

Converting Colors

XYZ(81.0198, 86.9811, 99.7076)

Have a look what the booklet for
XYZ(81.0198, 86.9811, 99.7076)
contains.

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Color

**XYZ(81.0198, 86.9811,
99.7076)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F2F6
RGB	230, 242, 246
RGB Percent	90%, 95%, 96%
CMY	0.0980, 0.0510, 0.0353
CMYK	0.07, 0.02, 0.00, 0.04
HSL	195°, 47%, 93%
HSV	195°, 7%, 96%
XYZ	81.0198, 86.9811, 99.7076
YIQ	238.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

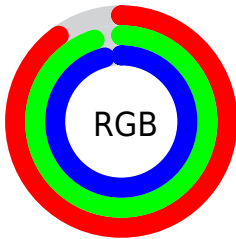
Format	Color
R _Y B	230, 237, 246
Decimal	15135478
CIE Lab	94.73, -3.20, -3.30
CIE LCh	95, 4.600, 225.877
Yxy	86.9811, 0.3026, 0.3249
Android (android.graphics.Color)	4293325558 (0xFFE6F2F6)
YUV	238.8680, 3.5161, -7.7772
Hunter-Lab	93.2637, -8.1453, 1.8980

Details

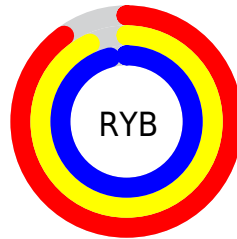
The XYZ color **81.0198, 86.9811, 99.7076** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.7120, 84.1509, 86.8003**, and the grayscale version is **81.9217, 86.1881, 93.8588**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3087, 47.8342, 55.6128** is the 20% darker color. If you saturate the color by 10%, you get **71.8782, 79.6014, 98.7663**, and if you desaturate by 10%, it is **91.3420, 95.0654, 100.7253**.

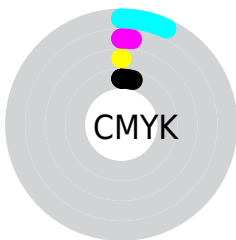
Distribution



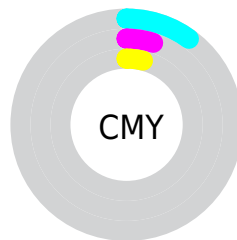
- Red (90%)
- Green (95%)
- Blue (96%)



- Red (90%)
- Yellow (93%)
- Blue (96%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (10%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0198, 86.9811, 99.7076 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 81.0198, 86.9811, 99.7076 by changing the saturation by 10% instead.

81.0198, 86.9811,
99.7076

81.0198, 86.9811,
99.7076

487.0474,
518.1608, 580.4935

60.8693, 65.4796,
75.4408

133.7416,
143.1378, 162.8037

44.3718, 47.8500,
55.4702

167.0435,
178.5617, 202.4701

31.1621, 33.7082,
39.3772

205.4600,
219.3953, 248.1067

20.8747, 22.6695,
26.7432

249.3563,
266.0228, 300.1323

13.1444, 14.3496,
17.1497

299.0978,
318.8287, 358.9652

7.6057, 8.3643,
10.1782

355.0500,

3.8934, 4.3289,

378.1974, 425.0240

5.4101

417.5780,
444.5133, 498.7272

■ 1.6420, 1.8592,
2.4269

■ 0.4195, 0.5237,
0.8011

■ 81.0198, 86.9811,
99.7076

■ 81.0198, 86.9811,
99.7076

■ 71.8782, 79.6014,
98.7663

■ 91.3420, 95.0654,
100.7253

■ 63.8625, 72.8901,
97.8934

■ 93.4099, 98.9842,
101.3727

■ 56.9252, 66.8241,
97.0882

■ 93.6348, 99.4339,
101.4477

■ 51.0119, 61.3746,
96.3480

■ 46.0635, 56.5100,
95.6698

■ 42.0145, 52.1958,
95.0505

■ 38.7908, 48.3928,
94.4864

■ 36.3058, 45.0554,
93.9731

■ 34.4510, 42.1265,
93.5056

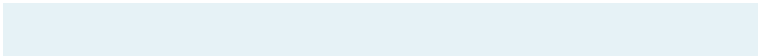
Harmonies

Analogous

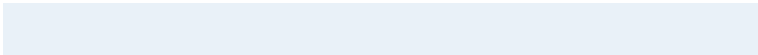
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3949, 86.9811, 96.5929



