

Converting Colors

XYZ(83.1155, 94.1893, 92.9002)

Have a look what the booklet for
XYZ(83.1155, 94.1893, 92.9002)
contains.

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Color

**XYZ(83.2134, 94.2341,
93.1601)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FFEC
RGB	229, 255, 236
RGB Percent	90%, 100%, 93%
CMY	0.1020, 0.0000, 0.0745
CMYK	0.10, 0.00, 0.07, 0.00
HSL	136°, 100%, 95%
HSV	136°, 10%, 100%
XYZ	83.2134, 94.2341, 93.1601
YIQ	245.0600, -9.3970, -11.4210

Conversions

Conversions Part 2

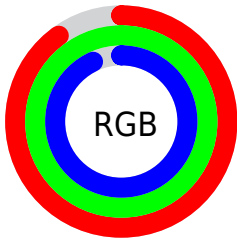
Format	Color
R _{YB}	229, 249, 255
Decimal	15073260
CIE _{Lab}	97.73, -11.88, 6.21
CIE _{LCh}	98, 13.402, 152.391
Y _{xy}	94.2341, 0.3075, 0.3482
Android (android.graphics.Color)	4293263340 (0xFFE5FFEC)
YUV	245.0600, -4.4666, -14.0846
Hunter-Lab	97.0742, -16.8672, 11.0526

Details

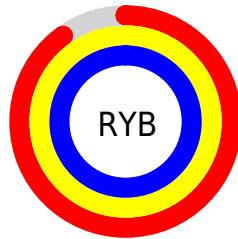
The XYZ color **83.2134, 94.2341, 93.1601** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86.2030, 84.0768, 100.4918**, and the grayscale version is **86.8791, 91.4036, 99.5385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6659, 52.5677, 50.9197** is the 20% darker color. If you saturate the color by 10%, you get **73.0978, 89.3160, 79.2839**, and if you desaturate by 10%, it is **94.8083, 99.8822, 108.5829**.

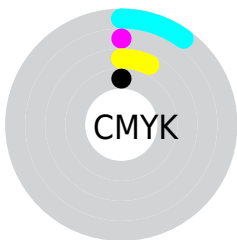
Distribution



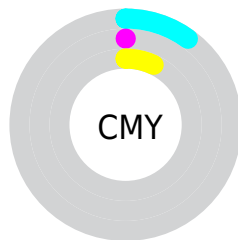
- Red (90%)
- Green (100%)
- Blue (93%)



- 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 83.2134, 94.2341, 93.1601 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 83.2134, 94.2341, 93.1601 by changing the saturation by 10% instead.


 83.2134, 94.2341,
93.1601

 83.2134, 94.2341,
93.1601


494.2706,
541.7101, 559.0910

 62.6837, 71.4977,
70.0162

136.8013,
153.2061, 153.6939

 45.8431, 52.7484,
51.0628

170.5902,
190.2104, 191.9208

 32.3261, 37.6020,
35.8815

209.5295,
232.7395, 236.0125

 21.7675, 25.6739,
24.0538

253.9847,
281.1777, 286.3874

 13.8018, 16.5799,
15.1609

304.3211,
335.9095, 343.4642

 8.0637, 9.9354,
8.7845

360.9039,

 4.1879, 5.3561,

397.3192, 407.6614

4.5060

424.0987,
465.7913, 479.3975

■ 1.8090, 2.4577,
1.9068

■ 0.5231, 0.8553,
0.4971

■ 83.2134, 94.2341,
93.1601

■ 83.2134, 94.2341,
93.1601

■ 73.0978, 89.3160,
79.2839

94.8083, 99.8822,
108.5829

■ 64.3984, 85.0964,
66.9022

95.0500, 100.0000,
108.9000

■ 57.0514, 81.5433,
55.9661

■ 50.9869, 78.6218,
46.4225

■ 46.1284, 76.2938,
38.2150

■ 42.3913, 74.5168,
31.2836

■ 39.6792, 73.2425,
25.5632

■ 37.8784, 72.4137,
20.9828

■ 36.8237, 71.9455,
17.5213

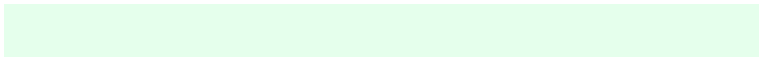
Harmonies

Analogous

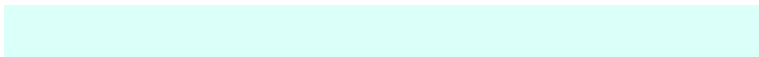
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6887, 94.2341, 85.8448



83.2134, 94.2341, 93.1601



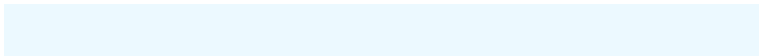
82.4255, 94.2341, 103.4850

Triad

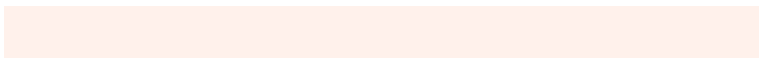
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.2134, 94.2341, 93.1601



89.8735, 94.2341, 125.0939



95.9143, 94.2341, 91.7421

Complementary

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



83.2134, 94.2341, 93.1601



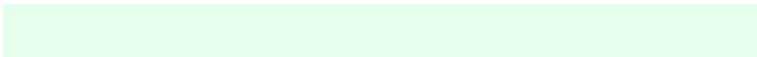
86.2030, 84.0768, 100.4918

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.



