

Converting Colors

XYZ(87.2278, 97.8304, 88.5176)

Have a look what the booklet for
XYZ(87.2278, 97.8304, 88.5176)
contains.

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Color

**XYZ(86.1785, 95.8779,
88.0929)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFE5
RGB	241, 255, 229
RGB Percent	95%, 100%, 90%
CMY	0.0549, 0.0000, 0.1020
CMYK	0.05, 0.00, 0.10, 0.00
HSL	92°, 100%, 95%
HSV	92°, 10%, 100%
XYZ	86.1785, 95.8779, 88.0929
YIQ	247.8500, 0.0020, -11.0540

Conversions

Conversions Part 2

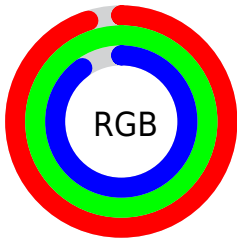
Format	Color
R _Y B	229, 255, 243
Decimal	15859685
CIE Lab	98.38, -9.09, 10.85
CIE LCh	98, 14.159, 129.967
Yxy	95.8779, 0.3190, 0.3549
Android (android.graphics.Color)	4294049765 (0xFFFF1FFE5)
YUV	247.8500, -9.2930, -6.0074
Hunter-Lab	97.9173, -14.2546, 15.2008

Details

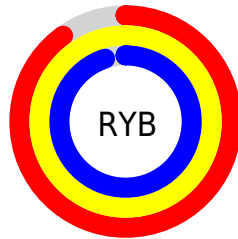
The XYZ color **86.1785, 95.8779, 88.0929** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **83.0321, 82.3144, 106.1198**, and the grayscale version is **89.1736, 93.8175, 102.1673**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8416, 53.7584, 47.8993** is the 20% darker color. If you saturate the color by 10%, you get **78.3635, 92.2308, 70.4861**, and if you desaturate by 10%, it is **94.8713, 99.9171, 108.4736**.

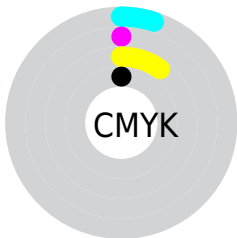
Distribution



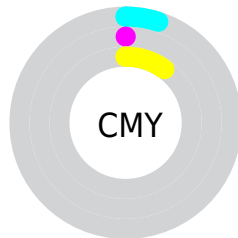
- Red (95%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.1785, 95.8779, 88.0929 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 86.1785, 95.8779, 88.0929 by changing the saturation by 10% instead.


 86.1785, 95.8779,
88.0929

 86.1785, 95.8779,
88.0929


503.9447,
546.9717, 542.2166

 65.1414, 72.8659,
65.8352

140.9241,
155.4769, 146.5988

 47.8408, 53.8663,
47.6830


175.3633,
192.8327, 183.6840

 33.9116, 38.4948,
33.2177


215.0005,
235.7384, 226.5489

 22.9882, 26.3669,
22.0208

260.2011,
284.5787, 275.6120

 14.7055, 17.0983,
13.6737

311.3305,
339.7377, 331.2917

 8.6979, 10.3046,
7.7579

368.7540,

 4.6002, 5.6014,

401.5999, 394.0067

3.8549

432.8369,
470.5498, 464.1755

■ 2.0470, 2.6043,
1.5461

■ 0.6601, 0.9288,
0.2519

■ 86.1785, 95.8779,
88.0929

■ 86.1785, 95.8779,
88.0929

■ 78.3635, 92.2308,
70.4861

94.8713, 99.9171,
108.4736

■ 71.3938, 88.9616,
55.5289

95.0500, 100.0000,
108.9000

■ 65.2375, 86.0567,
43.0940

■ 59.8600, 83.5015,
33.0418

■ 55.2237, 81.2797,
25.2192

■ 51.2872, 79.3739,
19.4554

■ 48.0041, 77.7643,
15.5546

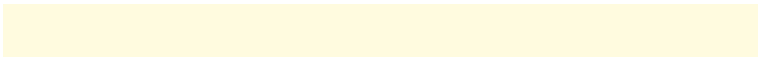
■ 45.3201, 76.4282,
13.2833

■ 43.1900, 75.3503,
12.2677

Harmonies

Analogous

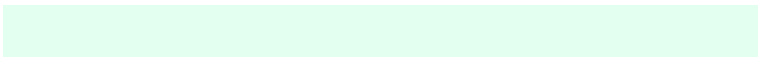
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.7770, 95.8779, 83.7784



86.1785, 95.8779, 88.0929



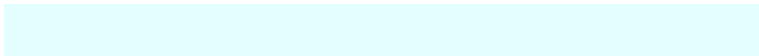
83.9503, 95.8779, 96.8801

Triad

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



86.1785, 95.8779, 88.0929



88.4659, 95.8779, 126.9758



99.0823, 95.8779, 100.5514

Complementary

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



86.1785, 95.8779, 88.0929



83.0321, 82.3144, 106.1198

Split Complementary

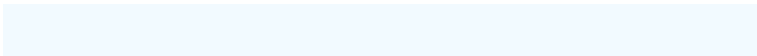
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.7058, 95.8779, 112.2882



