

Converting Colors

XYZ(86.0025, 87.9899, 97.6656)

Have a look what the booklet for
XYZ(86.0025, 87.9899, 97.6656)
contains.

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Color

**XYZ(85.9706, 87.8205,
98.0079)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EEF4
RGB	249, 238, 244
RGB Percent	98%, 93%, 96%
CMY	0.0235, 0.0666, 0.0431
CMYK	0.00, 0.04, 0.02, 0.02
HSL	327°, 48%, 95%
HSV	327°, 4%, 98%
XYZ	85.9706, 87.8205, 98.0079
YIQ	241.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

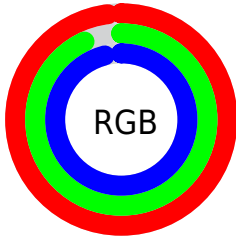
Format	Color
R _Y B	249, 238, 244
Decimal	16379636
CIE Lab	95.09, 4.73, -1.58
CIE LCh	95, 4.990, 341.538
Yxy	87.8205, 0.3163, 0.3231
Android (android.graphics.Color)	4294569716 (0xFF9EEF4)
YUV	241.9730, 0.9993, 6.1627
Hunter-Lab	93.7126, -0.2437, 3.5913

Details

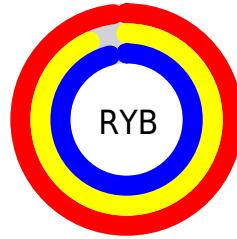
The XYZ color **85.9706, 87.8205, 98.0079** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3166, 92.4018, 98.1372**, and the grayscale version is **84.3687, 88.7625, 96.6623**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7974, 48.4242, 54.4046** is the 20% darker color. If you saturate the color by 10%, you get **77.5505, 73.6466, 86.9787**, and if you desaturate by 10%, it is **92.8774, 98.8800, 108.7983**.

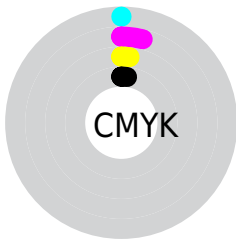
Distribution



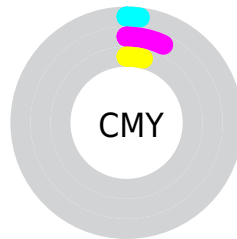
- Red (98%)
- Green (93%)
- Blue (96%)



- Red (98%)
- Yellow (93%)
- Blue (96%)



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.9706, 87.8205, 98.0079 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 85.9706, 87.8205, 98.0079 by changing the saturation by 10% instead.


