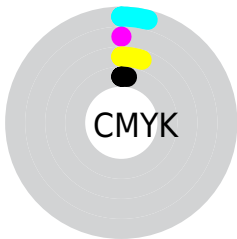
Distribution



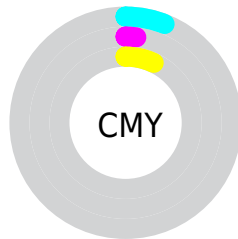
- Red (94%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2148, 92.8950, 94.3281 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 85.2148, 92.8950, 94.3281 by changing the saturation by 10% instead.

85.2148, 92.8950,
94.3281

85.2148, 92.8950,
94.3281

500.8115,
537.4039, 562.9410

64.3420, 70.3842,
70.9821

139.5857,
151.3532, 155.3236

47.1904, 51.8398,
51.8458

173.8145,
188.0695, 193.8102

33.3948, 36.8774,
36.5008

213.2260,
230.2897, 238.1807

22.5897, 25.1126,
24.5285

258.1856,
278.3983, 288.8536

14.4099, 16.1610,
15.5103

309.0586,
332.7796, 346.2476

8.4899, 9.6381,
9.0277

366.2103,

4.4644, 5.1597,

393.8180, 410.7811

4.6622

430.0062,
461.8980, 482.8728

■ 1.9681, 2.3413,
1.9952

■ 0.6159, 0.7954,
0.5523

■ 85.2148, 92.8950,
94.3281

■ 85.2148, 92.8950,
94.3281

■ 74.5412, 87.7906,
75.9681

■ 93.4774, 96.8549,
108.3758

■ 65.2988, 83.3648,
60.2267

■ 57.4290, 79.5927,
46.9864

■ 50.8662, 76.4432,
36.1186

■ 45.5394, 73.8827,
27.4830

■ 41.3707, 71.8745,
20.9248

■ 38.2735, 70.3777,
16.2693

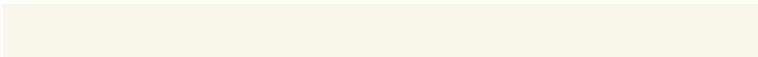
■ 36.1488, 69.3456,
13.3133

■ 34.8788, 68.7229,
11.8072

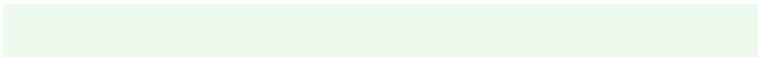
Harmonies

Analogous

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



86.8222, 92.8950, 91.0017



85.2148, 92.8950, 94.3281



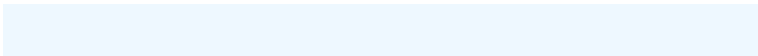
84.4351, 92.8950, 99.5734

Triad

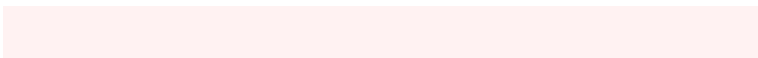
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2148, 92.8950, 94.3281



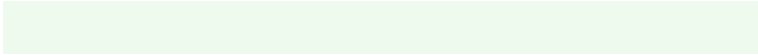
87.7428, 92.8950, 112.7830



92.0128, 92.8950, 96.9673

Complementary

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



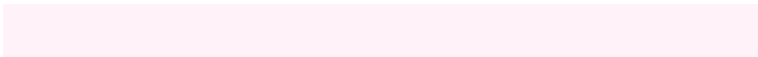
85.2148, 92.8950, 94.3281



86.9004, 88.1935, 102.8902

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.



92.2686, 92.8950, 102.7368



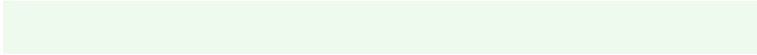
85.2148, 92.8950, 94.3281



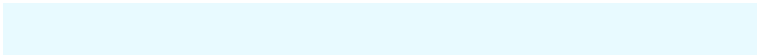
89.7821, 92.8950, 112.0193

Square

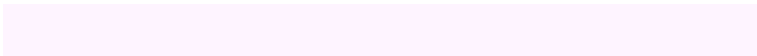
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



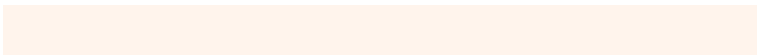
85.2148, 92.8950, 94.3281



85.8797, 92.8950, 110.3347



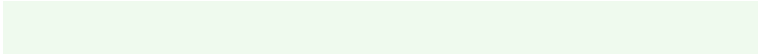
91.4463, 92.8950, 108.2866



90.7529, 92.8950, 92.4838

Rectangle

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



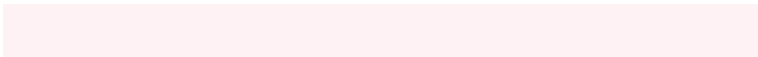
85.2148, 92.8950, 94.3281



84.4810, 92.8950, 103.5151



91.4463, 92.8950, 108.2866



92.2199, 92.8950, 98.8151

Sweetspot

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



85.2174, 92.8990, 94.3301



93.7873, 99.3962, 106.7120



88.7367, 94.2530, 94.4060



20.0877, 21.2812, 22.8638



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.