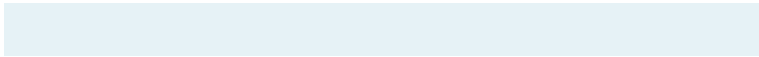
81.0198, 86.9811, 99.7076



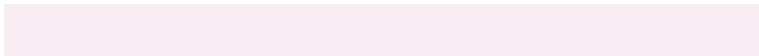
82.0910, 86.9811, 101.5032

Triad

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



81.0198, 86.9811, 99.7076



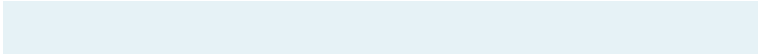
85.0129, 86.9811, 96.3880



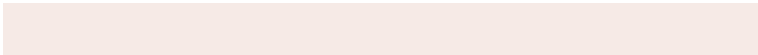
82.0207, 86.9811, 88.2741

Complementary

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



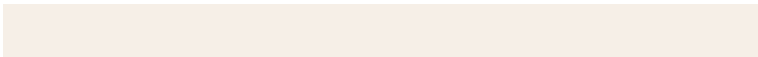
81.0198, 86.9811, 99.7076



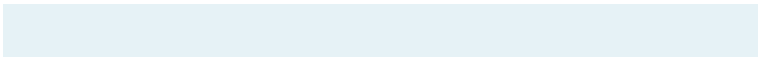
81.7120, 84.1509, 86.8003

Split Complementary

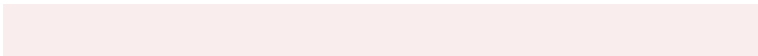
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2576, 86.9811, 88.2223



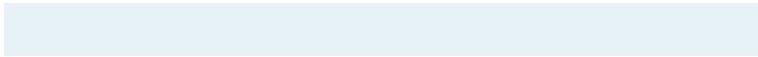
81.0198, 86.9811, 99.7076



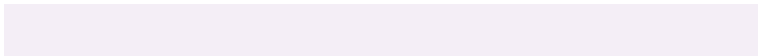
84.9936, 86.9811, 92.8471

Square

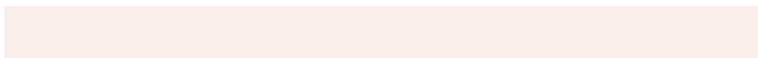
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



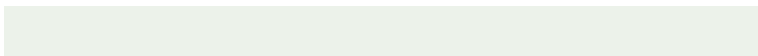
81.0198, 86.9811, 99.7076



84.4008, 86.9811, 99.5544



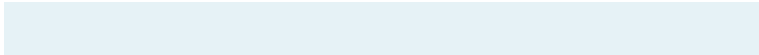
84.3484, 86.9811, 89.8777



80.9688, 86.9811, 90.0208

Rectangle

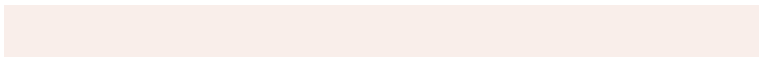
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