 85.9706, 87.8205,
98.0079

 85.9706, 87.8205,
98.0079


503.2697,
520.9152, 574.9788

 64.9689, 66.1744,
74.0303

140.6355,
144.3072, 160.4448

 47.7004, 48.4140,
54.3219


175.0294,
179.9167, 199.7412

 33.8000, 34.1549,
38.4642

214.6180,
220.9494, 244.9809

 22.9021, 23.0126,
26.0385

259.7667,
267.7897, 296.5826

 14.6416, 14.6028,
16.6264

310.8409,
320.8220, 354.9646

 8.6529, 8.5411,
9.8094

368.2058,

 4.5708, 4.4431,

380.4308, 420.5456

5.1688

432.2270,
447.0004, 493.7442

■ 2.0298, 1.9244,
2.2862

■ 0.6506, 0.5630,
0.7235

■ 85.9706, 87.8205,
98.0079

■ 85.9706, 87.8205,
98.0079

■ 77.5505, 73.6466,
86.9787

■ 92.8774, 98.8800,
108.7983

■ 70.1934, 61.4339,
76.8145

■ 63.8561, 51.0979,
67.4926

■ 58.4896, 42.5437,
58.9868

■ 54.0405, 35.6679,
51.2691

■ 50.4502, 30.3565,
44.3097

■ 47.6526, 26.4809,
38.0755

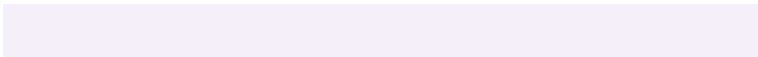
■ 45.5713, 23.8922,
32.5301

■ 44.1132, 22.4075,
27.6308

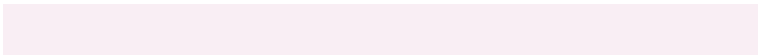
Harmonies

Analogous

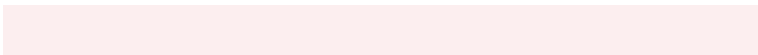
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2132, 87.8205, 101.3256



85.9706, 87.8205, 98.0079



86.0538, 87.8205, 94.1345

Triad

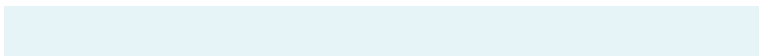
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9706, 87.8205, 98.0079



82.9499, 87.8205, 88.4842



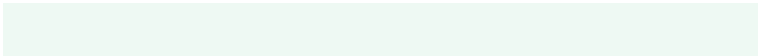
81.5326, 87.8205, 100.6637

Complementary

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



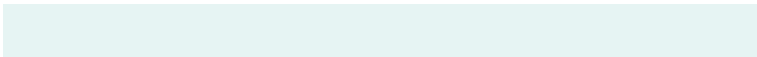
85.9706, 87.8205, 98.0079



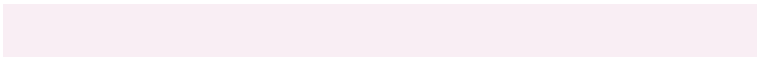
85.3166, 92.4018, 98.1372

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.



80.9399, 87.8205, 97.1243



85.9706, 87.8205, 98.0079



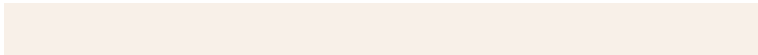
81.7522, 87.8205, 90.1358

Square

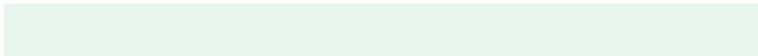
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



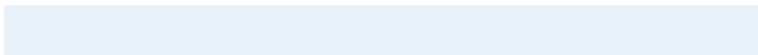
85.9706, 87.8205, 98.0079



84.2999, 87.8205, 88.7063



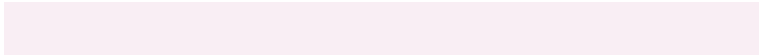
81.0198, 87.8205, 93.2743



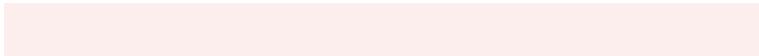
82.6471, 87.8205, 102.8873

Rectangle

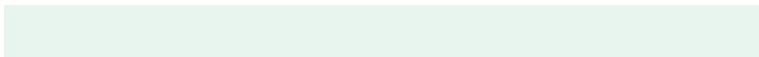
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



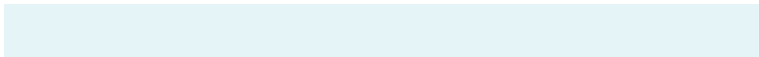
85.9706, 87.8205, 98.0079



85.7147, 87.8205, 91.7654



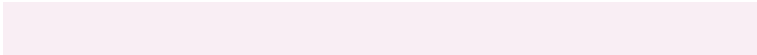
81.0198, 87.8205, 93.2743



81.2663, 87.8205, 99.5844

Sweetspot

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



85.9731, 87.8243, 98.0098



94.0557, 98.3093, 107.6504



84.6216, 87.0387, 101.9638



20.1423, 21.0601, 23.0548



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

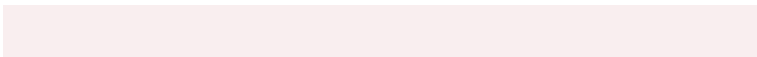
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9731, 87.8243, 98.0098



90.1971, 91.7654, 102.7468



85.1581, 87.4983, 93.7182



18.3488, 18.5784, 20.8825



23.3549, 11.7577, 13.8431



2.2166, 1.1104, 1.5638

Inverse Universe

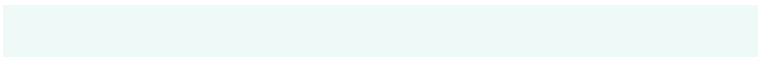
The Inverse Universe completely reimagines the original color for something new.



