

Converting Colors

XYZ(80.7018, 85.7419, 94.1853)

Have a look what the booklet for
XYZ(80.7018, 85.7419, 94.1853)
contains.

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Color

**XYZ(80.7074, 85.6272,
93.9353)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEFEF
RGB	235, 239, 239
RGB Percent	92%, 94%, 94%
CMY	0.0784, 0.0627, 0.0627
CMYK	0.02, 0.00, 0.00, 0.06
HSL	180°, 11%, 93%
HSV	180°, 2%, 94%
XYZ	80.7074, 85.6272, 93.9353
YIQ	237.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

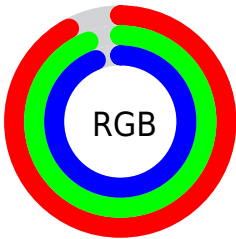
Format	Color
R _Y B	235, 237, 239
Decimal	15462383
CIE Lab	94.15, -1.32, -0.48
CIE LCh	94, 1.406, 199.757
Yxy	85.6272, 0.3101, 0.3290
Android (android.graphics.Color)	4293652463 (0xFFEBEF)
YUV	237.8040, 0.5896, -2.4591
Hunter-Lab	92.5350, -6.2516, 4.5872

Details

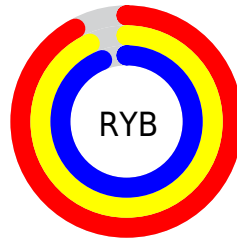
The XYZ color **80.7074, 85.6272, 93.9353** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.3035, 83.7677, 90.5378**, and the grayscale version is **81.1154, 85.3398, 92.9350**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0711, 46.8696, 51.5237** is the 20% darker color. If you saturate the color by 10%, you get **73.3377, 81.8308, 93.5733**, and if you desaturate by 10%, it is **87.6920, 89.2299, 94.2828**.

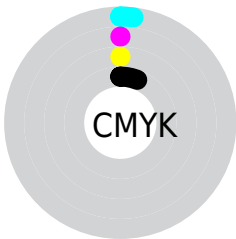
Distribution



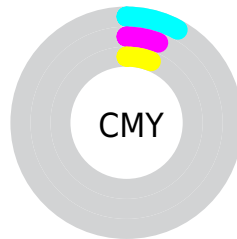
- Red (92%)
- Green (94%)
- Blue (94%)



- 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 80.7074, 85.6272, 93.9353 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 80.7074, 85.6272, 93.9353 by changing the saturation by 10% instead.