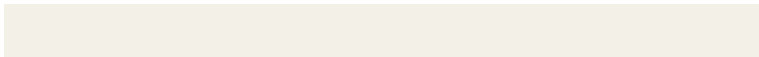
81.0198, 86.9811, 99.7076



82.9179, 86.9811, 101.6824



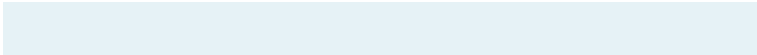
84.3484, 86.9811, 89.8777



82.4284, 86.9811, 88.0594

Sweetspot

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



81.0223, 86.9848, 99.7095



92.7935, 98.2355, 108.6783



80.4032, 88.6611, 90.5181



19.8853, 21.0450, 23.2640



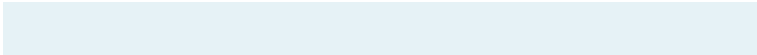
0.0000, 0.0000, 0.0000



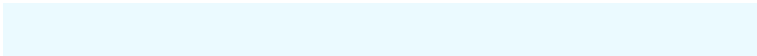
20.3446, 21.4041, 23.3091

Same Dimension

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



81.0223, 86.9848, 99.7095



86.3351, 93.1263, 108.0326



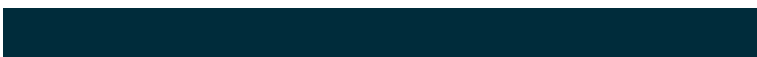
78.7678, 82.4758, 98.9580



16.6257, 18.0158, 21.1437



18.2070, 22.2077, 49.8649



1.6811, 2.1136, 4.4096

Inverse Universe

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



82.3318, 82.5989, 95.6126



88.0743, 87.3440, 102.5814



83.9631, 88.6530, 87.5507



17.0264, 16.6934, 19.8857



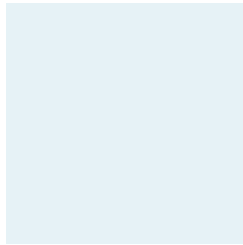
24.9946, 12.3413, 25.7434



2.2376, 1.1010, 2.4776

Previews

White Background



This preview shows how the XYZ color 81.0198, 86.9811, 99.7076 looks on a white background.

Color Contrast Check

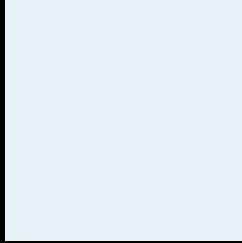
Large Text (above 18pt) WCAG AA × Fail

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 81.0198, 86.9811, 99.7076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

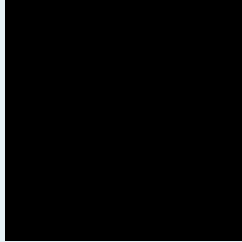
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

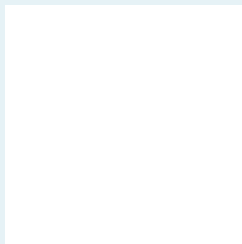
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0198, 86.9811, 99.7076

Background



This preview shows how black text looks on a background with the XYZ color 81.0198, 86.9811, 99.7076.



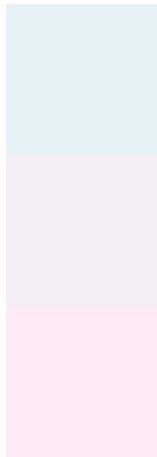
This preview shows how white text looks on a background with the XYZ color 81.0198, 86.9811,

99.7076.

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

81.0198, 86.9811, 99.7076

Protanopia

83.8658, 86.7354, 97.9094

Deuteranopia

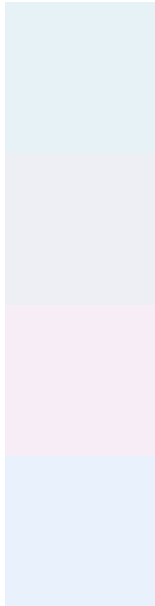
87.2974, 86.7595, 99.3340



Tritanopia

83.1418, 87.0326, 107.0247

Trichromacy



Original Color

81.0198, 86.9811, 99.7076

Protanomaly

82.6078, 86.5027, 98.7290

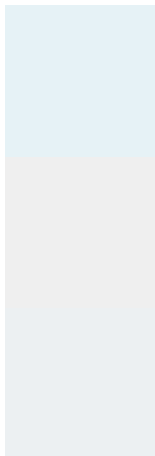
Deuteranomaly

84.9248, 86.8150, 99.4697

Tritanomaly

82.6303, 87.2625, 104.5837

Monochromacy



Original Color

81.0198, 86.9811, 99.7076

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.7792, 86.5638, 96.4027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0198, 86.9811, 99.7076 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, 246) looks like.

```
.text, #text, p{  
    color:rgb(230, 242, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 242, 246) }
```

Border

The CSS property to change the border of an element to XYZ 81.0198, 86.9811, 99.7076 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, 246) }
```


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

```
.border{ border-color:rgb(230, 242, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 242, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 242, 246);  
box-shadow:4px 4px 4px 4px rgb(230, 242,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0198, 86.9811, 99.7076 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, 246) }
```

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

```
.background{ background-color: rgb(230,  
242, 246) }
```

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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