

Converting Colors

XYZ(86.3018, 100.0000,
94.7512)

Have a look what the booklet for
XYZ(86.3018, 100.0000, 94.7512)
contains.

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Color

**XYZ(83.3592, 94.2924,
93.9275)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FFED
RGB	229, 255, 237
RGB Percent	90%, 100%, 93%
CMY	0.1020, 0.0000, 0.0706
CMYK	0.10, 0.00, 0.07, 0.00
HSL	138°, 100%, 95%
HSV	138°, 10%, 100%
XYZ	83.3592, 94.2924, 93.9275
YIQ	245.1740, -9.7180, -11.1100

Conversions

Conversions Part 2

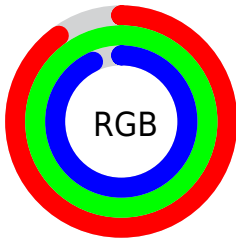
Format	Color
R _Y B	229, 249, 255
Decimal	15073261
CIE Lab	97.75, -11.70, 5.73
CIE LCh	98, 13.026, 153.897
Yxy	94.2924, 0.3069, 0.3472
Android (android.graphics.Color)	4293263341 (0xFFE5FFED)
YUV	245.1740, -4.0298, -14.1846
Hunter-Lab	97.1043, -16.6991, 10.6227

Details

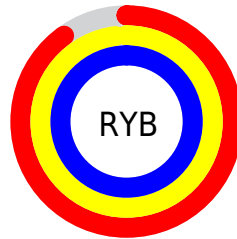
The XYZ color **83.3592, 94.2924, 93.9275** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86.0484, 84.0151, 99.6771**, and the grayscale version is **86.9677, 91.4968, 99.6400**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7682, 52.6086, 51.4583** is the 20% darker color. If you saturate the color by 10%, you get **73.3577, 89.4200, 80.6521**, and if you desaturate by 10%, it is **94.8115, 99.8835, 108.5993**.

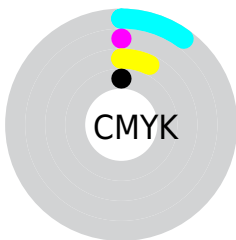
Distribution



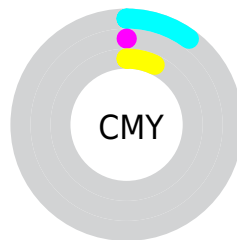
- Red (90%)
- Green (100%)
- Blue (93%)



- Red (90%)
- Yellow (98%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.3592, 94.2924, 93.9275 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 83.3592, 94.2924, 93.9275 by changing the saturation by 10% instead.


 83.3592, 94.2924,
93.9275

 83.3592, 94.2924,
93.9275

494.7487,
541.8972, 561.6221

 62.8044, 71.5462,
70.6507


137.0043,
153.2867, 154.7649

 45.9411, 52.7880,
51.5771


170.8254,
190.3035, 193.1625

 32.4037, 37.6336,
36.2882


209.7994,
232.8460, 237.4376

 21.8271, 25.6984,
24.3654

254.2915,
281.2985, 288.0085

 13.8458, 16.5982,
15.3902

304.6671,
336.0455, 345.2939

 8.0945, 9.9484,
8.9440

361.2916,

 4.2078, 5.3648,

397.4714, 409.7123

4.6084

424.5303,
465.9605, 481.6822

■ 1.8203, 2.4628,
1.9647

■ 0.5299, 0.8579,
0.5334

■ 83.3592, 94.2924,
93.9275

■ 83.3592, 94.2924,
93.9275

■ 73.3577, 89.4200,
80.6521

94.8115, 99.8835,
108.5993

■ 64.7451, 85.2350,
68.7276

95.0500, 100.0000,
108.9000

■ 57.4592, 81.7064,
58.1129

■ 51.4313, 78.7996,
48.7626

■ 46.5869, 76.4772,
40.6292

■ 42.8429, 74.6975,
33.6618

■ 40.1051, 73.4129,
27.8059

■ 38.2619, 72.5671,
23.0023

■ 37.1519, 72.0768,
19.2498

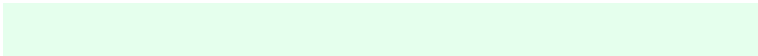
Harmonies

Analogous

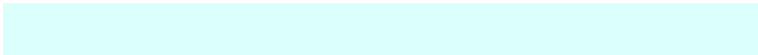
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6970, 94.2924, 86.6063



83.3592, 94.2924, 93.9275



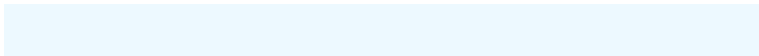
82.6825, 94.2924, 104.0649

Triad

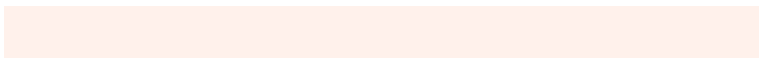
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.3592, 94.2924, 93.9275



90.1084, 94.2924, 124.4615



95.6831, 94.2924, 91.6765

Complementary

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



83.3592, 94.2924, 93.9275



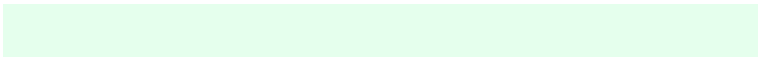
86.0484, 84.0151, 99.6771

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.



