

Converting Colors

XYZ(79.0636, 86.4119, 90.5411)

Have a look what the booklet for
XYZ(79.0636, 86.4119, 90.5411)
contains.

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Color

**XYZ(79.2150, 86.6997,
90.4015)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E5F3EA |
| RGB | 229, 243, 234 |
| RGB Percent | 90%, 95%, 92% |
| CMY | 0.1020, 0.0470, 0.0823 |
| CMYK | 0.06, 0.00, 0.04, 0.05 |
| HSL | 141°, 37%, 93% |
| HSV | 141°, 6%, 95% |
| XYZ | 79.2150, 86.6997, 90.4015 |
| YIQ | 237.7880, -5.4550, -5.7670 |

Conversions

Conversions Part 2

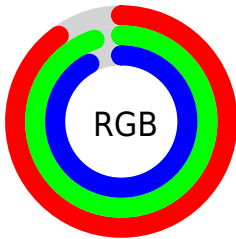
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 229, 239, 243 |
| Decimal | 15070186 |
| CIE Lab | 94.61, -6.23, 2.73 |
| CIE LCh | 95, 6.807, 156.333 |
| Yxy | 86.6997, 0.3091, 0.3383 |
| Android (android.graphics.Color) | 4293260266 (0xFFE5F3EA) |
| YUV | 237.7880, -1.8675, -7.7071 |
| Hunter-Lab | 93.1127, -11.0895, 7.6152 |

Details

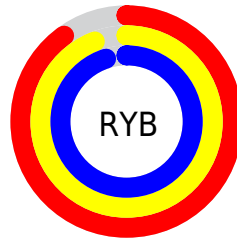
The XYZ color **79.2150, 86.6997, 90.4015** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.4173, 81.2687, 92.3412**, and the grayscale version is **81.1232, 85.3479, 92.9438**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2618, 47.7537, 49.0567** is the 20% darker color. If you saturate the color by 10%, you get **69.8511, 82.1229, 78.7587**, and if you desaturate by 10%, it is **89.8671, 91.9226, 103.1416**.

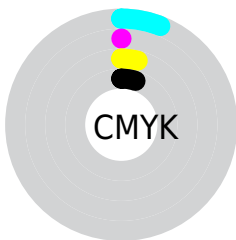
Distribution



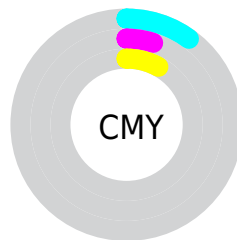
- Red (90%)
- Green (95%)
- Blue (92%)



- Red (90%)
- Yellow (94%)
- Blue (95%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2150, 86.6997, 90.4015 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 79.2150, 86.6997, 90.4015 by changing the saturation by 10% instead.

