

Converting Colors

XYZ(79.5351, 86.8569, 94.0320)

Have a look what the booklet for
XYZ(79.5351, 86.8569, 94.0320)
contains.

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Color

**XYZ(79.6255, 86.8272,
94.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F3EF
RGB	228, 243, 239
RGB Percent	89%, 95%, 94%
CMY	0.1059, 0.0470, 0.0627
CMYK	0.06, 0.00, 0.02, 0.05
HSL	164°, 38%, 92%
HSV	164°, 6%, 95%
XYZ	79.6255, 86.8272, 94.2240
YIQ	238.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

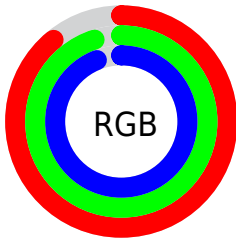
Format	Color
R _Y B	228, 237, 243
Decimal	15004655
CIE Lab	94.66, -5.66, 0.21
CIE LCh	95, 5.660, 177.845
Yxy	86.8272, 0.3055, 0.3331
Android (android.graphics.Color)	4293194735 (0xFFE4F3EF)
YUV	238.0590, 0.4639, -8.8217
Hunter-Lab	93.1811, -10.5344, 5.2732

Details

The XYZ color **79.6255, 86.8272, 94.2240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.2742, 80.3699, 87.6828**, and the grayscale version is **81.3166, 85.5514, 93.1655**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5511, 47.8438, 51.7391** is the 20% darker color. If you saturate the color by 10%, you get **71.5113, 82.7553, 88.9339**, and if you desaturate by 10%, it is **88.8625, 91.4788, 99.7497**.

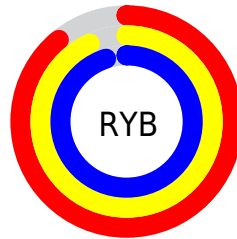
Distribution



Red (89%)

Green (95%)

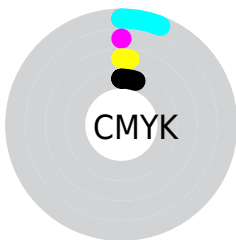
Blue (94%)



Red (89%)

Yellow (93%)

Blue (95%)

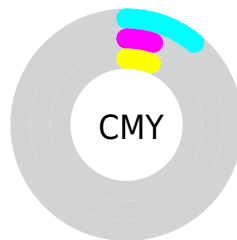


Cyan (6%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (11%)

Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6255, 86.8272, 94.2240 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 79.6255, 86.8272, 94.2240 by changing the saturation by 10% instead.

