

Converting Colors

XYZ(80.4918, 85.5004, 93.8521)

Have a look what the booklet for
XYZ(80.4918, 85.5004, 93.8521)
contains.

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Color

**XYZ(80.3782, 85.4574,
93.9199)**

Conversions

Conversions Part 1

Format	Color
Hex	EAEFEF
RGB	234, 239, 239
RGB Percent	92%, 94%, 94%
CMY	0.0823, 0.0627, 0.0627
CMYK	0.02, 0.00, 0.00, 0.06
HSL	180°, 14%, 93%
HSV	180°, 2%, 94%
XYZ	80.3782, 85.4574, 93.9199
YIQ	237.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

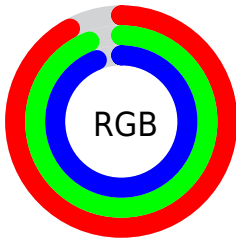
Format	Color
R _Y B	234, 237, 239
Decimal	15396847
CIE Lab	94.08, -1.65, -0.59
CIE LCh	94, 1.756, 199.649
Yxy	85.4574, 0.3094, 0.3290
Android (android.graphics.Color)	4293586927 (0xFFEAEFEF)
YUV	237.5050, 0.7370, -3.0739
Hunter-Lab	92.4432, -6.5720, 4.4731

Details

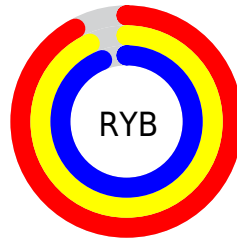
The XYZ color **80.3782, 85.4574, 93.9199** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.8739, 83.1392, 89.6838**, and the grayscale version is **80.8837, 85.0960, 92.6695**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8408, 46.7508, 51.5129** is the 20% darker color. If you saturate the color by 10%, you get **73.0528, 81.6837, 93.5647**, and if you desaturate by 10%, it is **87.6911, 89.2294, 94.2780**.

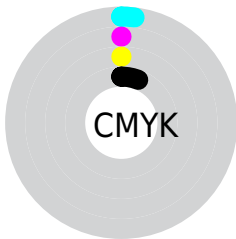
Distribution



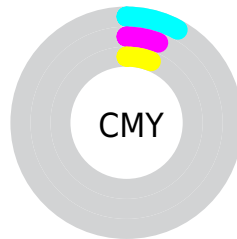
- Red (92%)
- Green (94%)
- Blue (94%)



- Red (92%)
- Yellow (93%)
- Blue (94%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.3782, 85.4574, 93.9199 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 80.3782, 85.4574, 93.9199 by changing the saturation by 10% instead.

