

Converting Colors

XYZ(79.7208, 87.6183, 92.8493)

Have a look what the booklet for
XYZ(79.7208, 87.6183, 92.8493)
contains.

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Color

**XYZ(79.9334, 87.9132,
92.8768)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F5ED
RGB	228, 245, 237
RGB Percent	89%, 96%, 93%
CMY	0.1059, 0.0392, 0.0706
CMYK	0.07, 0.00, 0.03, 0.04
HSL	152°, 46%, 93%
HSV	152°, 7%, 96%
XYZ	79.9334, 87.9132, 92.8768
YIQ	239.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

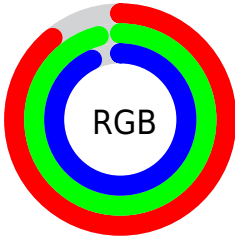
Format	Color
R _Y B	228, 239, 245
Decimal	15005165
CIE Lab	95.12, -7.03, 1.92
CIE LCh	95, 7.287, 164.741
Yxy	87.9132, 0.3066, 0.3372
Android (android.graphics.Color)	4293195245 (0xFFE4F5ED)
YUV	239.0050, -0.9885, -9.6514
Hunter-Lab	93.7620, -11.9099, 6.9032

Details

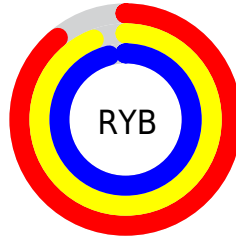
The XYZ color **79.9334, 87.9132, 92.8768** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.5431, 80.9577, 90.7424**, and the grayscale version is **82.0618, 86.3354, 94.0192**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7717, 48.6156, 50.7928** is the 20% darker color. If you saturate the color by 10%, you get **71.0742, 83.5370, 83.9485**, and if you desaturate by 10%, it is **90.0075, 92.9080, 102.4313**.

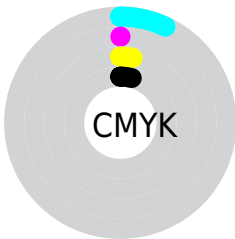
Distribution



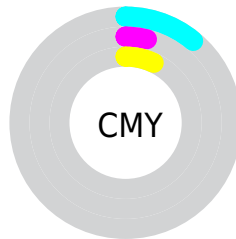
- Red (89%)
- Green (96%)
- Blue (93%)



- Red (89%)
- Yellow (94%)
- Blue (96%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9334, 87.9132, 92.8768 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 79.9334, 87.9132, 92.8768 by changing the saturation by 10% instead.

79.9334, 87.9132,
92.8768

79.9334, 87.9132,
92.8768

483.4483,
521.2189, 558.1550

59.9718, 66.2512,
69.7820

132.2231,
144.4363, 153.2983

43.6453, 48.4763,
50.8731

165.2820,
180.0662, 191.4620

30.5885, 34.2043,
35.7316

203.4373,
221.1208, 235.4858

20.4360, 23.0506,
23.9389

247.0544,
267.9846, 285.7883

12.8224, 14.6308,
15.0766

296.4987,
321.0419, 342.7879

7.3825, 8.5607,
8.7259

352.1356,

3.7509, 4.4558,

380.6771, 406.9032

4.4685

414.3303,
447.2747, 478.5527

■ 1.5622, 1.9316,
1.8857

■ 0.3676, 0.5673,
0.4836

■ 79.9334, 87.9132,
92.8768

■ 79.9334, 87.9132,
92.8768

■ 71.0742, 83.5370,
83.9485

■ 90.0075, 92.9080,
102.4313

■ 63.3742, 79.7437,
75.6279

■ 91.9441, 93.7881,
107.8647

■ 56.7845, 76.5108,
67.9036

■ 51.2498, 73.8099,
60.7618

■ 46.7096, 71.6101,
54.1882

■ 43.0972, 69.8773,
48.1677

■ 40.3369, 68.5729,
42.6843

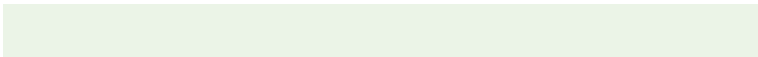
■ 38.3406, 67.6515,
37.7211

■ 36.9960, 67.0558,
33.2593

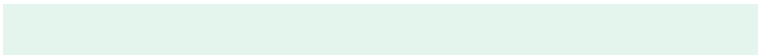
Harmonies

Analogous

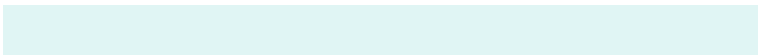
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9031, 87.9132, 88.1724



79.9334, 87.9132, 92.8768



79.9247, 87.9132, 98.5287

Triad

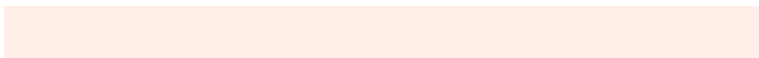
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9334, 87.9132, 92.8768



84.5330, 87.9132, 106.6783



86.2970, 87.9132, 88.2385

Complementary

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



79.9334, 87.9132, 92.8768



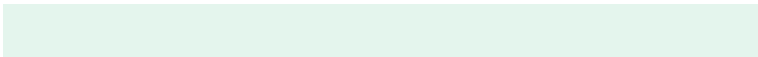
80.5431, 80.9577, 90.7424

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.



