

Converting Colors

XYZ(79.4306, 86.4088, 91.7620)

Have a look what the booklet for
XYZ(79.4306, 86.4088, 91.7620)
contains.

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Color

**XYZ(79.5256, 86.3834,
91.8391)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F2EC
RGB	230, 242, 236
RGB Percent	90%, 95%, 93%
CMY	0.0980, 0.0510, 0.0745
CMYK	0.05, 0.00, 0.02, 0.05
HSL	150°, 32%, 93%
HSV	150°, 5%, 95%
XYZ	79.5256, 86.3834, 91.8391
YIQ	237.7280, -5.2260, -4.4100

Conversions

Conversions Part 2

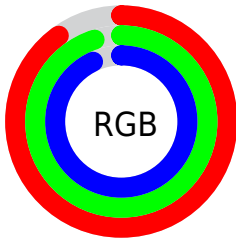
Format	Color
R _Y B	230, 238, 242
Decimal	15135468
CIE Lab	94.48, -5.04, 1.51
CIE LCh	94, 5.261, 163.331
Yxy	86.3834, 0.3085, 0.3351
Android (android.graphics.Color)	4293325548 (0xFFE6F2EC)
YUV	237.7280, -0.8519, -6.7775
Hunter-Lab	92.9427, -9.9177, 6.4739

Details

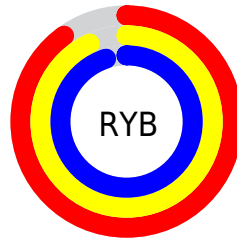
The XYZ color **79.5256, 86.3834, 91.8391** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.0583, 81.5293, 90.8783**, and the grayscale version is **81.0691, 85.2910, 92.8819**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2527, 47.4118, 50.0517** is the 20% darker color. If you saturate the color by 10%, you get **70.5929, 81.9772, 82.5508**, and if you desaturate by 10%, it is **89.6606, 91.4005, 101.8095**.

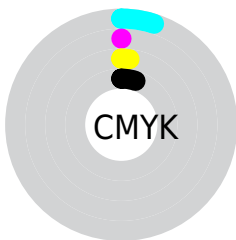
Distribution



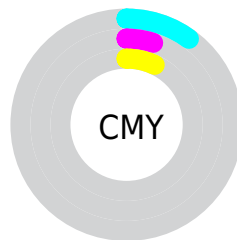
- Red (90%)
- Green (95%)
- Blue (93%)



- Red (90%)
- Yellow (93%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5256, 86.3834, 91.8391 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 79.5256, 86.3834, 91.8391 by changing the saturation by 10% instead.