79.6255, 86.8272,
94.2240

79.6255, 86.8272,
94.2240

482.4256,
517.6549, 562.5985

59.7176, 65.3522,
70.8960

131.7924,
142.9233, 155.1784

43.4397, 47.7467,
51.7760

164.7821,
178.3131, 193.6419

30.4263, 33.6264,
36.4455

202.8631,
219.1101, 237.9876

20.3120, 22.6067,
24.4861

246.4008,
265.6985, 288.6341

12.7316, 14.3034,
15.4791

295.7606,
318.4628, 345.9999

7.3197, 8.3320,
9.0059

351.3077,

3.7110, 4.3081,

377.7874, 410.5035

4.6482

413.4076,
444.0566, 482.5635

■ 1.5399, 1.8474,
1.9873

■ 0.3528, 0.5164,
0.5474

■ 79.6255, 86.8272,
94.2240

■ 79.6255, 86.8272,
94.2240

■ 71.5113, 82.7553,
88.9339

■ 88.8625, 91.4788,
99.7497

■ 64.4673, 79.2288,
83.8697

■ 90.8584, 92.3910,
105.1160

■ 58.4475, 76.2264,
79.0292

■ 91.3423, 92.5845,
107.6641

■ 53.3996, 73.7211,
74.4079

■ 49.2666, 71.6838,
70.0013

■ 45.9855, 70.0818,
65.8045

■ 43.4850, 68.8785,
61.8120

■ 41.6817, 68.0310,
58.0180

■ 40.4722, 67.4859,
54.4154

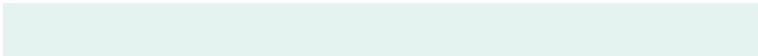
Harmonies

Analogous

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



80.0643, 86.8272, 90.1324



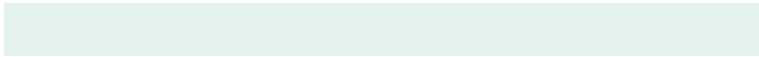
79.6255, 86.8272, 94.2240



79.9561, 86.8272, 98.5247

Triad

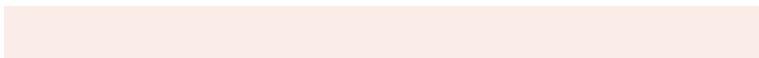
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6255, 86.8272, 94.2240



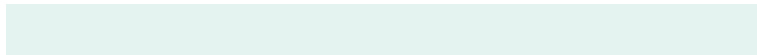
83.9065, 86.8272, 102.1767



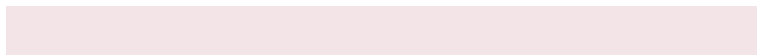
84.1001, 86.8272, 87.5942

Complementary

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



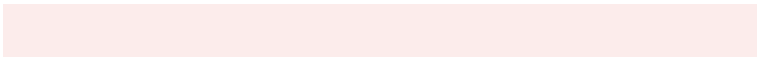
79.6255, 86.8272, 94.2240



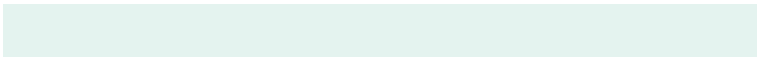
79.2742, 80.3699, 87.6828

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.



85.1517, 86.8272, 90.6643



79.6255, 86.8272, 94.2240



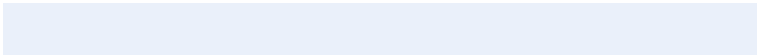
85.0390, 86.8272, 99.0891

Square

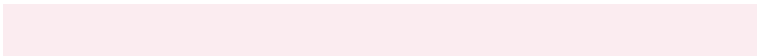
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6255, 86.8272, 94.2240



82.4162, 86.8272, 103.1998



85.4974, 86.8272, 94.8568



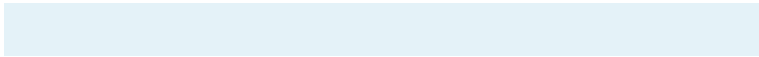
82.6372, 86.8272, 86.3789

Rectangle

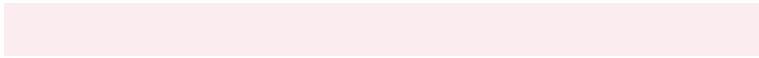
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



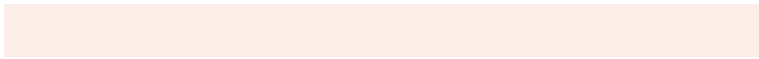
79.6255, 86.8272, 94.2240



80.5706, 86.8272, 100.9157



85.4974, 86.8272, 94.8568



84.5141, 86.8272, 88.4387

Sweetspot

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



79.6280, 86.8309, 94.2259



92.9801, 98.9582, 107.6634



79.4169, 86.9042, 85.9885



19.9233, 21.1920, 23.0575



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

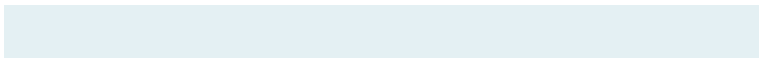
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6280, 86.8309, 94.2259



88.0276, 96.4673, 104.6177



79.2619, 85.1415, 97.0549



17.1457, 18.8532, 20.4369



22.0683, 36.9722, 29.4433



1.9821, 3.2665, 2.8114

Inverse Universe

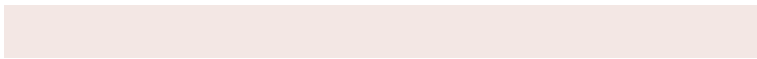
The Inverse Universe completely reimagines the original color for something new.