87.3015, 87.9132, 92.9702



79.9334, 87.9132, 92.8768



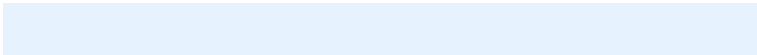
86.2722, 87.9132, 103.6918

Square

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



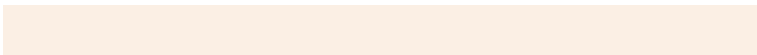
79.9334, 87.9132, 92.8768



82.5592, 87.9132, 106.6508



87.2923, 87.9132, 98.6258



84.5665, 87.9132, 85.5675

Rectangle

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



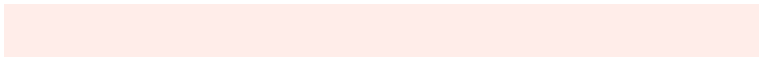
79.9334, 87.9132, 92.8768



80.4641, 87.9132, 102.0825



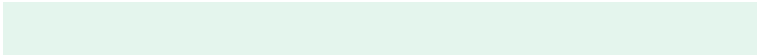
87.2923, 87.9132, 98.6258



86.7320, 87.9132, 89.6323

Sweetspot

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



79.9359, 87.9169, 92.8787



92.8144, 98.8919, 106.7905



81.3232, 88.7803, 86.2502



19.8895, 21.1785, 22.8798



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.



79.9359, 87.9169, 92.8787



86.4312, 95.7310, 100.6273



81.0461, 88.2240, 99.1479



16.6488, 18.6186, 19.4347



19.8202, 36.0729, 17.6047



1.7939, 3.1912, 1.8207

Inverse Universe

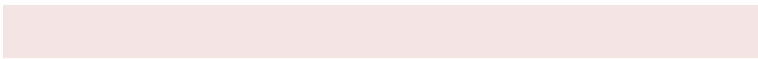
The Inverse Universe completely reimagines the original color for something new.



80.5431, 80.9577, 90.7424



87.1938, 86.9918, 97.9446



79.4839, 80.6589, 84.7796



16.8238, 16.6124, 18.8188



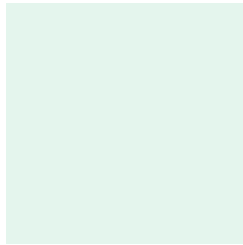
22.0320, 11.1562, 10.1427



1.9879, 1.0011, 1.1626

Previews

White Background



This preview shows how the XYZ color 79.9334, 87.9132, 92.8768 looks on a white background.

Color Contrast Check

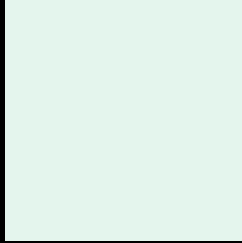
Large Text (above 18pt) WCAG AA × Fail

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 79.9334, 87.9132, 92.8768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

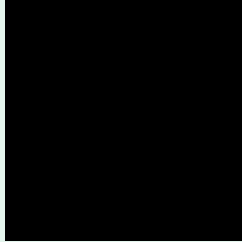
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

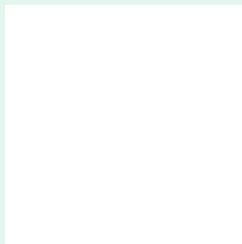
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9334, 87.9132, 92.8768

Background



This preview shows how black text looks on a background with the XYZ color 79.9334, 87.9132, 92.8768.



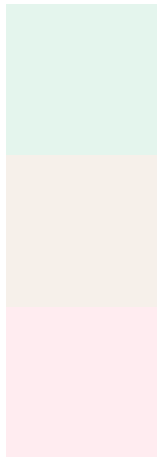
This preview shows how white text looks on a background with the XYZ color 79.9334, 87.9132,

92.8768.

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

79.9334, 87.9132, 92.8768

Protanopia

84.0174, 87.8535, 90.3711

Deuteranopia

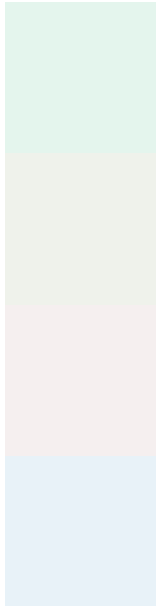
86.9636, 87.5422, 94.7519



Tritanopia

83.4370, 87.6230, 107.1231

Trichromacy



Original Color

79.9334, 87.9132, 92.8768

Protanomaly

82.3441, 87.8531, 91.2146

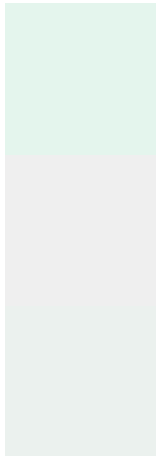
Deuteranomaly

84.1027, 87.3775, 94.0942

Tritanomaly

81.9741, 87.4374, 101.3635

Monochromacy



Original Color

79.9334, 87.9132, 92.8768

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.1489, 86.7458, 93.3555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9334, 87.9132, 92.8768 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(228, 245, 237) looks like.

```
.text, #text, p{  
    color:rgb(228, 245, 237)  
}
```

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(228, 245, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 245, 237) }
```

Border

The CSS property to change the border of an element to XYZ 79.9334, 87.9132, 92.8768 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(228, 245, 237) }
```


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

```
.border{ border-color:rgb(228, 245, 237) }
```

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

Here you see how a box with a 4 pixel rgb(228, 245, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 245, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 245, 237);  
box-shadow:4px 4px 4px 4px rgb(228, 245,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9334, 87.9132, 92.8768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 245, 237) }
```

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

```
.background{ background-color: rgb(228,  
245, 237) }
```

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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