79.5256, 86.3834,
91.8391

79.5256, 86.3834,
91.8391

482.0936,
516.1946, 554.7191

59.6352, 64.9851,
68.9247

131.6526,
142.3044, 151.8481

43.3730, 47.4490,
50.1790

164.6198,
177.5958, 189.7798

30.3737, 33.3907,
35.1835

202.6767,
218.2871, 233.5544

20.2719, 22.4259,
23.5196

246.1887,
264.7626, 283.5904

12.7022, 14.1702,
14.7687

295.5210,
317.4067, 340.3063

7.2994, 8.2391,
8.5124

351.0390,

3.6980, 4.2483,

376.6038, 404.1207

4.3321

413.1080,
442.7383, 475.4521

■ 1.5328, 1.8134,
1.8092

■ 0.3480, 0.4955,
0.4340

■ 79.5256, 86.3834,
91.8391

■ 79.5256, 86.3834,
91.8391

■ 70.5929, 81.9772,
82.5508

■ 89.6606, 91.4005,
101.8095

■ 62.8086, 78.1471,
73.9244

■ 91.0438, 91.9876,
107.5646

■ 56.1256, 74.8716,
65.9469

■ 50.4906, 72.1234,
58.6029

■ 45.8455, 69.8728,
51.8761

■ 42.1265, 68.0873,
45.7495

■ 39.2617, 66.7302,
40.2054

■ 37.1678, 65.7588,
35.2245

■ 35.7431, 65.1212,
30.7865

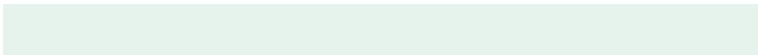
Harmonies

Analogous

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



80.2517, 86.3834, 88.5013



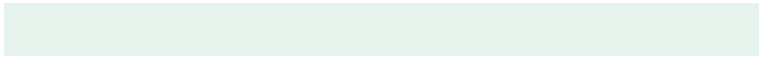
79.5256, 86.3834, 91.8391



79.4854, 86.3834, 95.8651

Triad

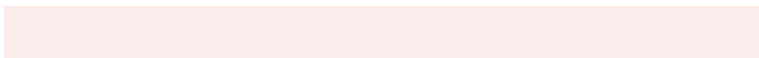
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5256, 86.3834, 91.8391



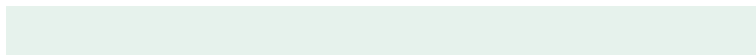
82.7338, 86.3834, 101.8454



84.1001, 86.3834, 88.8100

Complementary

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



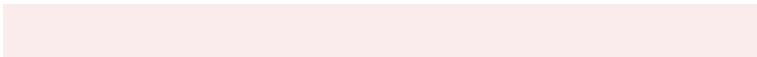
79.5256, 86.3834, 91.8391



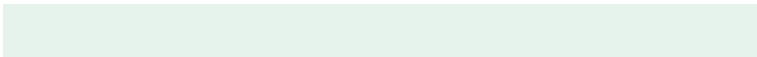
80.0583, 81.5293, 90.8783

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.



84.7811, 86.3834, 92.2714



79.5256, 86.3834, 91.8391



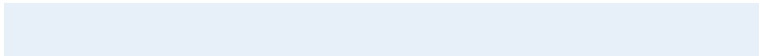
83.9862, 86.3834, 99.8401

Square

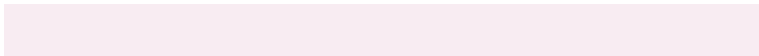
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



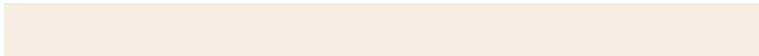
79.5256, 86.3834, 91.8391



81.3268, 86.3834, 101.7215



84.7392, 86.3834, 96.3100



82.8878, 86.3834, 86.7872

Rectangle

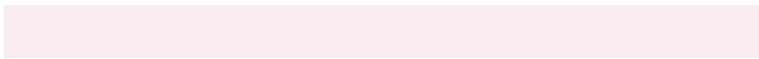
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



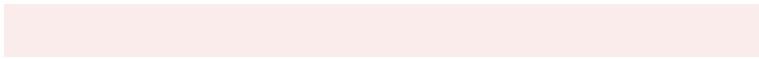
79.5256, 86.3834, 91.8391



79.8523, 86.3834, 98.4041



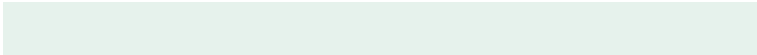
84.7392, 86.3834, 96.3100



84.3994, 86.3834, 89.8395

Sweetspot

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



79.5280, 86.3871, 91.8410



93.9134, 99.4377, 107.7785



80.6967, 87.0886, 87.4208



20.1133, 21.2897, 23.0809



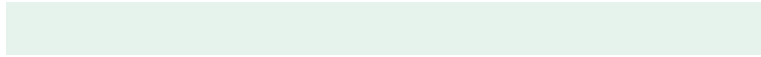
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

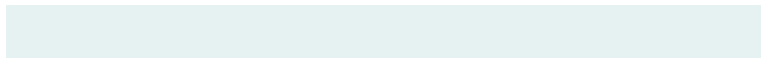
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5280, 86.3871, 91.8410



88.4356, 96.7297, 102.2868



80.3853, 86.7300, 96.3551



16.4444, 18.0593, 19.0367



18.9793, 34.8837, 15.8057



1.6291, 2.9221, 1.5793

Inverse Universe

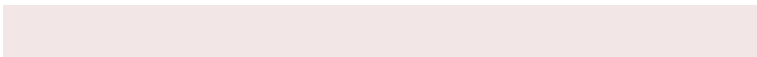
The Inverse Universe completely reimagines the original color for something new.