96.9395, 94.2924, 101.2844



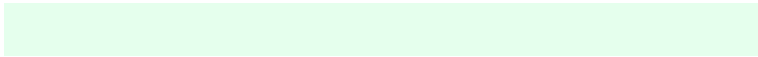
83.3592, 94.2924, 93.9275



93.6652, 94.2924, 120.6029

Square

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



83.3592, 94.2924, 93.9275



86.5157, 94.2924, 122.1572



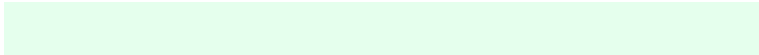
96.1911, 94.2924, 111.9354



92.8020, 94.2924, 85.3711

Rectangle

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



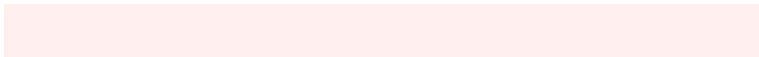
83.3592, 94.2924, 93.9275



83.2485, 94.2924, 111.1806



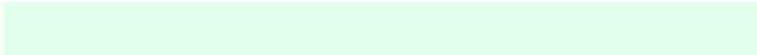
96.1911, 94.2924, 111.9354



96.3130, 94.2924, 94.6021

Sweetspot

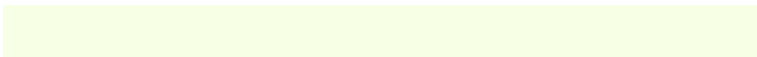
The Sweet Spot groups the original color and five complimentary colors.



83.3601, 94.2929, 93.9290



91.4503, 98.2414, 104.3419



88.3317, 96.9879, 88.1951



19.3731, 20.9295, 22.0773



0.0000, 0.0000, 0.0000



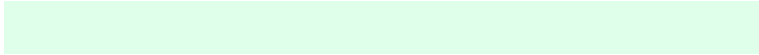
20.3446, 21.4041, 23.3091

Same Dimension

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



83.3601, 94.2929, 93.9290



81.4494, 93.3612, 91.4310



85.2978, 95.0679, 104.1327



18.0017, 20.2602, 20.3119



19.4709, 37.6850, 10.3650



1.9422, 3.6878, 1.2535

Inverse Universe

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



86.0484, 84.0151, 99.6771



84.5740, 81.4149, 98.1115



84.1401, 83.2518, 89.6284



18.5407, 18.1996, 21.4644



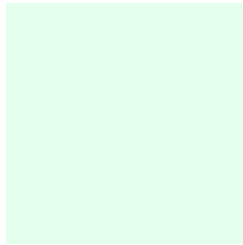
25.7411, 12.7857, 23.0848



2.5553, 1.2645, 2.5054

Previews

White Background



This preview shows how the XYZ color 83.3592, 94.2924, 93.9275 looks on a white background.

Color Contrast Check

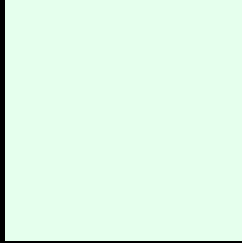
Large Text (above 18pt) WCAG AA × Fail

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 83.3592, 94.2924, 93.9275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

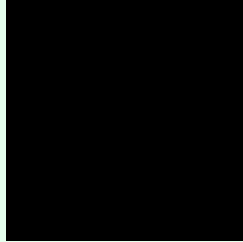
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

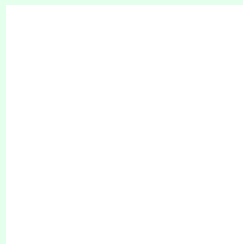
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.3592, 94.2924, 93.9275

Background



This preview shows how black text looks on a background with the XYZ color 83.3592, 94.2924, 93.9275.



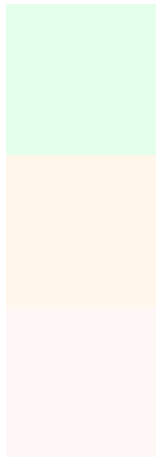
This preview shows how white text looks on a background with the XYZ color 83.3592, 94.2924,

93.9275.

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

83.3592, 94.2924, 93.9275

Protanopia

89.4962, 93.7797, 91.9816

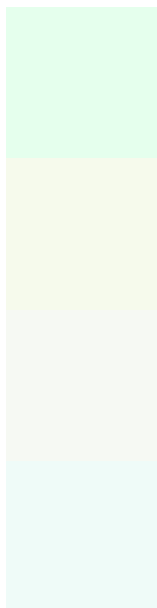
Deuteranopia

90.8303, 93.8254, 100.5116

Tritanopia

89.2339, 94.2045, 108.0879

Trichromacy



Original Color

83.3592, 94.2924, 93.9275

Protanomaly

87.3320, 94.0202, 92.9017

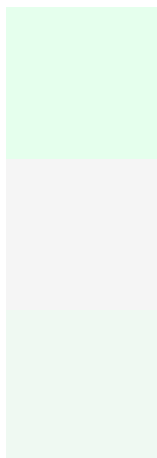
Deuteranomaly

88.0594, 93.8153, 98.2609

Tritanomaly

87.0371, 94.1224, 102.3870

Monochromacy



Original Color

83.3592, 94.2924, 93.9275

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.4993, 92.5129, 97.3549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3592, 94.2924, 93.9275 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(229, 255, 237) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 83.3592, 94.2924, 93.9275 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(229, 255, 237) }
```


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

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

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

Background

The CSS property to change the background color of an element to XYZ 83.3592, 94.2924, 93.9275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(229,  
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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