

# Converting Colors

XYZ(85.9808, 89.9264, 99.1084)

Have a look what the booklet for  
XYZ(85.9808, 89.9264, 99.1084)  
contains.

<b>XYZ(86.1882, 90.1062, 99.2358)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	27
<i><b>CSS Examples</b></i> .....	30

# **Color**

**XYZ(86.1882, 90.1062,  
99.2358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5F3F5
RGB	245, 243, 245
RGB Percent	96%, 95%, 96%
CMY	0.0392, 0.0470, 0.0392
CMYK	0.00, 0.01, 0.00, 0.04
HSL	300°, 9%, 96%
HSV	300°, 1%, 96%
XYZ	86.1882, 90.1062, 99.2358
YIQ	243.8260, 0.5500, 1.0460

# Conversions

## Conversions Part 2

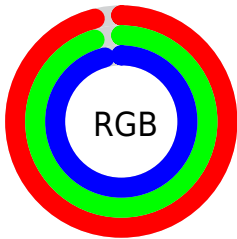
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">245, 243, 245</a>
Decimal	<a href="#">16118773</a>
CIELab	<a href="#">96.04, 1.02, -0.74</a>
CIElCh	<a href="#">96, 1.259, 324.250</a>
Yxy	<a href="#">90.1062, 0.3128, 0.3270</a>
Android (android.graphics.Color)	<a href="#">4294308853</a> ( <a href="#">0xFFFF5F3F5</a> )
YUV	<a href="#">243.8260, 0.5788, 1.0296</a>
Hunter-Lab	<a href="#">94.9243, -4.0452, 4.4640</a>

# Details

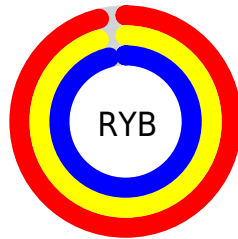
The XYZ color **86.1882, 90.1062, 99.2358** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.7956, 90.8329, 97.8092**, and the grayscale version is **85.8474, 90.3181, 98.3565**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9419, 50.0336, 55.2748** is the 20% darker color. If you saturate the color by 10%, you get **79.3412, 76.4109, 96.9545**, and if you desaturate by 10%, it is **89.8985, 97.5254, 100.4737**.

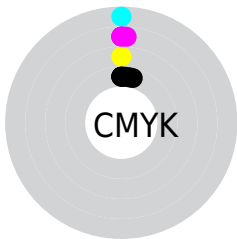
# Distribution



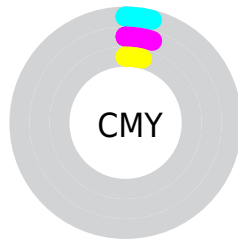
- Red (96%)
- Green (95%)
- Blue (96%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 86.1882, 90.1062, 99.2358 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 86.1882, 90.1062, 99.2358 by changing the saturation by 10% instead.



