

Converting Colors

XYZ(79.5285, 86.9784, 89.3923)

Have a look what the booklet for
XYZ(79.5285, 86.9784, 89.3923)
contains.

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Color

**XYZ(79.3917, 86.8074,
89.6619)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E6F3E9 |
| RGB | 230, 243, 233 |
| RGB Percent | 90%, 95%, 91% |
| CMY | 0.0980, 0.0470, 0.0863 |
| CMYK | 0.05, 0.00, 0.04, 0.05 |
| HSL | 134°, 35%, 93% |
| HSV | 134°, 5%, 95% |
| XYZ | 79.3917, 86.8074, 89.6619 |
| YIQ | 237.9730, -4.5380, -5.8660 |

Conversions

Conversions Part 2

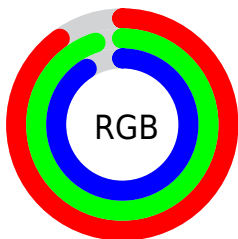
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 230, 241, 243 |
| Decimal | 15135721 |
| CIE Lab | 94.66, -6.08, 3.33 |
| CIE LCh | 95, 6.932, 151.332 |
| Yxy | 86.8074, 0.3103, 0.3393 |
| Android (android.graphics.Color) | 4293325801 (0xFFE6F3E9) |
| YUV | 237.9730, -2.4517, -6.9923 |
| Hunter-Lab | 93.1705, -10.9463, 8.1621 |

Details

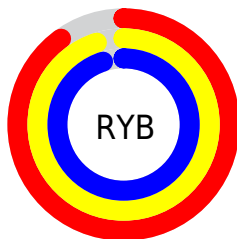
The XYZ color **79.3917, 86.8074, 89.6619** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.9903, 81.9418, 93.9900**, and the grayscale version is **81.2701, 85.5025, 93.1122**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1617, 47.7136, 48.5298** is the 20% darker color. If you saturate the color by 10%, you get **69.5999, 82.0544, 75.9943**, and if you desaturate by 10%, it is **90.5585, 92.2415, 104.8744**.

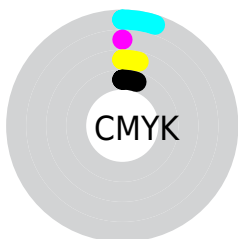
Distribution



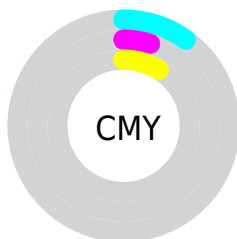
- Red (90%)
- Green (95%)
- Blue (91%)



- Red (90%)
- Yellow (95%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3917, 86.8074, 89.6619 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 79.3917, 86.8074, 89.6619 by changing the saturation by 10% instead.

