

Converting Colors

XYZ(80.9077, 86.2241, 93.4048)

Have a look what the booklet for
XYZ(80.9077, 86.2241, 93.4048)
contains.

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Color

**XYZ(80.8537, 86.1554,
93.2571)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF0EE
RGB	235, 240, 238
RGB Percent	92%, 94%, 93%
CMY	0.0784, 0.0588, 0.0667
CMYK	0.02, 0.00, 0.01, 0.06
HSL	156°, 14%, 93%
HSV	156°, 2%, 94%
XYZ	80.8537, 86.1554, 93.2571
YIQ	238.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

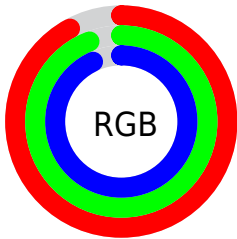
Format	Color
R _Y B	235, 238, 240
Decimal	15462638
CIE Lab	94.38, -2.01, 0.37
CIE LCh	94, 2.046, 169.478
Yxy	86.1554, 0.3107, 0.3310
Android (android.graphics.Color)	4293652718 (0xFFEBF0EE)
YUV	238.2770, -0.1366, -2.8739
Hunter-Lab	92.8199, -6.9469, 5.4047

Details

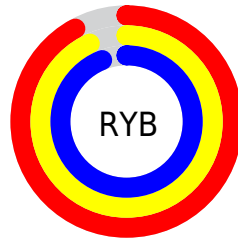
The XYZ color **80.8537, 86.1554, 93.2571** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.9328, 84.0587, 92.0845**, and the grayscale version is **81.4870, 85.7307, 93.3607**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1744, 47.2421, 51.0464** is the 20% darker color. If you saturate the color by 10%, you get **72.0838, 81.7956, 85.6717**, and if you desaturate by 10%, it is **89.2851, 90.3368, 101.2238**.

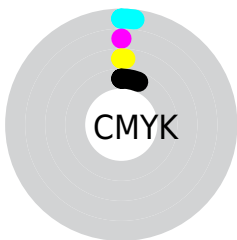
Distribution



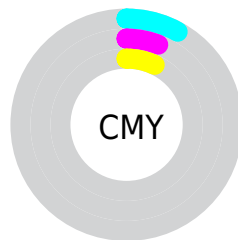
- Red (92%)
- Green (94%)
- Blue (93%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (8%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.8537, 86.1554, 93.2571 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 80.8537, 86.1554, 93.2571 by changing the saturation by 10% instead.

80.8537, 86.1554,
93.2571

80.8537, 86.1554,
93.2571

486.4981,
515.4435, 559.4113

60.7320, 64.7965,
70.0964

133.5096,
141.9863, 153.8293

44.2606, 47.2961,
51.1278

166.7744,
177.2271, 192.0778

31.0742, 33.2698,
35.9329

205.1510,
217.8640, 236.1927

20.8075, 22.3332,
24.0931

249.0048,
264.2814, 286.5925

13.0950, 14.1019,
15.1899

298.7010,
316.8636, 343.6957

7.5715, 8.1916,
8.8046

354.6050,

3.8715, 4.2178,

375.9951, 407.9209

4.5189

417.0823,
442.0603, 479.6865

■ 1.6297, 1.7961,
1.9141

■ 0.4116, 0.4848,
0.5017

■ 80.8537, 86.1554,
93.2571

■ 80.8537, 86.1554,
93.2571

■ 72.0838, 81.7956,
85.6717

■ 89.2851, 90.3368,
101.2238

■ 64.4124, 77.9911,
78.5235

■ 90.4517, 90.8035,
107.3672

■ 57.7952, 74.7217,
71.8060

■ 52.1824, 71.9617,
65.5105

■ 47.5198, 69.6834,
59.6278

■ 43.7479, 67.8563,
54.1485

■ 40.8002, 66.4462,
49.0626

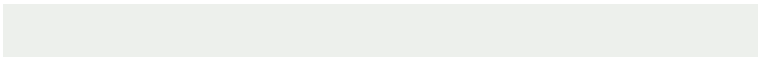
■ 38.6003, 65.4140,
44.3593

■ 37.0564, 64.7124,
40.0270

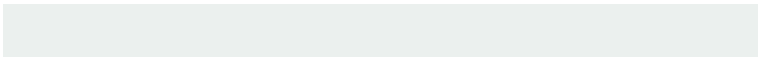
Harmonies

Analogous

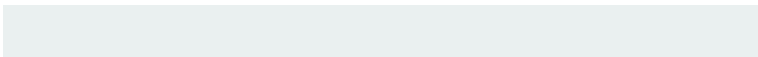
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0876, 86.1554, 91.8562