86.1882, 90.1062,  
99.2358

86.1882, 90.1062,  
99.2358

503.9762,  
528.3763, 578.9655

65.1494, 68.0687,  
75.0492

140.9376,  
147.4859, 162.1493

47.8474, 49.9537,  
55.1512

175.3788,  
183.5969, 201.7132

33.9168, 35.3766,  
39.1234

215.0183,  
225.1679, 247.2400

22.9923, 23.9531,  
26.5471

260.2214,  
272.5833, 299.1482

14.7085, 15.2988,  
17.0040

311.3533,  
326.2274, 357.8563

8.7000, 9.0294,  
10.0753

368.7795,

4.6016, 4.7604,

386.4847, 423.7829

5.3427

432.8654,  
453.7395, 497.3464

■ 2.0478, 2.1073,  
2.3875

■ 0.6606, 0.6688,  
0.7796

■ 86.1882, 90.1062,  
99.2358

■ 86.1882, 90.1062,  
99.2358

■ 79.3412, 76.4109,  
96.9545

■ 89.8985, 97.5254,  
100.4737

■ 73.4314, 64.5914,  
94.9846

■ 89.8985, 97.5255,  
100.4737

■ 68.4206, 54.5697,  
93.3143

■ 89.8985, 97.5255,  
100.4737

■ 64.2646, 46.2578,  
91.9290

■ 89.8985, 97.5255,  
100.4737

60.9158, 39.5602,  
90.8127

89.8985, 97.5255,  
100.4738

58.3217, 34.3720,  
89.9480

89.8985, 97.5255,  
100.4738

56.4239, 30.5764,  
89.3153

89.8985, 97.5255,  
100.4738

55.1551, 28.0388,  
88.8924

89.8985, 97.5255,  
100.4738

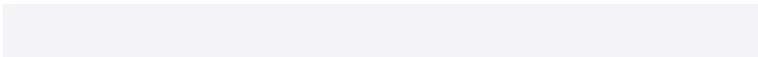
54.4351, 26.5987,  
88.6523

89.8985, 97.5255,  
100.4739

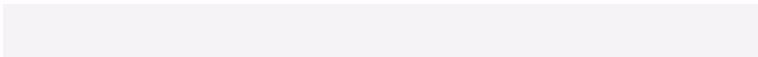
# Harmonies

## Analogous

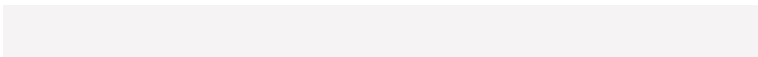
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9187, 90.1062, 99.8704



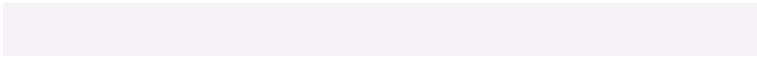
86.1882, 90.1062, 99.2358



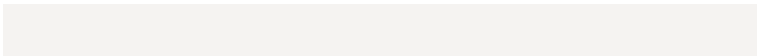
86.3117, 90.1062, 98.3027

# Triad

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



86.1882, 90.1062, 99.2358



85.7104, 90.1062, 96.2133



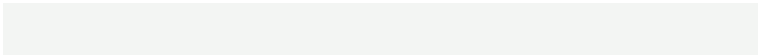
85.0337, 90.1062, 98.9006

# Complementary

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



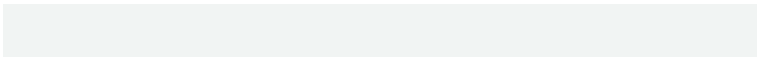
86.1882, 90.1062, 99.2358



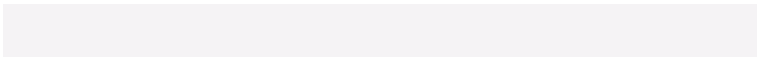
85.7956, 90.8329, 97.8092

# Split Complementary

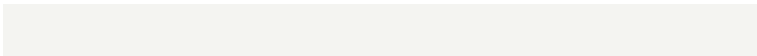
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.9783, 90.1062, 97.9182



86.1882, 90.1062, 99.2358



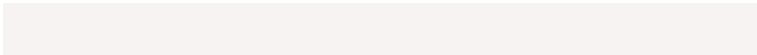
85.3683, 90.1062, 96.3710

# Square

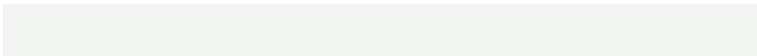
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.1882, 90.1062, 99.2358



86.0353, 90.1062, 96.5611



85.1006, 90.1062, 96.9934

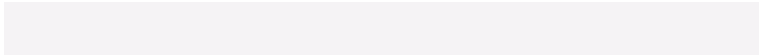


85.2523, 90.1062, 99.6760

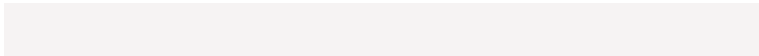


# Rectangle

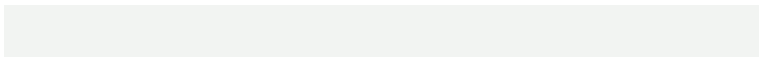
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



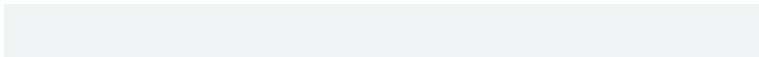
86.1882, 90.1062, 99.2358



86.2943, 90.1062, 97.6387



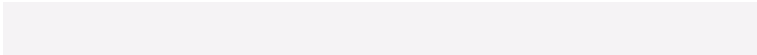
85.1006, 90.1062, 96.9934



84.9954, 90.1062, 98.5835

# Sweetspot

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



86.1908, 90.1101, 99.2378

95.0500, 100.0000, 108.9000



85.4981, 89.7530, 99.2054



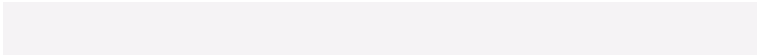
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

# Same Dimension

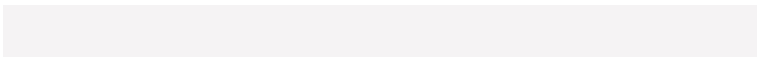
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1908, 90.1101, 99.2378



94.2419, 98.3838, 108.6306



86.0388, 90.0493, 98.4374



18.4793, 19.2995, 21.2938



29.1650, 14.0094, 47.7048



2.5633, 1.2313, 4.1928



# Inverse Universe

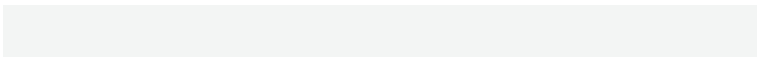
The Inverse Universe completely reimagines the original color for something new.



