

# Converting Colors

XYZ(82.5985, 84.8834, 93.6963)

Have a look what the booklet for  
XYZ(82.5985, 84.8834, 93.6963)  
contains.

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# Color

**XYZ(82.5965, 84.8818,  
93.6919)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4EBEF
RGB	244, 235, 239
RGB Percent	96%, 92%, 94%
CMY	0.0431, 0.0784, 0.0627
CMYK	0.00, 0.04, 0.02, 0.04
HSL	333°, 29%, 94%
HSV	333°, 4%, 96%
XYZ	82.5965, 84.8818, 93.6919
YIQ	238.1470, 4.0800, 3.1520

# Conversions

## Conversions Part 2

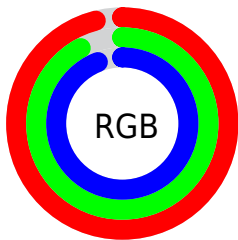
Format	Color
R <sub>Y</sub> B	244, 235, 239
Decimal	16051183
CIE Lab	93.83, 3.72, -0.86
CIE LCh	94, 3.823, 346.946
Yxy	84.8818, 0.3163, 0.3250
Android (android.graphics.Color)	4294241263 (0xFF4E4E4E)
YUV	238.1470, 0.4205, 5.1331
Hunter-Lab	92.1313, -1.2031, 4.1976

# Details

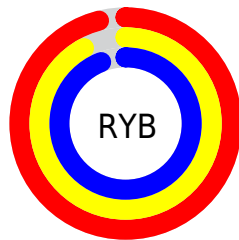
The XYZ color **82.5965, 84.8818, 93.6919** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.3430, 88.6569, 95.2149**, and the grayscale version is **81.3786, 85.6166, 93.2365**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4064, 46.3505, 51.3531** is the 20% darker color. If you saturate the color by 10%, you get **74.1558, 71.0865, 81.3620**, and if you desaturate by 10%, it is **90.7287, 97.8174, 106.6628**.

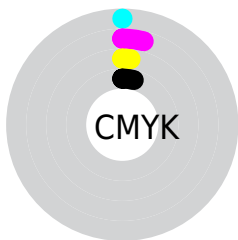
# Distribution



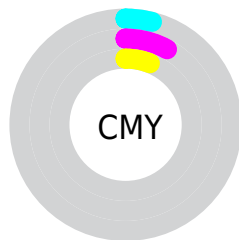
- Red (96%)
- Green (92%)
- Blue (94%)



- Red (96%)
- Yellow (92%)
- Blue (94%)



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



- Cyan (4%)
- Magenta (8%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5965, 84.8818, 93.6919 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 82.5965, 84.8818, 93.6919 by changing the saturation by 10% instead.