80.8537, 86.1554, 93.2571



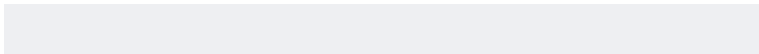
80.8961, 86.1554, 94.8212

Triad

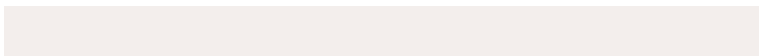
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.8537, 86.1554, 93.2571



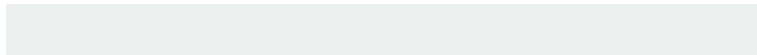
82.2409, 86.1554, 96.6904



82.5765, 86.1554, 91.5271

Complementary

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



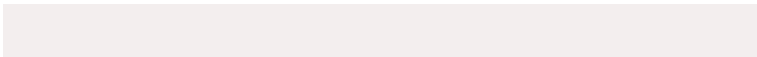
80.8537, 86.1554, 93.2571



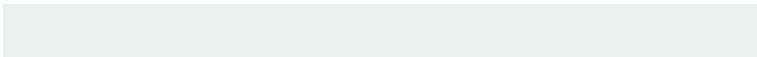
80.9328, 84.0587, 92.0845

Split Complementary

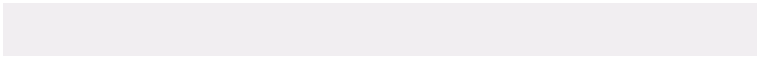
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8883, 86.1554, 92.8032



80.8537, 86.1554, 93.2571



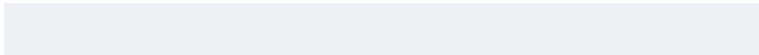
82.6939, 86.1554, 95.7884

Square

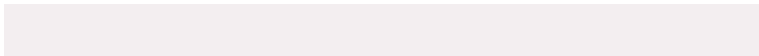
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



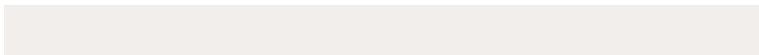
80.8537, 86.1554, 93.2571



81.6953, 86.1554, 96.8152



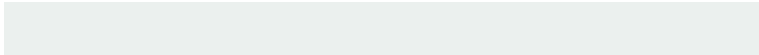
82.9313, 86.1554, 94.3622



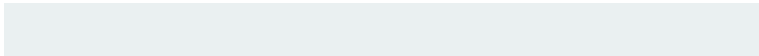
82.0812, 86.1554, 90.8649

Rectangle

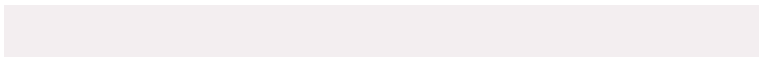
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



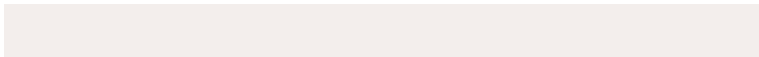
80.8537, 86.1554, 93.2571



81.0753, 86.1554, 95.7456



82.9313, 86.1554, 94.3622



82.7064, 86.1554, 91.8979

Sweetspot

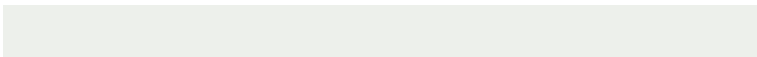
The Sweet Spot groups the original color and five complimentary colors.