80.3782, 85.4574,
93.9199

80.3782, 85.4574,
93.9199

484.9236,
513.1404, 561.5971

60.3392, 64.2194,
70.6444

132.8451,
141.0121, 154.7543

43.9426, 46.8284,
51.5720

166.0036,
176.0975, 193.1502

30.8231, 32.9000,
36.2842

204.2660,
216.5675, 237.4235

20.6153, 22.0499,
24.3623

247.9976,
262.8065, 287.9925

12.9540, 13.8935,
15.3879

297.5639,
315.1989, 345.2758

7.4736, 8.0467,
8.9425

353.3300,

3.8090, 4.1248,

374.1291, 409.6920

4.6074

415.6615,
439.9814, 481.6596

■ 1.5946, 1.7436,
1.9641

■ 0.3889, 0.4517,
0.5331

■ 80.3782, 85.4574,
93.9199

■ 80.3782, 85.4574,
93.9199

■ 73.0528, 81.6837,
93.5647

■ 87.6911, 89.2294,
94.2780

■ 66.7414, 78.4304,
93.2552


■ 87.6938, 89.2305,
94.2923


■ 61.4016, 75.6779,
92.9912


■ 87.6965, 89.2316,
94.3065


■ 56.9850, 73.4014,
92.7704


■ 87.6992, 89.2327,
94.3208


 53.4394, 71.5739,
92.5903


 87.7019, 89.2337,
94.3350


 50.7070, 70.1656,
92.4484


 87.7046, 89.2348,
94.3493


 48.7235, 69.1434,
92.3414

 87.7073, 89.2359,
94.3635

 47.4145, 68.4689,
92.2661

 87.7100, 89.2370,
94.3778

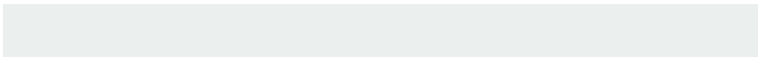
 46.6906, 68.0960,
92.2181

 87.7127, 89.2381,
94.3921

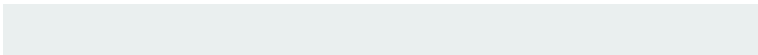
Harmonies

Analogous

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



80.3406, 85.4574, 92.5852



80.3782, 85.4574, 93.9199



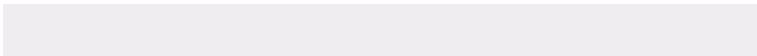
80.6421, 85.4574, 95.0311

Triad

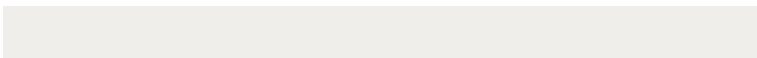
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.3782, 85.4574, 93.9199



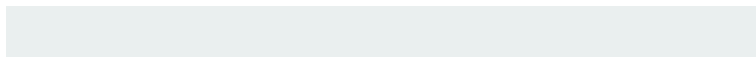
81.9140, 85.4574, 94.7312



81.3869, 85.4574, 90.5305

Complementary

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



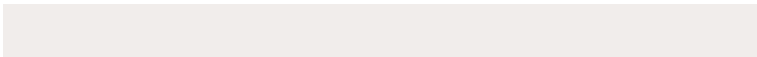
80.3782, 85.4574, 93.9199



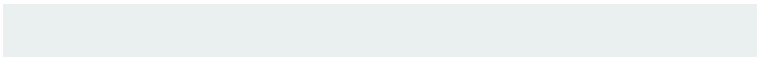
79.8739, 83.1392, 89.6838

Split Complementary

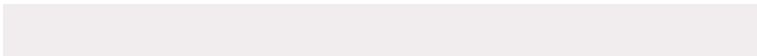
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8101, 85.4574, 91.0938



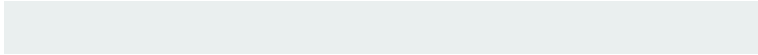
80.3782, 85.4574, 93.9199



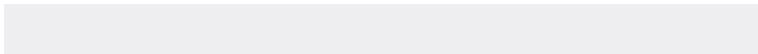
82.1152, 85.4574, 93.5135

Square

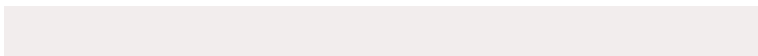
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



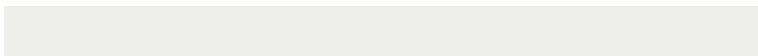
80.3782, 85.4574, 93.9199



81.5284, 85.4574, 95.5026



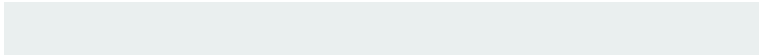
82.0771, 85.4574, 92.1827



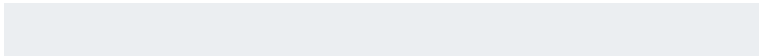
80.9218, 85.4574, 90.6370

Rectangle

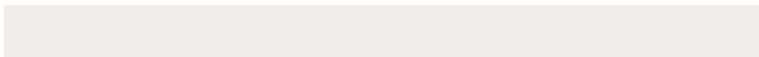
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



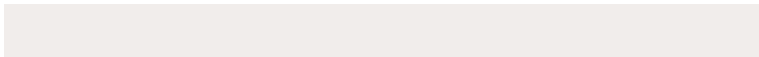
80.3782, 85.4574, 93.9199



80.9114, 85.4574, 95.4916



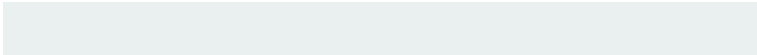
82.0771, 85.4574, 92.1827



81.5388, 85.4574, 90.6476

Sweetspot

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



80.3806, 85.4611, 93.9218



94.1177, 99.5194, 108.8547



79.6793, 85.1837, 90.0858



20.1549, 21.3063, 23.2999



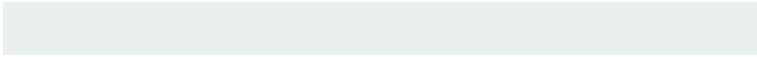
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

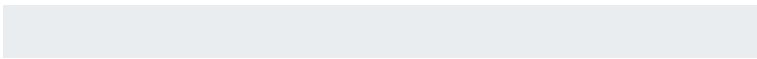
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.3806, 85.4611, 93.9218