82.5965, 84.8818,  
93.6919

82.5965, 84.8818,  
93.6919

492.2451,  
511.2369, 560.8457

62.1731, 63.7437,  
70.4559

135.9416,  
140.2080, 154.4362

45.4287, 46.4431,  
51.4192

169.5941,  
175.1650, 192.7815

31.9980, 32.5956,  
36.1633

208.3870,  
215.4970, 237.0003

21.5155, 21.8169,  
24.2696

252.6857,  
261.5884, 287.5111

13.6159, 13.7224,  
15.3197

302.8555,  
313.8238, 344.7325

7.9339, 7.9278,  
8.8950

359.2617,

4.1042, 4.0488,

372.5873, 409.0831

4.5769

422.2698,  
438.2636, 480.9813

■ 1.7612, 1.7009,  
1.9468

■ 0.4941, 0.4242,  
0.5223

■ 82.5965, 84.8818,  
93.6919

■ 82.5965, 84.8818,  
93.6919

■ 74.1558, 71.0865,  
81.3620

■ 90.7287, 97.8174,  
106.6628

■ 66.7793, 59.1852,  
70.1113

■ 91.1186, 97.9733,  
108.7160

■ 60.4244, 49.0974,  
59.9100

■ 55.0432, 40.7326,  
50.7248

■ 50.5836, 33.9924,  
42.5202

■ 46.9882, 28.7685,  
35.2584

■ 44.1931, 24.9391,  
28.8984

■ 42.1244, 22.3632,  
23.3951

■ 40.6931, 20.8696,  
18.6970

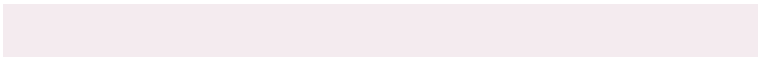
# Harmonies

## Analogous

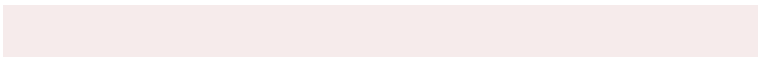
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1141, 84.8818, 96.2959



82.5965, 84.8818, 93.6919



82.5616, 84.8818, 90.8000

# Triad

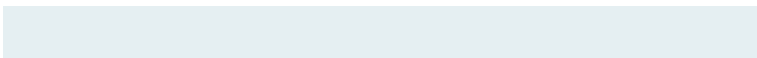
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5965, 84.8818, 93.6919



80.1093, 84.8818, 87.1704



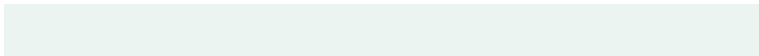
79.3507, 84.8818, 96.5724

# Complementary

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



82.5965, 84.8818, 93.6919



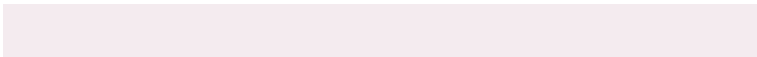
82.3430, 88.6569, 95.2149

# Split Complementary

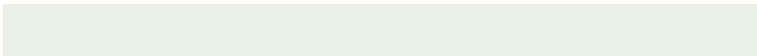
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.8225, 84.8818, 94.0629



82.5965, 84.8818, 93.6919



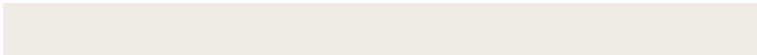
79.2579, 84.8818, 88.6531

# Square

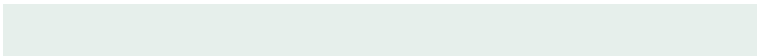
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



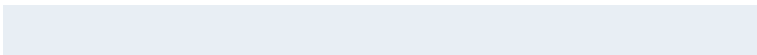
82.5965, 84.8818, 93.6919



81.1199, 84.8818, 87.0758



78.7887, 84.8818, 91.1633



80.2370, 84.8818, 97.9824

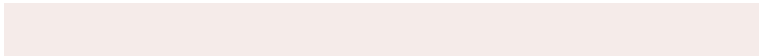


# Rectangle

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



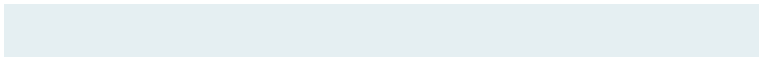
82.5965, 84.8818, 93.6919



82.2497, 84.8818, 89.0983



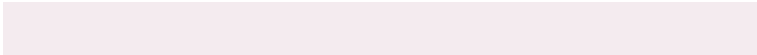
78.7887, 84.8818, 91.1633



79.1257, 84.8818, 95.8271

# Sweetspot

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



82.5989, 84.8855, 93.6937



94.0145, 98.2928, 107.4333



81.9587, 84.4689, 97.5734



20.1339, 21.0567, 23.0106



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

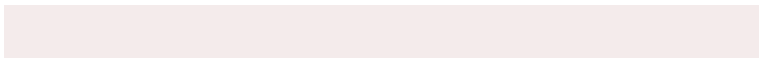
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5989, 84.8855, 93.6937