85.9731, 87.8243, 98.0098



90.1971, 91.7654, 102.7468



86.1515, 92.7358, 102.5339



18.3488, 18.5784, 20.8825



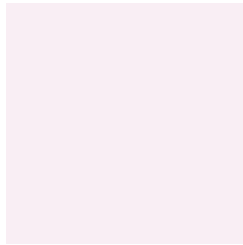
23.3549, 11.7577, 13.8431



2.2166, 1.1104, 1.5638

Previews

White Background



This preview shows how the XYZ color 85.9706, 87.8205, 98.0079 looks on a white background.

Color Contrast Check

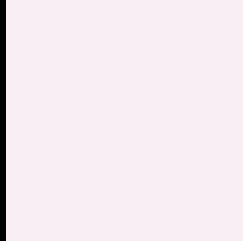
Large Text (above 18pt) WCAG AA × Fail

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 85.9706, 87.8205, 98.0079 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

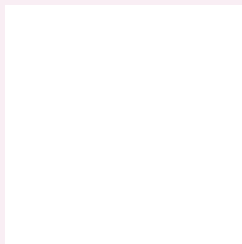
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.9706, 87.8205, 98.0079

Background



This preview shows how black text looks on a background with the XYZ color 85.9706, 87.8205, 98.0079.



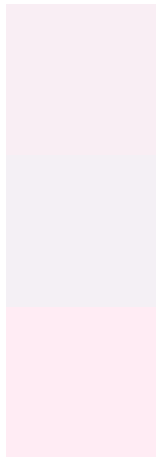
This preview shows how white text looks on a background with the XYZ color 85.9706, 87.8205,

98.079.

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

85.9706, 87.8205, 98.0079

Protanopia

84.9497, 88.1458, 98.9227

Deuteranopia

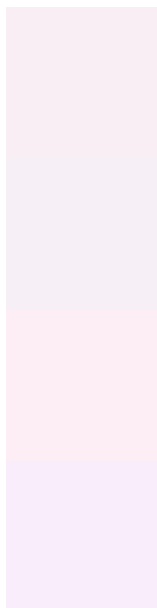
87.5646, 87.7826, 97.9165



Tritanopia

87.8291, 87.7201, 106.9103

Trichromacy



Original Color

85.9706, 87.8205, 98.0079

Protanomaly

85.3540, 87.9184, 98.8575

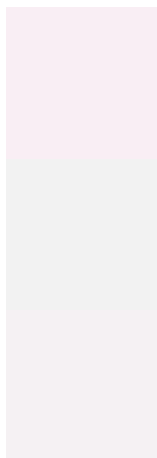
Deuteranomaly

87.1213, 87.9827, 97.9785

Tritanomaly

87.1211, 87.8574, 103.6332

Monochromacy



Original Color

85.9706, 87.8205, 98.0079

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.2891, 88.7941, 97.4378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9706, 87.8205, 98.0079 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(249, 238, 244) looks like.

```
.text, #text, p{  
    color:rgb(249, 238, 244)  
}
```

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(249, 238, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 238, 244) }
```

Border

The CSS property to change the border of an element to XYZ 85.9706, 87.8205, 98.0079 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(249, 238, 244) }
```


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

```
.border{ border-color:rgb(249, 238, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 238, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 238, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 238, 244);  
box-shadow:4px 4px 4px 4px rgb(249, 238,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9706, 87.8205, 98.0079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 238, 244) }
```

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

```
.background{ background-color: rgb(249,  
238, 244) }
```

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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