92.2904, 98.5775, 108.7659



79.6778, 84.0546, 93.6903



17.1569, 18.3979, 20.3673



25.6527, 37.5531, 50.9473



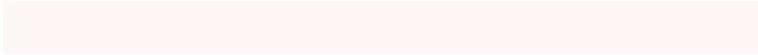
2.1342, 3.1241, 4.2392

Inverse Universe

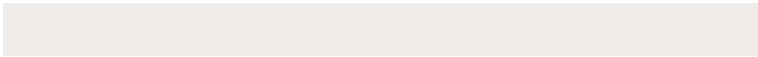
The Inverse Universe completely reimagines the original color for something new.



79.8739, 83.1392, 89.6838



91.4514, 94.7332, 101.7492



80.5666, 84.5255, 89.9120



16.9600, 17.4958, 18.7208



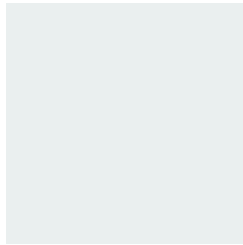
19.6722, 10.1413, 0.9247



1.6367, 0.8437, 0.0778

Previews

White Background



This preview shows how the XYZ color 80.3782, 85.4574, 93.9199 looks on a white background.

Color Contrast Check

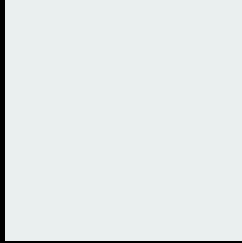
Large Text (above 18pt) WCAG AA × Fail

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 80.3782, 85.4574, 93.9199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

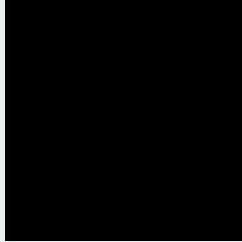
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

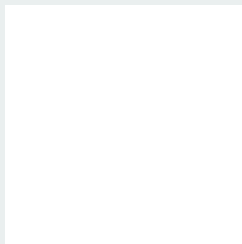
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.3782, 85.4574, 93.9199

Background



This preview shows how black text looks on a background with the XYZ color 80.3782, 85.4574, 93.9199.



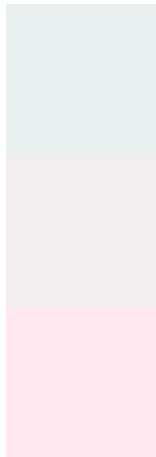
This preview shows how white text looks on a background with the XYZ color 80.3782, 85.4574,

93.9199.

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

80.3782, 85.4574, 93.9199

Protanopia

82.3348, 85.6187, 93.0755

Deuteranopia

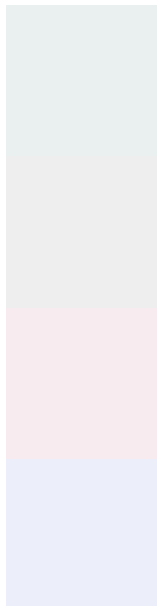
85.8248, 85.2645, 94.3723



Tritanopia

83.2592, 85.7929, 106.7792

Trichromacy



Original Color

80.3782, 85.4574, 93.9199

Protanomaly

81.6038, 85.6728, 93.1245

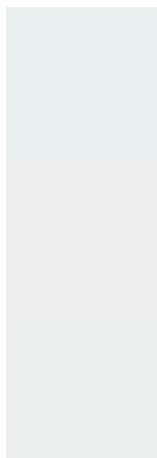
Deuteranomaly

83.7943, 85.4821, 94.5213

Tritanomaly

82.2655, 85.8215, 101.8519

Monochromacy



Original Color

80.3782, 85.4574, 93.9199

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.9322, 85.3266, 93.0930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3782, 85.4574, 93.9199 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(234, 239, 239) looks like.

```
.text, #text, p{  
    color:rgb(234, 239, 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(234, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 239, 239) }
```

Border

The CSS property to change the border of an element to XYZ 80.3782, 85.4574, 93.9199 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(234, 239, 239) }
```


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

```
.border{ border-color:rgb(234, 239, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 239, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 239, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 239, 239);  
box-shadow:4px 4px 4px 4px rgb(234, 239,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3782, 85.4574, 93.9199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 239, 239) }
```

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

```
.background{ background-color: rgb(234,  
239, 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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