97.1089, 94.2341, 101.7298



83.2134, 94.2341, 93.1601



93.5599, 94.2341, 121.4158

Square

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



83.2134, 94.2341, 93.1601



86.2051, 94.2341, 122.4002



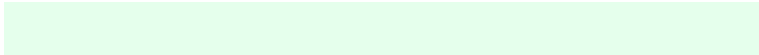
96.2354, 94.2341, 112.6674



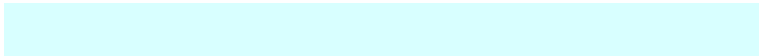
93.0146, 94.2341, 85.0679

Rectangle

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



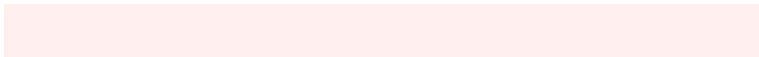
83.2134, 94.2341, 93.1601



82.9445, 94.2341, 110.8296



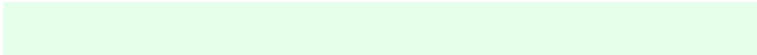
96.2354, 94.2341, 112.6674



96.5322, 94.2341, 94.7976

Sweetspot

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



83.2142, 94.2345, 93.1616



91.4042, 98.2230, 104.0995



88.6383, 97.1460, 88.2093



19.3607, 20.9246, 22.0121



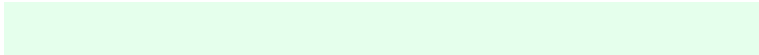
0.0000, 0.0000, 0.0000



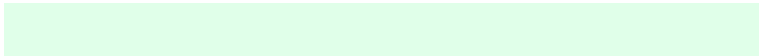
20.3446, 21.4041, 23.3091

Same Dimension

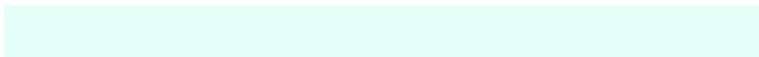
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2142, 94.2345, 93.1616



81.2811, 93.2939, 90.5445



85.1622, 95.0137, 103.4193



17.9724, 20.2485, 20.1577



19.2939, 37.6142, 9.4329



1.9218, 3.6796, 1.1461

Inverse Universe

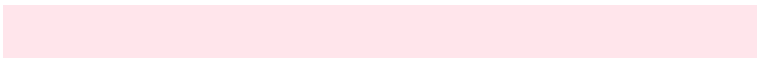
The Inverse Universe completely reimagines the original color for something new.



86.2030, 84.0768, 100.4918



84.7549, 81.4872, 99.0637



84.2650, 83.3016, 90.2863



18.5716, 18.2120, 21.6274



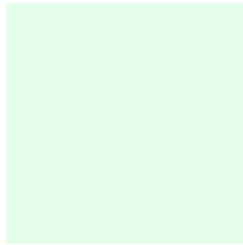
26.2643, 12.9950, 25.8401



2.6029, 1.2835, 2.7562

Previews

White Background



This preview shows how the XYZ color 83.2134, 94.2341, 93.1601 looks on a white background.

Color Contrast Check

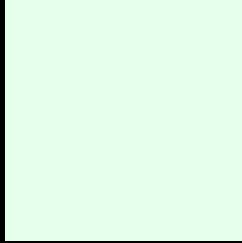
Large Text (above 18pt) WCAG AA × Fail

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 83.2134, 94.2341, 93.1601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

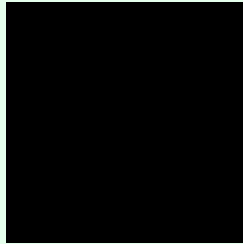
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

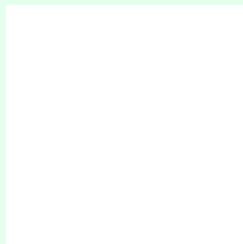
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.2134, 94.2341, 93.1601

Background



This preview shows how black text looks on a background with the XYZ color 83.2134, 94.2341, 93.1601.



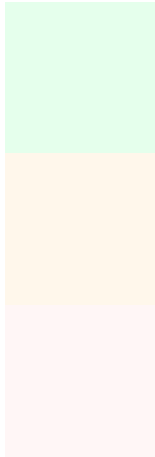
This preview shows how white text looks on a background with the XYZ color 83.2134, 94.2341,

93.1601.

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

83.2134, 94.2341, 93.1601

Protanopia

89.4962, 93.7797, 91.9816

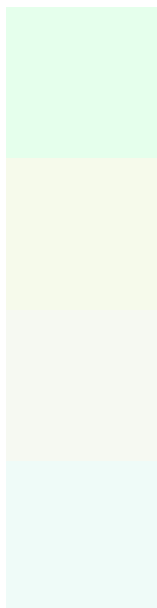
Deuteranopia

90.8303, 93.8254, 100.5116

Tritanopia

89.2339, 94.2045, 108.0879

Trichromacy



Original Color

83.2134, 94.2341, 93.1601

Protanomaly

87.1870, 93.9622, 92.1385

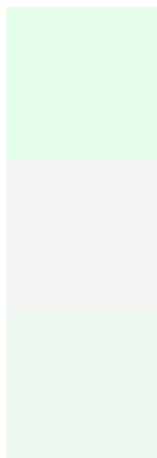
Deuteranomaly

87.9087, 93.7550, 97.4676

Tritanomaly

87.0371, 94.1224, 102.3870

Monochromacy



Original Color

83.2134, 94.2341, 93.1601

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 83.2134, 94.2341, 93.1601 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 83.2134, 94.2341, 93.1601 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, 236) }
```


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

```
.border{ border-color:rgb(229, 255, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 255, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 255, 236); box-shadow:4px 4px 4px 4px rgb(229, 255, 236) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2134, 94.2341, 93.1601 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, 236) }
```

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

```
.background{ background-color: rgb(229,  
255, 236) }
```

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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