

Converting Colors

XYZ(87.3867, 100.0000,
94.7202)

Have a look what the booklet for
XYZ(87.3867, 100.0000, 94.7202)
contains.

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Color

**XYZ(84.9777, 95.1268,
94.0033)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EAFED |
| RGB | 234, 255, 237 |
| RGB Percent | 92%, 100%, 93% |
| CMY | 0.0823, 0.0000, 0.0706 |
| CMYK | 0.08, 0.00, 0.07, 0.00 |
| HSL | 129°, 100%, 96% |
| HSV | 129°, 8%, 100% |
| XYZ | 84.9777, 95.1268, 94.0033 |
| YIQ | 246.6690, -6.7380, -10.0500 |

Conversions

Conversions Part 2

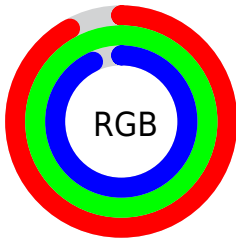
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 234, 252, 255 |
| Decimal | 15400941 |
| CIELab | 98.08, -10.06, 6.26 |
| CIElCh | 98, 11.849, 148.124 |
| Yxy | 95.1268, 0.3100, 0.3470 |
| Android (android.graphics.Color) | 4293591021 (0xFFEAFED) |
| YUV | 246.6690, -4.7668, -11.1107 |
| Hunter-Lab | 97.5330, -15.1607, 11.1288 |

Details

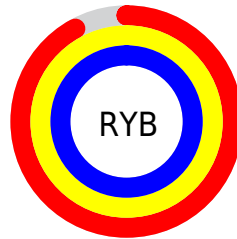
The XYZ color **84.9777, 95.1268, 94.0033** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.2339, 87.1347, 104.2634**, and the grayscale version is **88.1801, 92.7724, 101.0291**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8947, 53.1893, 51.5110** is the 20% darker color. If you saturate the color by 10%, you get **74.1981, 89.9165, 77.8330**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

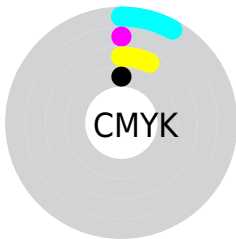
Distribution



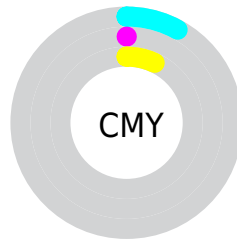
- Red (92%)
- Green (100%)
- Blue (93%)



- Red (92%)
- Yellow (99%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.9777, 95.1268, 94.0033 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 84.9777, 95.1268, 94.0033 by changing the saturation by 10% instead.


 84.9777, 95.1268,
94.0033

 84.9777, 95.1268,
94.0033


500.0391,
544.5708, 561.8718

 64.1454, 72.2405,
70.7134


139.2562,
154.4398, 154.8706

 47.0306, 53.3552,
51.6280


173.4331,
191.6352, 193.2851

 33.2679, 38.0864,
36.3284


212.7889,
234.3692, 237.5782

 22.4919, 26.0497,
24.3962

257.6890,
283.0262, 288.1685

 14.3374, 16.8609,
15.4129

308.4987,
337.9904, 345.4744

 8.4390, 10.1353,
8.9598

365.5834,

 4.4313, 5.4888,

399.6463, 409.9146

4.6185

429.3084,
468.3783, 481.9076

■ 1.9489, 2.5368,
1.9704

■ 0.6050, 0.8950,
0.5370

■ 84.9777, 95.1268,
94.0033

■ 84.9777, 95.1268,
94.0033

■ 74.1981, 89.9165,
77.8330

95.0500, 100.0000,
108.9000

■ 64.9467, 85.4506,
63.6919

■ 57.1547, 81.6955,
51.5012

■ 50.7469, 78.6140,
41.1750

■ 45.6415, 76.1661,
32.6216

■ 41.7479, 74.3072,
25.7409

■ 38.9637, 72.9867,
20.4232

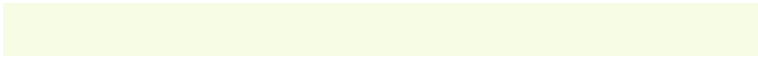
■ 37.1691, 72.1455,
16.5456

■ 36.2044, 71.7043,
13.9660

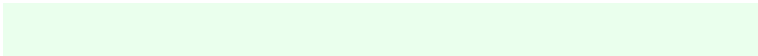
Harmonies

Analogous

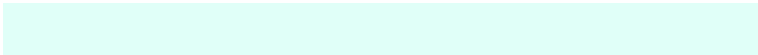
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3691, 95.1268, 87.9302



84.9777, 95.1268, 94.0033



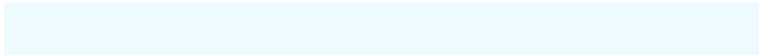
84.0388, 95.1268, 102.9655

Triad

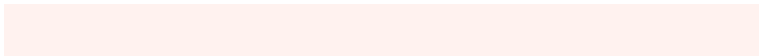
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9777, 95.1268, 94.0033