80.8561, 86.1591, 93.2590



93.9540, 99.4540, 107.9927



81.1114, 86.3412, 90.9891



20.1216, 21.2930, 23.1245



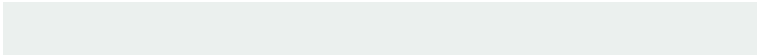
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

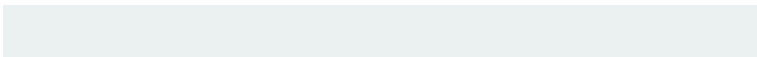
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8561, 86.1591, 93.2590



91.8019, 98.3821, 106.1937



81.0297, 86.0323, 94.7776



17.0419, 18.3519, 19.7618



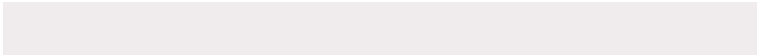
19.8758, 35.2424, 20.5270



1.7025, 2.9514, 1.9657

Inverse Universe

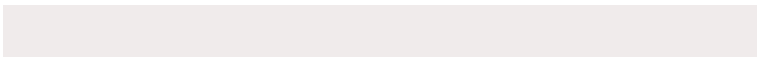
The Inverse Universe completely reimagines the original color for something new.



80.9328, 84.0587, 92.0845



91.9282, 94.9239, 104.2600



80.7611, 84.1813, 90.5907



17.0715, 17.5404, 19.3081



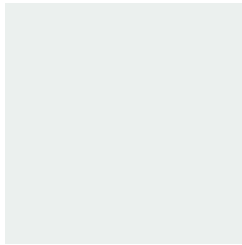
20.8917, 10.6291, 7.3462



1.7858, 0.9034, 0.8631

Previews

White Background



This preview shows how the XYZ color 80.8537, 86.1554, 93.2571 looks on a white background.

Color Contrast Check

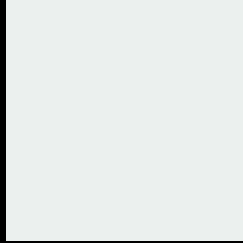
Large Text (above 18pt) WCAG AA × Fail

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 80.8537, 86.1554, 93.2571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

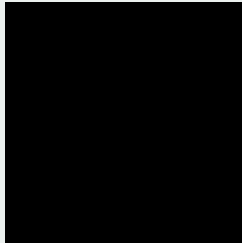
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

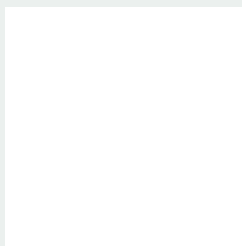
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8537, 86.1554, 93.2571

Background



This preview shows how black text looks on a background with the XYZ color 80.8537, 86.1554, 93.2571.



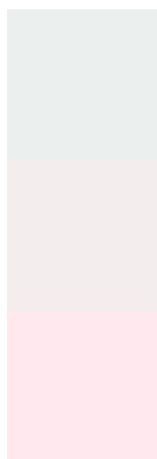
This preview shows how white text looks on a background with the XYZ color 80.8537, 86.1554,

93.2571.

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

80.8537, 86.1554, 93.2571

Protanopia

82.8227, 86.3182, 92.4166

Deuteranopia

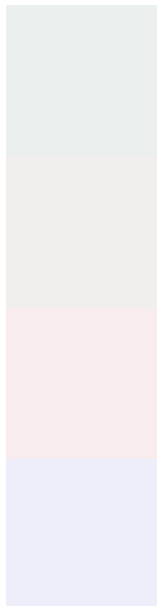
85.9589, 85.7698, 93.6861



Tritanopia

83.5941, 85.9655, 106.7949

Trichromacy



Original Color

80.8537, 86.1554, 93.2571

Protanomaly

82.0877, 86.3727, 92.4659

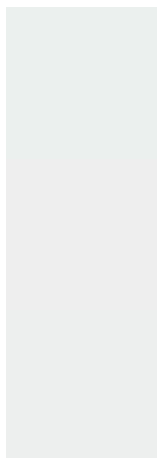
Deuteranomaly

84.2868, 86.1794, 93.8532

Tritanomaly

82.5985, 85.9931, 101.8675

Monochromacy



Original Color

80.8537, 86.1554, 93.2571

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.2242, 85.9106, 93.1903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8537, 86.1554, 93.2571 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, 240, 238) looks like.

```
.text, #text, p{  
    color:rgb(235, 240, 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(235, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 240, 238) }
```

Border

The CSS property to change the border of an element to XYZ 80.8537, 86.1554, 93.2571 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, 240, 238) }
```


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

```
.border{ border-color:rgb(235, 240, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 240, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 240, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 240, 238);  
box-shadow:4px 4px 4px 4px rgb(235, 240,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8537, 86.1554, 93.2571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 240, 238) }
```

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

```
.background{ background-color: rgb(235,  
240, 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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