79.2150, 86.6997,
90.4015

79.2150, 86.6997,
90.4015

481.0603,
517.2356, 549.9398

59.3788, 65.2467,
67.7381

131.2178,
142.7455, 149.8364

43.1657, 47.6612,
49.2193

164.1152,
178.1071, 187.4449

30.2102, 33.5586,
34.4267

202.0970,
218.8737, 230.8722

20.1471, 22.5547,
22.9416

245.5286,
265.4297, 280.5369

12.6109, 14.2651,
14.3455

294.7754,
318.1595, 336.8575

7.2363, 8.3053,
8.2199

350.2027,

3.6580, 4.2909,

377.4475, 400.2525

4.1462

412.1759,
443.6780, 471.1404

■ 1.5105, 1.8376,
1.7059

■ 0.3330, 0.5104,
0.3647

■ 79.2150, 86.6997,
90.4015

■ 79.2150, 86.6997,
90.4015

■ 69.8511, 82.1229,
78.7587

■ 89.8671, 91.9226,
103.1416

■ 61.7181, 78.1560,
68.1785

■ 91.3422, 92.5845,
107.6641

■ 54.7654, 74.7758,
58.6328

■ 48.9355, 71.9534,
50.0900

■ 44.1664, 69.6576,
42.5169

■ 40.3896, 67.8535,
35.8784

■ 37.5280, 66.5024,
30.1373

■ 35.4925, 65.5591,
25.2537

■ 34.1739, 64.9681,
21.1841

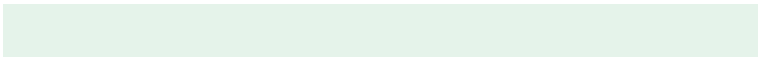
Harmonies

Analogous

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



80.3320, 86.6997, 86.4903



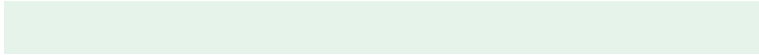
79.2150, 86.6997, 90.4015



78.9471, 86.6997, 95.5205

Triad

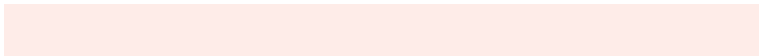
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2150, 86.6997, 90.4015



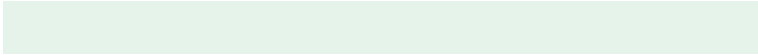
82.7954, 86.6997, 104.8081



85.2815, 86.6997, 88.5383

Complementary

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



79.2150, 86.6997, 90.4015



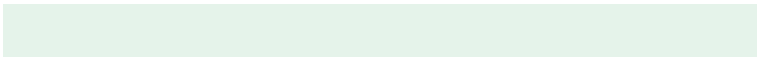
80.4173, 81.2687, 92.3412

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.



85.9633, 86.6997, 93.2907



79.2150, 86.6997, 90.4015



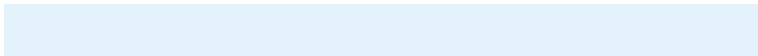
84.5143, 86.6997, 102.7805

Square

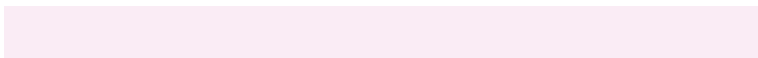
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



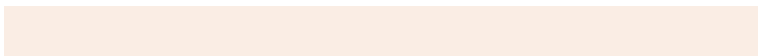
79.2150, 86.6997, 90.4015



80.9968, 86.6997, 103.9649



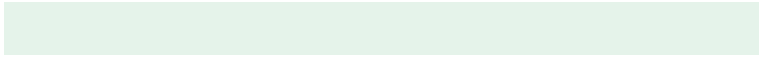
85.6805, 86.6997, 98.5172



83.8304, 86.6997, 85.4428

Rectangle

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



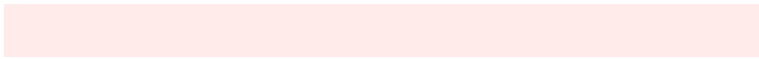
79.2150, 86.6997, 90.4015



79.2826, 86.6997, 98.9563



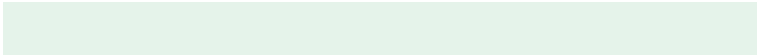
85.6805, 86.6997, 98.5172



85.6093, 86.6997, 89.9881

Sweetspot

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



79.2174, 86.7034, 90.4034



92.6750, 98.8361, 106.0565



81.4902, 87.9569, 86.8124



19.8612, 21.1672, 22.7304



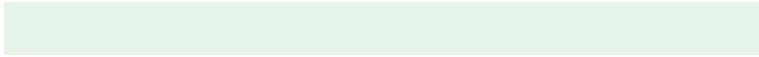
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

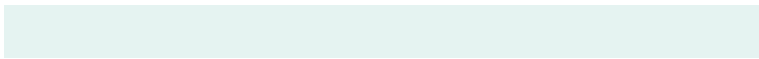
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2174, 86.7034, 90.4034



86.9920, 96.0531, 99.1640



80.2289, 87.1080, 95.7297



16.9269, 18.7656, 19.2848



18.5876, 35.5799, 11.1141



1.6808, 3.1460, 1.2252

Inverse Universe

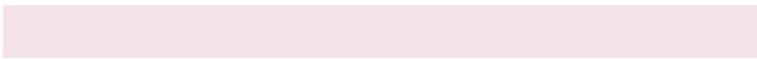
The Inverse Universe completely reimagines the original color for something new.