80.0583, 81.5293, 90.8783



89.1548, 90.1409, 100.9811



79.2284, 81.1973, 86.5084



16.5922, 16.7050, 18.7683



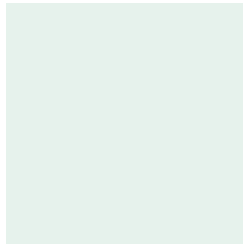
21.5958, 10.9107, 11.0539



1.8468, 0.9278, 1.1840

Previews

White Background



This preview shows how the XYZ color 79.5256, 86.3834, 91.8391 looks on a white background.

Color Contrast Check

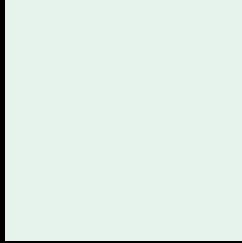
Large Text (above 18pt) WCAG AA × Fail

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 79.5256, 86.3834, 91.8391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

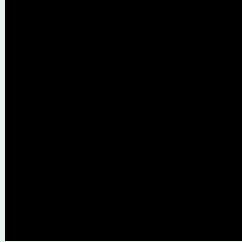
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

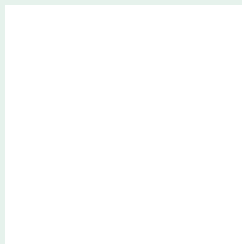
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5256, 86.3834, 91.8391

Background



This preview shows how black text looks on a background with the XYZ color 79.5256, 86.3834, 91.8391.



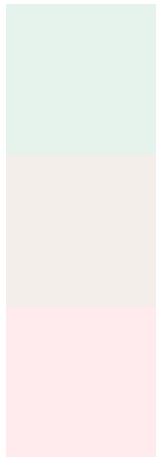
This preview shows how white text looks on a background with the XYZ color 79.5256, 86.3834,

91.8391.

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

79.5256, 86.3834, 91.8391

Protanopia

82.7340, 86.3227, 90.1433

Deuteranopia

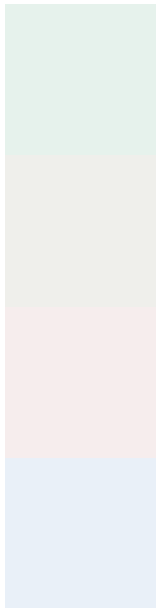
86.0954, 86.2787, 93.0047



Tritanopia

82.8482, 86.4454, 106.9268

Trichromacy



Original Color

79.5256, 86.3834, 91.8391

Protanomaly

81.4585, 86.0819, 90.9194

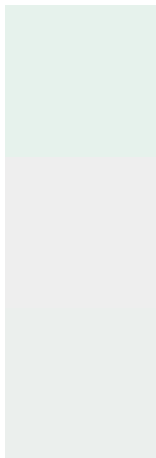
Deuteranomaly

83.5763, 86.2756, 92.3687

Tritanomaly

81.7076, 86.4211, 101.1814

Monochromacy



Original Color

79.5256, 86.3834, 91.8391

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.4135, 85.5096, 92.3875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5256, 86.3834, 91.8391 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, 242, 236) looks like.

```
.text, #text, p{  
    color:rgb(230, 242, 236)  
}
```

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, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 242, 236) }
```

Border

The CSS property to change the border of an element to XYZ 79.5256, 86.3834, 91.8391 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, 242, 236) }
```


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

```
.border{ border-color:rgb(230, 242, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(230, 242,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5256, 86.3834, 91.8391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 242, 236) }
```

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

```
.background{ background-color: rgb(230,  
242, 236) }
```

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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