

Converting Colors

XYZ(130.1244, 185.8863,
103.0174)

Have a look what the booklet for
XYZ(130.1244, 185.8863, 103.0174)
contains.

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Color

**XYZ(84.8279, 95.1817,
88.0297)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>EDFFE5</code>
RGB	<code>237, 255, 229</code>
RGB Percent	<code>93%, 100%, 90%</code>
CMY	<code>0.0706, 0.0000, 0.1020</code>
CMYK	<code>0.07, 0.00, 0.10, 0.00</code>
HSL	<code>102°, 100%, 95%</code>
HSV	<code>102°, 10%, 100%</code>
XYZ	<code>84.8279, 95.1817, 88.0297</code>
YIQ	<code>246.6540, -2.3820, -11.9020</code>

Conversions

Conversions Part 2

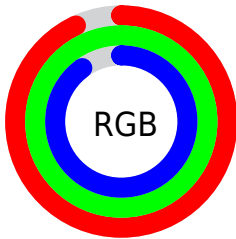
Format	Color
R _Y B	229, 255, 247
Decimal	15597541
CIE Lab	98.11, -10.44, 10.42
CIE LCh	98, 14.748, 135.061
Yxy	95.1817, 0.3165, 0.3551
Android (android.graphics.Color)	4293787621 (0xFFEDFFE5)
YUV	246.6540, -8.7034, -8.4666
Hunter-Lab	97.5611, -15.5289, 14.7952

Details

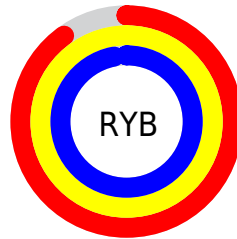
The XYZ color **84.8279, 95.1817, 88.0297** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **84.4278, 83.0339, 106.1851**, and the grayscale version is **88.1963, 92.7894, 101.0477**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8901, 53.2679, 47.8548** is the 20% darker color. If you saturate the color by 10%, you get **75.9175, 90.9698, 70.3717**, and if you desaturate by 10%, it is **94.8431, 99.9026, 108.4722**.

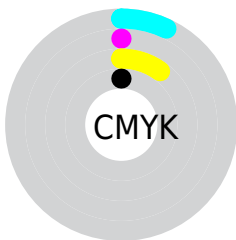
Distribution



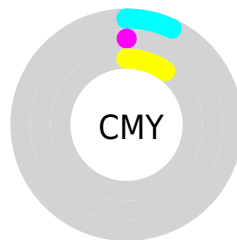
- Red (93%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (97%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.8279, 95.1817, 88.0297 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 84.8279, 95.1817, 88.0297 by changing the saturation by 10% instead.


 84.8279, 95.1817,
88.0297

 84.8279, 95.1817,
88.0297


499.5507,
544.7465, 542.0043

 64.0212, 72.2862,
65.7832


139.0480,
154.5156, 146.5100

 46.9296, 53.3925,
47.6411


173.1921,
191.7228, 183.5809

 33.1877, 38.1162,
33.1847


212.5127,
234.4694, 226.4303

 22.4302, 26.0729,
21.9957

257.3751,
283.1397, 275.4768

 14.2917, 16.8782,
13.6555

308.1448,
338.1182, 331.1389

 8.4069, 10.1477,
7.7454

365.1870,

 4.4104, 5.4970,

399.7892, 393.8352

3.8471

428.8672,
468.5372, 463.9841

■ 1.9368, 2.5417,
1.5418

■ 0.5981, 0.8975,
0.2488

■ 84.8279, 95.1817,
88.0297

■ 84.8279, 95.1817,
88.0297

■ 75.9175, 90.9698,
70.3717

94.8431, 99.9026,
108.4722

■ 68.0704, 87.2483,
55.3734

95.0500, 100.0000,
108.9000

■ 61.2454, 83.9987,
42.9071

■ 55.3978, 81.2011,
32.8329

■ 50.4792, 78.8338,
24.9972

■ 46.4368, 76.8734,
19.2284

■ 43.2114, 75.2936,
15.3303

■ 40.7352, 74.0646,
13.0687

■ 38.9398, 73.1593,
12.0688

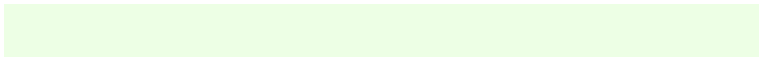
Harmonies

Analogous

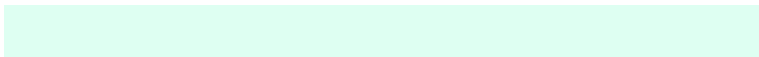
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3690, 95.1817, 82.7196



84.8279, 95.1817, 88.0297



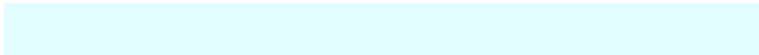
82.8296, 95.1817, 97.7437

Triad

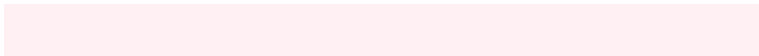
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8279, 95.1817, 88.0297



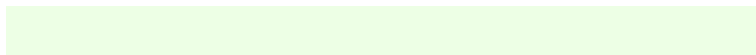
88.3856, 95.1817, 127.8272



98.5559, 95.1817, 97.6973

Complementary

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



84.8279, 95.1817, 88.0297



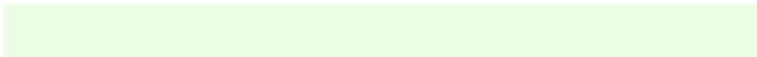
84.4278, 83.0339, 106.1851

Split Complementary

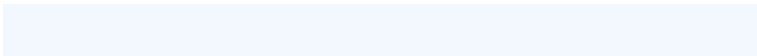
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.5607, 95.1817, 109.7619