80.4173, 81.2687, 92.3412



88.6084, 88.7316, 101.7744



79.4221, 80.8706, 87.1007



17.2683, 17.2194, 19.8360



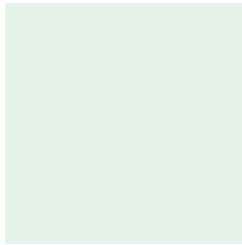
23.6573, 11.8064, 18.7018



2.1281, 1.0572, 1.9011

Previews

White Background



This preview shows how the XYZ color 79.2150, 86.6997, 90.4015 looks on a white background.

Color Contrast Check

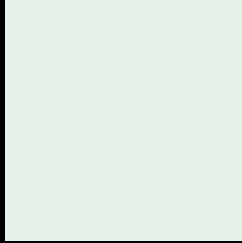
Large Text (above 18pt) WCAG AA × Fail

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 79.2150, 86.6997, 90.4015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

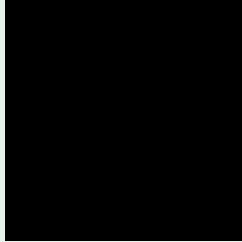
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

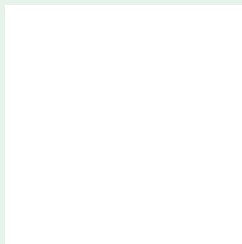
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2150, 86.6997, 90.4015

Background



This preview shows how black text looks on a background with the XYZ color 79.2150, 86.6997, 90.4015.



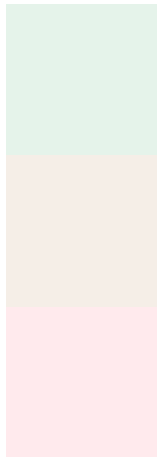
This preview shows how white text looks on a background with the XYZ color 79.2150, 86.6997,

90.4015.

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

79.2150, 86.6997, 90.4015

Protanopia

82.6545, 86.3311, 87.9085

Deuteranopia

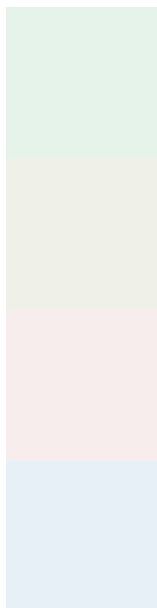
85.9489, 86.2201, 92.2329



Tritanopia

82.8482, 86.4454, 106.9268

Trichromacy



Original Color

79.2150, 86.6997, 90.4015

Protanomaly

81.3222, 86.4971, 88.7534

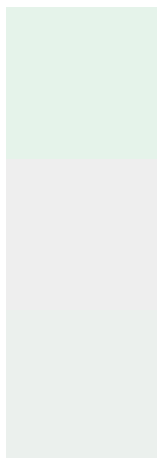
Deuteranomaly

83.4305, 86.2173, 91.6012

Tritanomaly

81.2273, 86.1914, 100.3512

Monochromacy



Original Color

79.2150, 86.6997, 90.4015

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.7071, 86.0968, 92.4854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2150, 86.6997, 90.4015 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(229, 243, 234) looks like.

```
.text, #text, p{  
    color:rgb(229, 243, 234)  
}
```

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(229, 243, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 243, 234) }
```

Border

The CSS property to change the border of an element to XYZ 79.2150, 86.6997, 90.4015 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(229, 243, 234) }
```


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

```
.border{ border-color:rgb(229, 243, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 243, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 243, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 243, 234);  
box-shadow:4px 4px 4px 4px rgb(229, 243,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2150, 86.6997, 90.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 243, 234) }
```

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

```
.background{ background-color: rgb(229,  
243, 234) }
```

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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