79.2742, 80.3699, 87.6828



87.5816, 88.3209, 96.3677



79.6146, 81.9505, 85.0219



17.0515, 17.1327, 18.6946



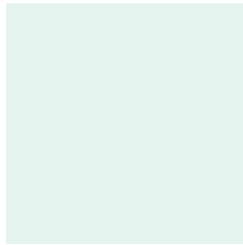
20.8549, 10.6854, 3.9443



1.8739, 0.9555, 0.5623

Previews

White Background



This preview shows how the XYZ color 79.6255, 86.8272, 94.2240 looks on a white background.

Color Contrast Check

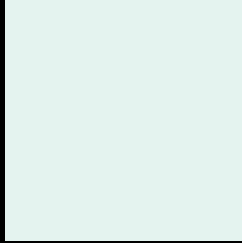
Large Text (above 18pt) WCAG AA × Fail

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 79.6255, 86.8272, 94.2240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

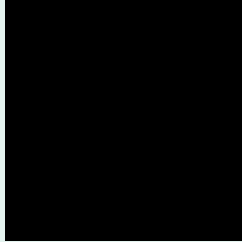
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

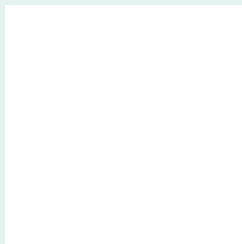
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6255, 86.8272, 94.2240

Background



This preview shows how black text looks on a background with the XYZ color 79.6255, 86.8272, 94.2240.



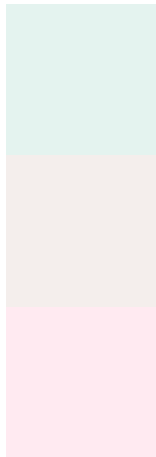
This preview shows how white text looks on a background with the XYZ color 79.6255, 86.8272,

94.2240.

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

79.6255, 86.8272, 94.2240

Protanopia

83.0231, 86.4383, 91.6654

Deuteranopia

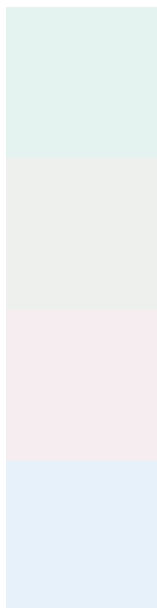
86.5400, 86.4565, 95.3457



Tritanopia

82.8144, 86.8638, 107.0093

Trichromacy



Original Color

79.6255, 86.8272, 94.2240

Protanomaly

81.7060, 86.6117, 92.5321

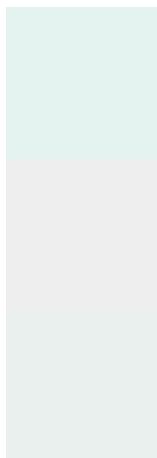
Deuteranomaly

83.6686, 86.2721, 94.6805

Tritanomaly

81.5092, 86.7391, 102.0689

Monochromacy



Original Color

79.6255, 86.8272, 94.2240

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.5244, 85.9856, 93.2417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6255, 86.8272, 94.2240 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, 243, 239) looks like.

```
.text, #text, p{  
    color:rgb(228, 243, 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(228, 243, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 243, 239) }
```

Border

The CSS property to change the border of an element to XYZ 79.6255, 86.8272, 94.2240 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, 243, 239) }
```


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

```
.border{ border-color:rgb(228, 243, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 243, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 243, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 243, 239);  
box-shadow:4px 4px 4px 4px rgb(228, 243,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6255, 86.8272, 94.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 243, 239) }
```

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

```
.background{ background-color: rgb(228,  
243, 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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