80.7074, 85.6272,
93.9353

80.7074, 85.6272,
93.9353

486.0139,
513.7012, 561.6478

60.6111, 64.3597,
70.6572

133.3052,
141.2491, 154.7758

44.1627, 46.9421,
51.5823

166.5373,
176.3724, 193.1751

30.9969, 32.9899,
36.2923

204.8788,
216.8831, 237.4520

20.7483, 22.1187,
24.3686

248.6950,
263.1655, 288.0250

13.0516, 13.9441,
15.3925

298.3513,
315.6042, 345.3125

7.5413, 8.0818,
8.9457

354.2130,

3.8522, 4.1474,

374.5834, 409.7331

4.6094

416.6454,
440.4876, 481.7054

■ 1.6189, 1.7563,
1.9653

■ 0.4047, 0.4597,
0.5338

■ 80.7074, 85.6272,
93.9353

■ 80.7074, 85.6272,
93.9353

■ 73.3377, 81.8308,
93.5733

■ 87.6920, 89.2299,
94.2828

■ 66.9837, 78.5556,
93.2571


■ 87.6956, 89.2313,
94.3018


■ 61.6033, 75.7823,
92.9865


■ 87.6992, 89.2328,
94.3208


■ 57.1482, 73.4861,
92.7592


■ 87.7029, 89.2342,
94.3398


 53.5663, 71.6400,
92.5727


 87.7065, 89.2357,
94.3589

 50.8003, 70.2145,
92.4244


 87.7101, 89.2371,
94.3779


 48.7860, 69.1764,
92.3113

 87.7137, 89.2386,
94.3969

 47.4495, 68.4879,
92.2299

 87.7173, 89.2400,
94.4160

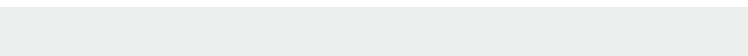
 46.7023, 68.1031,
92.1762

 87.7209, 89.2415,
94.4350

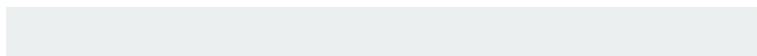
Harmonies

Analogous

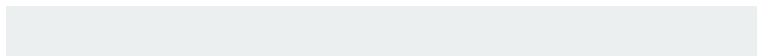
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.6765, 85.6272, 92.8657



80.7074, 85.6272, 93.9353



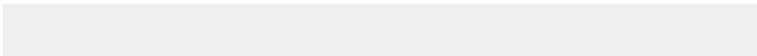
80.9198, 85.6272, 94.8233

Triad

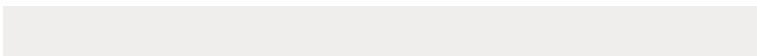
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7074, 85.6272, 93.9353



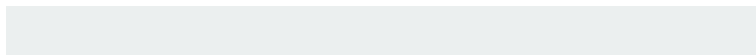
81.9393, 85.6272, 94.5778



81.5147, 85.6272, 91.2102

Complementary

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



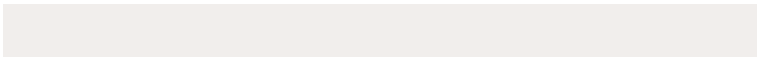
80.7074, 85.6272, 93.9353



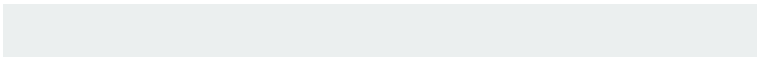
80.3035, 83.7677, 90.5378

Split Complementary

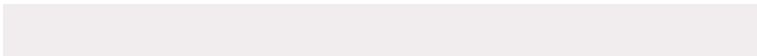
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8542, 85.6272, 91.6615



80.7074, 85.6272, 93.9353



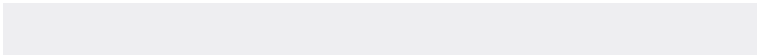
82.0998, 85.6272, 93.6022

Square

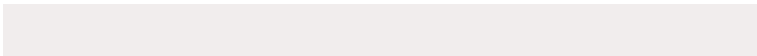
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



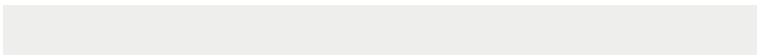
80.7074, 85.6272, 93.9353



81.6308, 85.6272, 95.1962



82.0686, 85.6272, 92.5351



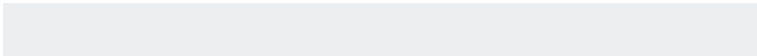
81.1419, 85.6272, 91.2979

Rectangle

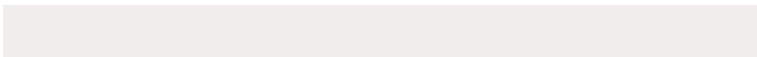
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



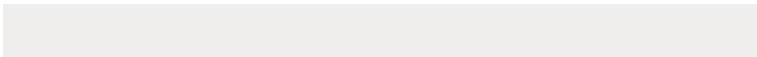
80.7074, 85.6272, 93.9353



81.1361, 85.6272, 95.1901



82.0686, 85.6272, 92.5351



81.6366, 85.6272, 91.3038

Sweetspot

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



80.7098, 85.6309, 93.9372



94.1176, 99.5194, 108.8542



80.1472, 85.4084, 90.8596



20.1549, 21.3063, 23.2998



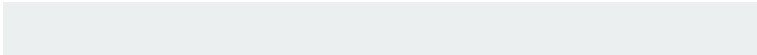
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

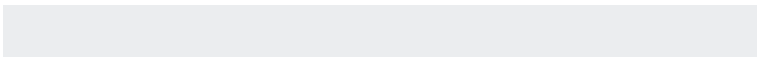
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7098, 85.6309, 93.9372