86.1908, 90.1101, 99.2378



94.2419, 98.3838, 108.6306



85.9467, 90.8934, 98.6052



18.4793, 19.2995, 21.2938



29.1650, 14.0094, 47.7048

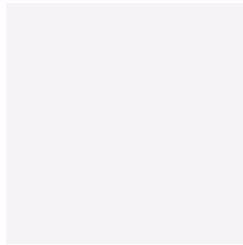


2.5633, 1.2313, 4.1928



# Previews

## White Background



This preview shows how the XYZ color 86.1882, 90.1062, 99.2358 looks on a white background.

## Color Contrast Check

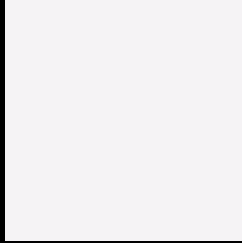
Large Text (above 18pt) WCAG AA × Fail

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 86.1882, 90.1062, 99.2358 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

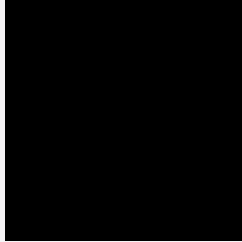
Any Text WCAG AAA ✓ Pass

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

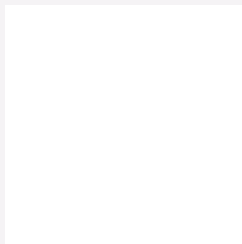


# XYZ 86.1882, 90.1062, 99.2358

## Background



This preview shows how black text looks on a background with the XYZ color 86.1882, 90.1062, 99.2358.



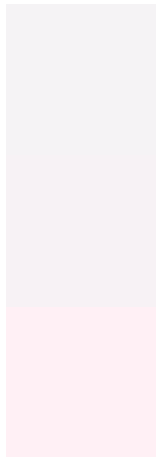
This preview shows how white text looks on a background with the XYZ color 86.1882, 90.1062,

99.258.

# 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

86.1882, 90.1062, 99.2358

### Protanopia

86.5913, 89.8710, 99.1692

### Deuteranopia

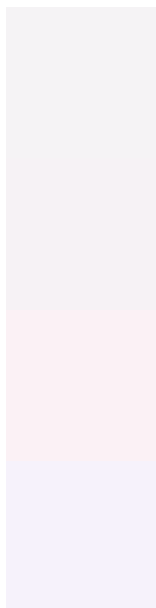
88.8815, 90.1727, 99.1067



## Tritanopia

87.8082, 90.3171, 107.4127

# Trichromacy



## Original Color

86.1882, 90.1062, 99.2358

## Protanomaly

86.2396, 89.6897, 99.1527

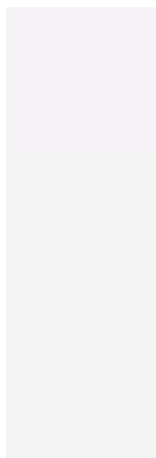
## Deuteranomaly

87.7204, 90.0124, 99.1370

## Tritanomaly

87.1708, 90.0621, 104.0561

# Monochromacy



## Original Color

86.1882, 90.1062, 99.2358

## Achromatopsia

85.9880, 90.4661, 98.5176

## Achromatomaly

85.9880, 90.4661, 98.5176

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 86.1882, 90.1062, 99.2358 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(245, 243, 245) looks like.

```
.text, #text, p{  
    color:rgb(245, 243, 245)  
}
```

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(245, 243, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 245) }
```

## Border

The CSS property to change the border of an element to XYZ 86.1882, 90.1062, 99.2358 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(245, 243, 245) }
```

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

```
.border{ border-color:rgb(245, 243, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 243, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
245) }
```



# Background

The CSS property to change the background color of an element to XYZ 86.1882, 90.1062, 99.2358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 243, 245) }
```

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

```
.background{ background-color: rgb(245,  
243, 245) }
```

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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