85.2174, 92.8990, 94.3301



87.7104, 96.4897, 96.2061



85.6261, 93.0236, 98.2391



17.8185, 19.6975, 19.4480



18.3420, 36.3739, 6.0541



1.7432, 3.3918, 0.5628

Inverse Universe

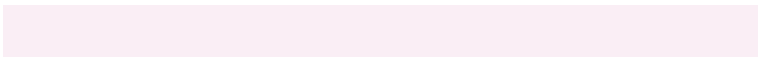
The Inverse Universe completely reimagines the original color for something new.



86.9004, 88.1935, 102.8902



89.8946, 90.3828, 107.3154



86.4836, 88.0680, 98.8302



18.3116, 18.3188, 21.9560



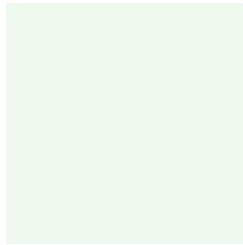
26.3831, 12.5437, 49.0042



2.4844, 1.1828, 4.5405

Previews

White Background



This preview shows how the XYZ color 85.2148, 92.8950, 94.3281 looks on a white background.

Color Contrast Check

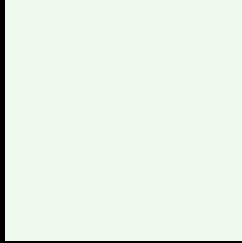
Large Text (above 18pt) WCAG AA × Fail

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 85.2148, 92.8950, 94.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

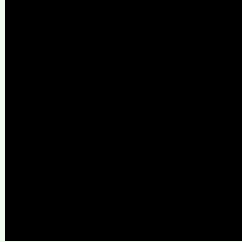
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

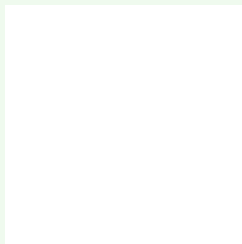
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2148, 92.8950, 94.3281

Background



This preview shows how black text looks on a background with the XYZ color 85.2148, 92.8950, 94.3281.



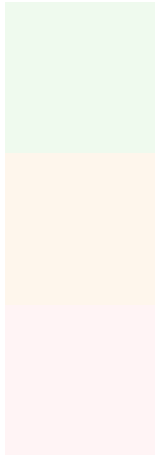
This preview shows how white text looks on a background with the XYZ color 85.2148, 92.8950,

94.381.

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

85.2148, 92.8950, 94.3281

Protanopia

88.9691, 93.0385, 92.6259

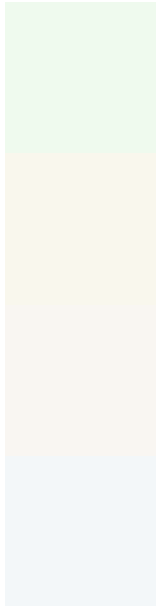
Deuteranopia

90.0721, 92.5539, 99.5036

Tritanopia

88.6620, 92.5440, 107.7975

Trichromacy



Original Color

85.2148, 92.8950, 94.3281

Protanomaly

87.6137, 92.7757, 93.4105

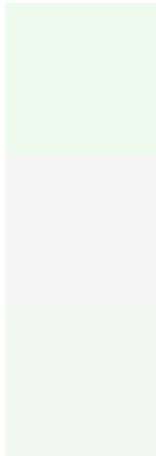
Deuteranomaly

88.0497, 92.4621, 97.2106

Tritanomaly

87.3218, 92.4158, 102.8582

Monochromacy



Original Color

85.2148, 92.8950, 94.3281

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.2499, 91.9870, 97.2138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2148, 92.8950, 94.3281 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(239, 250, 238)` looks like.

```
.text, #text, p{  
    color:rgb(239, 250, 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(239, 250, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 250, 238) }
```

Border

The CSS property to change the border of an element to XYZ 85.2148, 92.8950, 94.3281 is called "border". The border property can be set on classes, ids or directly on the HTML element.

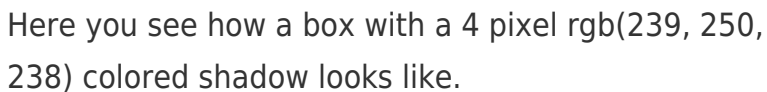
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 250, 238) }
```


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

```
.border{ border-color:rgb(239, 250, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(239, 250, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 250, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 250, 238); box-shadow:4px 4px 4px 4px rgb(239, 250, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2148, 92.8950, 94.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 250, 238) }
```

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

```
.background{ background-color: rgb(239,  
250, 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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