79.3917, 86.8074,
89.6619

79.3917, 86.8074,
89.6619

481.6483,
517.5898, 547.4721

59.5247, 65.3358,
67.1281

131.4652,
142.8957, 148.8001

43.2836, 47.7334,
48.7265

164.4023,
178.2811, 186.2416

30.3032, 33.6158,
34.0385

202.4269,
219.0734, 229.4894

20.2180, 22.5986,
22.6456

245.9042,
265.6568, 278.9620

12.6628, 14.2974,
14.1292

295.1996,
318.4157, 335.0781

7.2722, 8.3278,
8.0708

350.6786,

3.6807, 4.3054,

377.7346, 398.2561

4.0519

412.7063,
443.9978, 468.9146

■ 1.5231, 1.8458,
1.6538

■ 0.3415, 0.5155,
0.3288

■ 79.3917, 86.8074,
89.6619

■ 79.3917, 86.8074,
89.6619

■ 69.5999, 82.0544,
75.9943

■ 90.5585, 92.2415,
104.8744

■ 61.1222, 77.9447,
63.8175

■ 91.3423, 92.5846,
107.6641

■ 53.9042, 74.4538,
53.0828

■ 47.8845, 71.5512,
43.7365

■ 42.9966, 69.2037,
35.7216

■ 39.1674, 67.3750,
28.9771

■ 36.3149, 66.0242,
23.4375

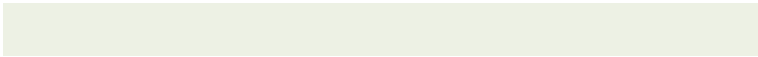
■ 34.3446, 65.1039,
19.0309

■ 33.1413, 64.5566,
15.6778

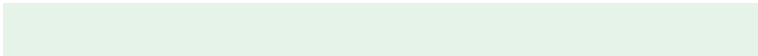
Harmonies

Analogous

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



80.6514, 86.8074, 85.9891



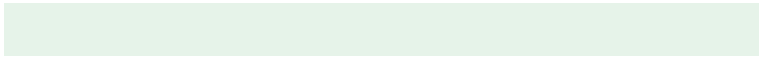
79.3917, 86.8074, 89.6619



78.9636, 86.8074, 94.7582

Triad

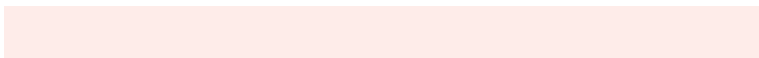
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3917, 86.8074, 89.6619



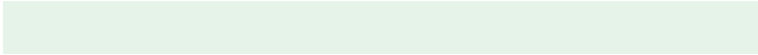
82.5915, 86.8074, 105.1964



85.6187, 86.8074, 89.2621

Complementary

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



79.3917, 86.8074, 89.6619



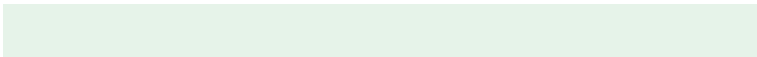
80.9903, 81.9418, 93.9900

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.



86.1565, 86.8074, 94.2792



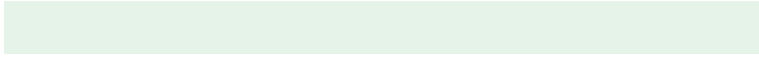
79.3917, 86.8074, 89.6619



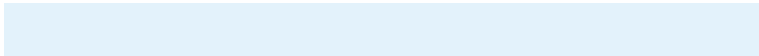
84.3925, 86.8074, 103.5941

Square

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



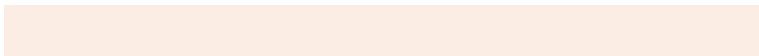
79.3917, 86.8074, 89.6619



80.7941, 86.8074, 103.8488



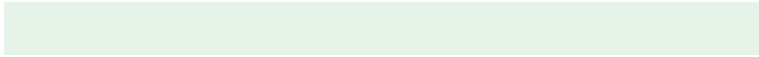
85.7044, 86.8074, 99.5474



84.2456, 86.8074, 85.7645

Rectangle

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



79.3917, 86.8074, 89.6619



79.2023, 86.8074, 98.3158



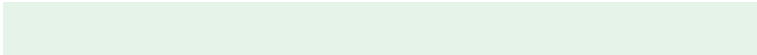
85.7044, 86.8074, 99.5474



85.9041, 86.8074, 90.8202

Sweetspot

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



79.3941, 86.8111, 89.6638



92.5732, 98.7954, 105.5204



82.3345, 88.3760, 87.5828



19.8404, 21.1589, 22.6212



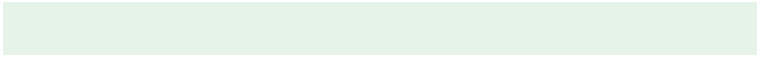
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

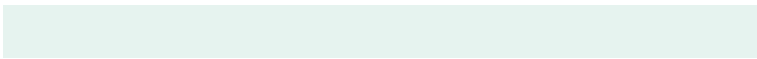
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3941, 86.8111, 89.6638



87.8058, 96.4778, 98.9704



80.3134, 87.1788, 94.5046



17.0676, 18.8402, 19.2017



18.0256, 35.3551, 8.1546



1.6222, 3.1225, 0.9162

Inverse Universe

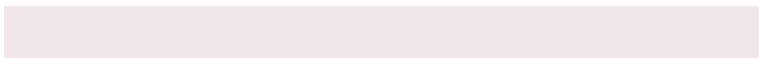
The Inverse Universe completely reimagines the original color for something new.