93.1977, 99.0452, 108.8089



80.1468, 84.5038, 93.7525



17.4765, 18.5626, 20.3827



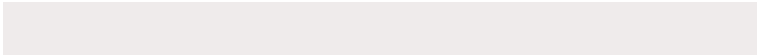
25.6477, 37.5511, 50.9214



2.1339, 3.1240, 4.2374

Inverse Universe

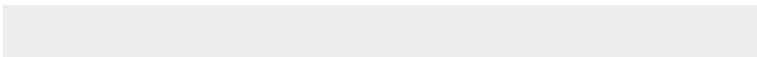
The Inverse Universe completely reimagines the original color for something new.



80.3035, 83.7677, 90.5378



92.6350, 96.4653, 104.1018



80.8600, 84.8818, 90.7204



17.3769, 18.1059, 19.5493



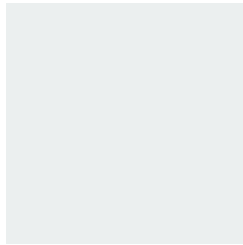
19.6725, 10.1414, 0.9260



1.6368, 0.8438, 0.0782

Previews

White Background



This preview shows how the XYZ color 80.7074, 85.6272, 93.9353 looks on a white background.

Color Contrast Check

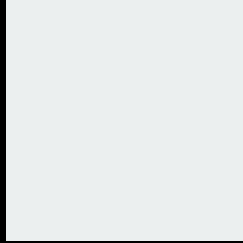
Large Text (above 18pt) WCAG AA × Fail

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 80.7074, 85.6272, 93.9353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

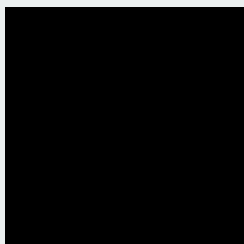
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

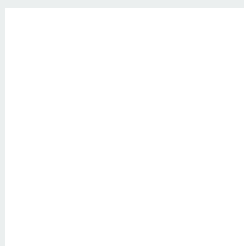
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.7074, 85.6272, 93.9353

Background



This preview shows how black text looks on a background with the XYZ color 80.7074, 85.6272, 93.9353.



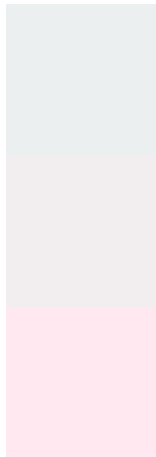
This preview shows how white text looks on a background with the XYZ color 80.7074, 85.6272,

93.9353.

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

80.7074, 85.6272, 93.9353

Protanopia

82.3348, 85.6187, 93.0755

Deuteranopia

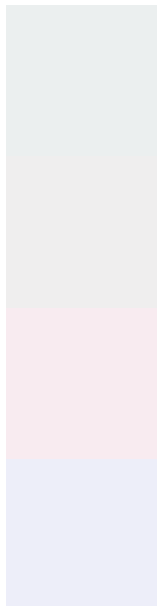
85.8248, 85.2645, 94.3723



Tritanopia

83.5941, 85.9655, 106.7949

Trichromacy



Original Color

80.7074, 85.6272, 93.9353

Protanomaly

81.6038, 85.6728, 93.1245

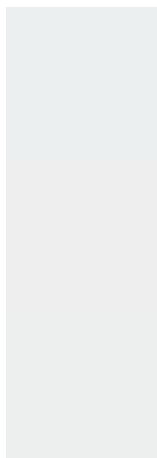
Deuteranomaly

84.1479, 85.6644, 94.5379

Tritanomaly

82.5985, 85.9931, 101.8675

Monochromacy



Original Color

80.7074, 85.6272, 93.9353

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 80.7074, 85.6272, 93.9353 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(235, 239, 239)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 80.7074, 85.6272, 93.9353 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(235, 239, 239) }
```


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

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

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

Background

The CSS property to change the background color of an element to XYZ 80.7074, 85.6272, 93.9353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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