84.8279, 95.1817, 88.0297



92.5987, 95.1817, 127.8124

Square

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



84.8279, 95.1817, 88.0297



84.8397, 95.1817, 121.0264



96.3514, 95.1817, 120.9872



96.3385, 95.1817, 87.9980

Rectangle

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



84.8279, 95.1817, 88.0297



82.6004, 95.1817, 105.7066



96.3514, 95.1817, 120.9872



98.8186, 95.1817, 101.5940

Sweetspot

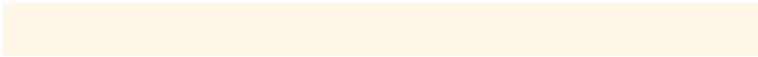
The Sweet Spot groups the original color and five complimentary colors.



84.8286, 95.1820, 88.0311



91.9209, 98.5264, 102.4519



88.5728, 93.2965, 87.4699



19.4995, 21.0061, 21.5694



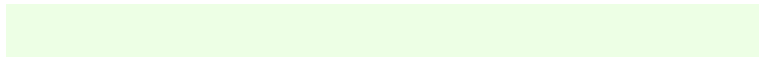
0.0000, 0.0000, 0.0000



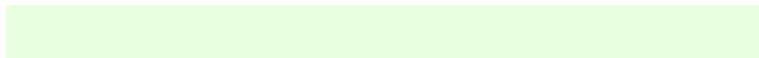
20.3446, 21.4041, 23.3091

Same Dimension

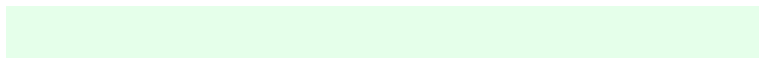
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8286, 95.1820, 88.0311



83.1400, 94.3847, 84.6419



82.8917, 94.1055, 91.4627



18.2972, 20.4391, 19.1251



20.4799, 38.2959, 6.3124



2.1001, 3.7834, 0.6196

Inverse Universe

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



84.4278, 83.0339, 106.1851



82.6738, 80.2644, 105.7429



86.5518, 84.2165, 102.3283



18.2169, 18.0035, 22.7648



19.0105, 8.7108, 50.1140



1.9628, 0.9058, 4.8847

Previews

White Background



This preview shows how the XYZ color 84.8279, 95.1817, 88.0297 looks on a white background.

Color Contrast Check

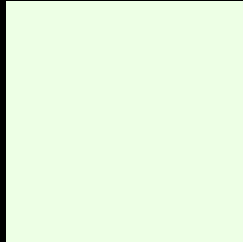
Large Text (above 18pt) WCAG AA × Fail

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 84.8279, 95.1817, 88.0297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

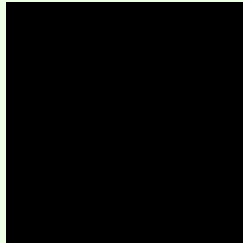
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

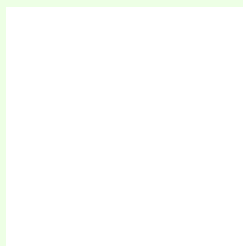
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8279, 95.1817, 88.0297

Background



This preview shows how black text looks on a background with the XYZ color 84.8279, 95.1817, 88.0297.



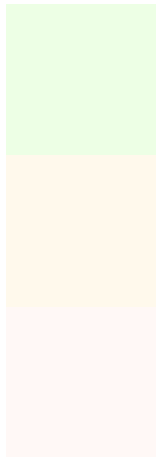
This preview shows how white text looks on a background with the XYZ color 84.8279, 95.1817,

88.0297.

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

84.8279, 95.1817, 88.0297

Protanopia

90.2560, 95.0675, 92.9497

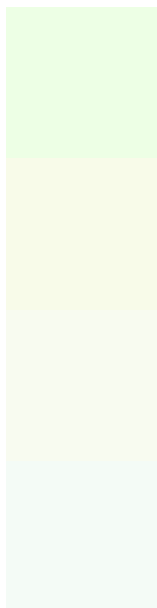
Deuteranopia

91.4420, 95.0486, 100.7155

Tritanopia

90.6371, 94.9278, 108.1536

Trichromacy



Original Color

84.8279, 95.1817, 88.0297

Protanomaly

87.9166, 94.8340, 90.7619

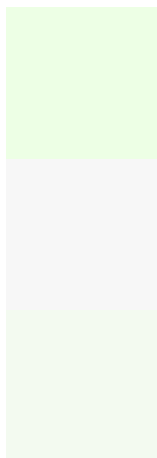
Deuteranomaly

88.9368, 95.2421, 96.1342

Tritanomaly

88.4400, 94.8813, 100.8414

Monochromacy



Original Color

84.8279, 95.1817, 88.0297

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

86.8759, 93.7172, 95.9484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8279, 95.1817, 88.0297 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(237, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 229) }
```

Border

The CSS property to change the border of an element to XYZ 84.8279, 95.1817, 88.0297 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(237, 255, 229) }
```


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

```
.border{ border-color:rgb(237, 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(237, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 255, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 255, 229); box-shadow:4px 4px 4px 4px rgb(237, 255, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8279, 95.1817, 88.0297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 229) }
```

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

```
.background{ background-color: rgb(237,  
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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