80.9903, 81.9418, 93.9900



89.7986, 90.3984, 104.3715



80.0675, 81.5727, 89.1307



17.4971, 17.5300, 20.3657



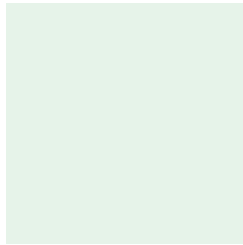
25.2595, 12.4472, 27.1385



2.2589, 1.1095, 2.5897

Previews

White Background



This preview shows how the XYZ color 79.3917, 86.8074, 89.6619 looks on a white background.

Color Contrast Check

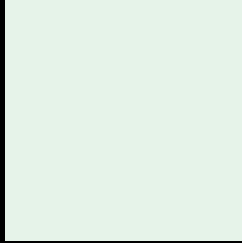
Large Text (above 18pt) WCAG AA × Fail

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 79.3917, 86.8074, 89.6619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

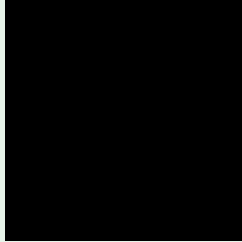
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

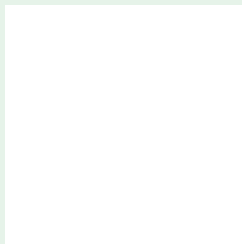
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3917, 86.8074, 89.6619

Background



This preview shows how black text looks on a background with the XYZ color 79.3917, 86.8074, 89.6619.



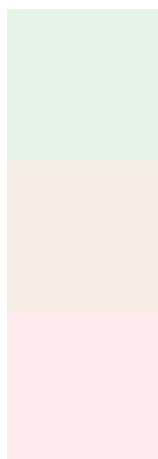
This preview shows how white text looks on a background with the XYZ color 79.3917, 86.8074,

89.6619.

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

79.3917, 86.8074, 89.6619

Protanopia

82.8635, 86.4551, 87.1830

Deuteranopia

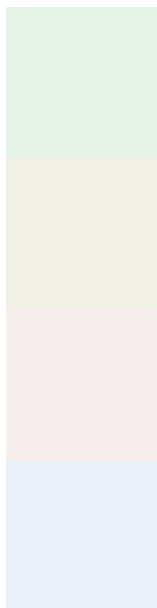
86.2344, 86.7911, 92.3281



Tritanopia

83.1775, 86.6152, 106.9422

Trichromacy



Original Color

79.3917, 86.8074, 89.6619

Protanomaly

81.5191, 86.6150, 88.0231

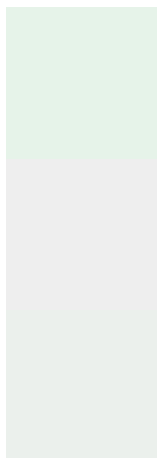
Deuteranomaly

83.7209, 86.7980, 91.6980

Tritanomaly

81.5529, 86.3592, 100.3664

Monochromacy



Original Color

79.3917, 86.8074, 89.6619

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.5614, 86.0385, 91.7179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3917, 86.8074, 89.6619 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(230, 243, 233) looks like.

```
.text, #text, p{  
    color:rgb(230, 243, 233)  
}
```

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(230, 243, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 243, 233) }
```

Border

The CSS property to change the border of an element to XYZ 79.3917, 86.8074, 89.6619 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(230, 243, 233) }
```


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

```
.border{ border-color:rgb(230, 243, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 243, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 243, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 243, 233);  
box-shadow:4px 4px 4px 4px rgb(230, 243,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3917, 86.8074, 89.6619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 243, 233) }
```

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

```
.background{ background-color: rgb(230,  
243, 233) }
```

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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