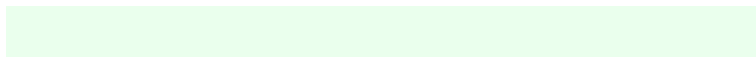
90.2014, 95.1268, 123.4342



96.3027, 95.1268, 95.0015

Complementary

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



84.9777, 95.1268, 94.0033



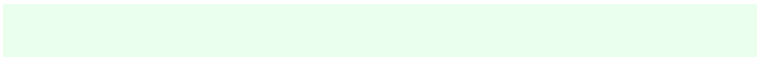
88.2339, 87.1347, 104.2634

Split Complementary

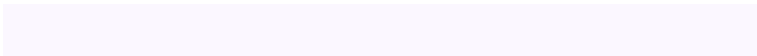
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.1062, 95.1268, 104.1908



84.9777, 95.1268, 94.0033



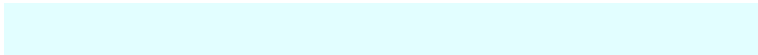
93.5312, 95.1268, 120.9777

Square

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



84.9777, 95.1268, 94.0033



87.0074, 95.1268, 120.2995



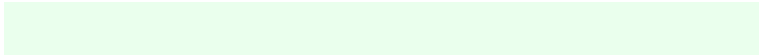
96.0798, 95.1268, 113.7794



93.9107, 95.1268, 88.4806

Rectangle

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



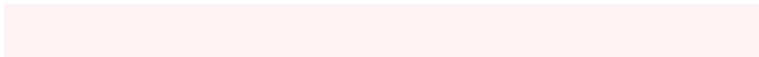
84.9777, 95.1268, 94.0033



84.3447, 95.1268, 109.5096



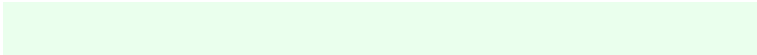
96.0798, 95.1268, 113.7794



96.7701, 95.1268, 97.8624

Sweetspot

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



84.9785, 95.1272, 94.0048



92.5026, 98.7672, 105.1488



90.8289, 98.1934, 92.0091



19.8261, 21.1532, 22.5455



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.



84.9785, 95.1272, 94.0048



82.9614, 94.1518, 90.9990



86.5271, 95.7467, 102.1595



17.8773, 20.2104, 19.6567



18.8870, 37.4514, 7.2903



1.8692, 3.6586, 0.8692

Inverse Universe

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



88.2339, 87.1347, 104.2634



86.8667, 84.5633, 103.3056



86.6454, 86.4993, 95.8984



18.6745, 18.2531, 22.1689



28.2427, 13.7864, 36.2579



2.7791, 1.3540, 3.6843

Previews

White Background



This preview shows how the XYZ color 84.9777, 95.1268, 94.0033 looks on a white background.

Color Contrast Check

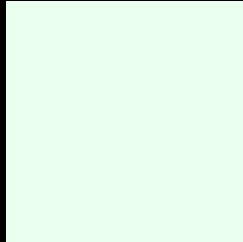
Large Text (above 18pt) WCAG AA × Fail

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 84.9777, 95.1268, 94.0033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

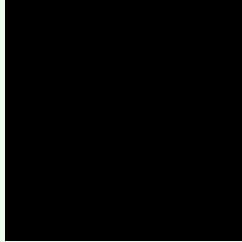
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

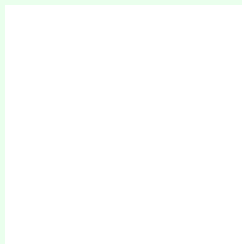
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.9777, 95.1268, 94.0033

Background



This preview shows how black text looks on a background with the XYZ color 84.9777, 95.1268, 94.0033.



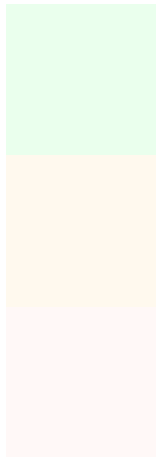
This preview shows how white text looks on a background with the XYZ color 84.9777, 95.1268,

94.0 33.

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

84.9777, 95.1268, 94.0033

Protanopia

90.5483, 95.1844, 94.4889

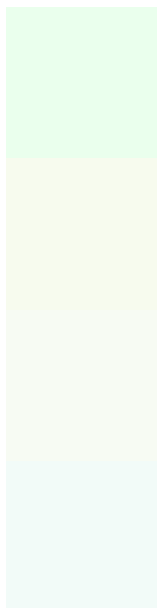
Deuteranopia

91.5959, 95.1102, 101.5262

Tritanopia

90.2835, 94.7455, 108.1370

Trichromacy



Original Color

84.9777, 95.1268, 94.0033

Protanomaly

88.2876, 94.9416, 94.5612

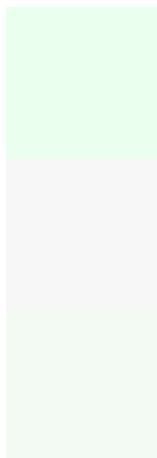
Deuteranomaly

89.0326, 95.2396, 98.4846

Tritanomaly

88.0584, 94.6489, 102.4348

Monochromacy



Original Color

84.9777, 95.1268, 94.0033

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

86.9812, 93.7195, 98.2993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9777, 95.1268, 94.0033 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(234, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 237)  
}
```

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(234, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 237) }
```

Border

The CSS property to change the border of an element to XYZ 84.9777, 95.1268, 94.0033 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(234, 255, 237) }
```


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

```
.border{ border-color:rgb(234, 255, 237) }
```

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

Here you see how a box with a 4 pixel rgb(234, 255, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9777, 95.1268, 94.0033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 237) }
```

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

```
.background{ background-color: rgb(234,  
255, 237) }
```

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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