86.1785, 95.8779, 88.0929



92.4946, 95.8779, 128.1429

Square

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



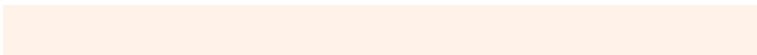
86.1785, 95.8779, 88.0929



85.2434, 95.8779, 119.5139



96.2657, 95.8779, 122.5930



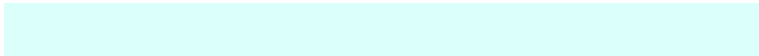
97.2796, 95.8779, 90.6077

Rectangle

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



86.1785, 95.8779, 88.0929



83.5014, 95.8779, 104.3817



96.2657, 95.8779, 122.5930



99.2077, 95.8779, 104.4078

Sweetspot

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



86.1792, 95.8783, 88.0944



92.3433, 98.7441, 102.4716



87.3941, 90.9392, 87.0770



19.6134, 21.0648, 21.5747



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

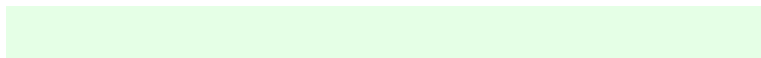
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1792, 95.8783, 88.0944



84.7048, 95.1915, 84.7151



82.3382, 93.8841, 88.5479



18.5683, 20.5789, 19.1378



22.7357, 39.4588, 6.4180



2.3381, 3.9061, 0.6307

Inverse Universe

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



83.0321, 82.3144, 106.1198



81.0468, 79.4256, 105.6668



87.1706, 84.4640, 105.5868



17.9374, 17.8594, 22.7518



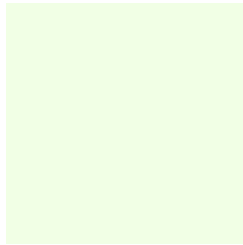
15.0225, 6.6549, 49.9273



1.5888, 0.7130, 4.8672

Previews

White Background



This preview shows how the XYZ color 86.1785, 95.8779, 88.0929 looks on a white background.

Color Contrast Check

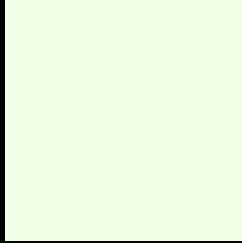
Large Text (above 18pt) WCAG AA × Fail

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 86.1785, 95.8779, 88.0929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

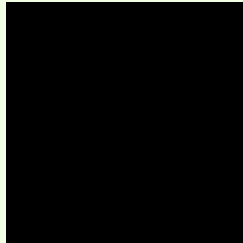
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

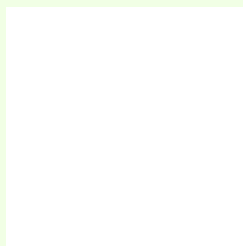
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.1785, 95.8779, 88.0929

Background



This preview shows how black text looks on a background with the XYZ color 86.1785, 95.8779, 88.0929.



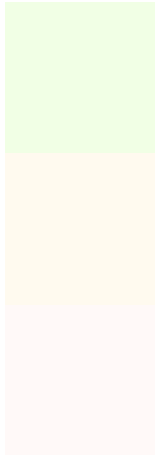
This preview shows how white text looks on a background with the XYZ color 86.1785, 95.8779,

88.0929.

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

86.1785, 95.8779, 88.0929

Protanopia

91.0056, 95.8632, 95.3683

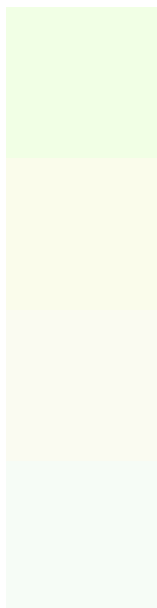
Deuteranopia

92.0590, 95.7887, 102.4440

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

86.1785, 95.8779, 88.0929

Protanomaly

89.2301, 95.9430, 92.4132

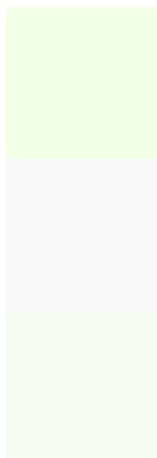
Deuteranomaly

89.7987, 95.6692, 96.9522

Tritanomaly

89.4510, 95.8675, 100.9785

Monochromacy



Original Color

86.1785, 95.8779, 88.0929

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.0306, 94.7577, 96.8694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.1785, 95.8779, 88.0929 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(241, 255, 229) looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 229)  
}
```

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(241, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 229) }
```

Border

The CSS property to change the border of an element to XYZ 86.1785, 95.8779, 88.0929 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(241, 255, 229) }
```


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

```
.border{ border-color:rgb(241, 255, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 86.1785, 95.8779, 88.0929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 229) }
```

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

```
.background{ background-color: rgb(241,  
255, 229) }
```

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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