90.9825, 93.3041, 103.1075



82.1439, 84.9098, 90.6615



17.6902, 18.0541, 20.0047



21.8355, 11.0776, 9.1080

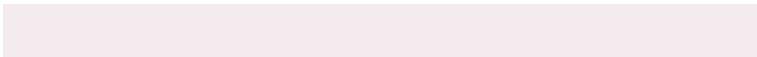


1.9700, 0.9940, 1.0684



# Inverse Universe

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



82.5989, 84.8855, 93.6937



90.9825, 93.3041, 103.1075



82.8081, 88.6267, 98.3311



17.6902, 18.0541, 20.0047



21.8355, 11.0776, 9.1080

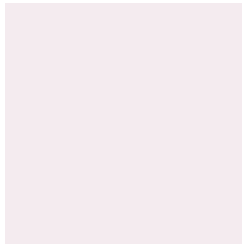


1.9700, 0.9940, 1.0684



# Previews

## White Background



This preview shows how the XYZ color 82.5965, 84.8818, 93.6919 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

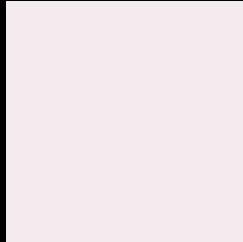
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 82.5965, 84.8818, 93.6919 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

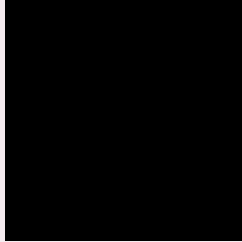
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

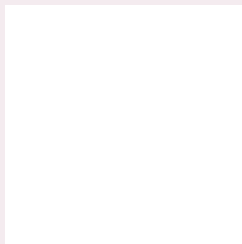
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 82.5965, 84.8818, 93.6919**

## **Background**



This preview shows how black text looks on a background with the XYZ color 82.5965, 84.8818, 93.6919.



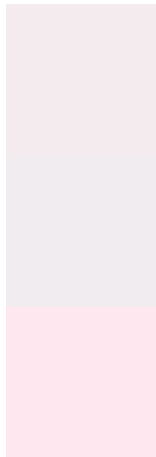
This preview shows how white text looks on a background with the XYZ color 82.5965, 84.8818,

93.6919.

# 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

82.5965, 84.8818, 93.6919

### Protanopia

81.9993, 84.9829, 94.5196

### Deuteranopia

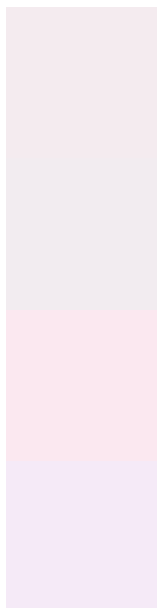
85.5441, 84.7031, 94.2787



## Tritanopia

84.5575, 84.8357, 103.1851

# Trichromacy



## Original Color

82.5965, 84.8818, 93.6919

## Protanomaly

82.3416, 85.1594, 94.5356

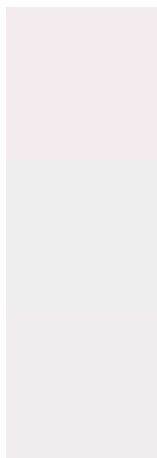
## Deuteranomaly

84.3685, 84.5137, 94.3042

## Tritanomaly

83.8675, 84.9735, 99.9769

# Monochromacy



## Original Color

82.5965, 84.8818, 93.6919

## Achromatopsia

81.2670, 85.4993, 93.1087

## Achromatomaly

81.6520, 85.2667, 93.0435

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 82.5965, 84.8818, 93.6919 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, 235, 239) looks like.

```
.text, #text, p{  
    color:rgb(244, 235, 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, 235, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 235, 239) }
```

## Border

The CSS property to change the border of an element to XYZ 82.5965, 84.8818, 93.6919 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, 235, 239) }
```



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

```
.border{ border-color:rgb(244, 235, 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, 235, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 235, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 235, 239);  
box-shadow:4px 4px 4px 4px rgb(244, 235,  
239) }
```

# Background

The CSS property to change the background color of an element to XYZ 82.5965, 84.8818, 93.6919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 235, 239) }
```

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

```
.background{ background-color: rgb(244,  
235, 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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