

Converting Colors

XYZ(85.2831, 100.0000,
92.5859)

Have a look what the booklet for
XYZ(85.2831, 100.0000, 92.5859)
contains.

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Color

**XYZ(82.2898, 93.7914,
91.6083)**

Conversions

Conversions Part 1

Format	Color
Hex	E3FFEA
RGB	227, 255, 234
RGB Percent	89%, 100%, 92%
CMY	0.1098, 0.0000, 0.0823
CMYK	0.11, 0.00, 0.08, 0.00
HSL	135°, 100%, 95%
HSV	135°, 11%, 100%
XYZ	82.2898, 93.7914, 91.6083
YIQ	244.2340, -9.9470, -12.4670

Conversions

Conversions Part 2

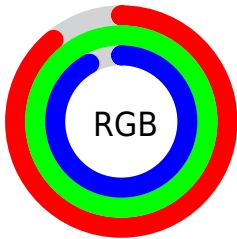
Format	Color
R_{YB}	227, 249, 255
Decimal	14942186
CIE Lab	97.55, -12.88, 6.96
CIE LCh	98, 14.645, 151.608
Yxy	93.7914, 0.3074, 0.3504
Android (android.graphics.Color)	4293132266 (0xFFE3FFE3)
YUV	244.2340, -5.0454, -15.1142
Hunter-Lab	96.8460, -17.8094, 11.7087

Details

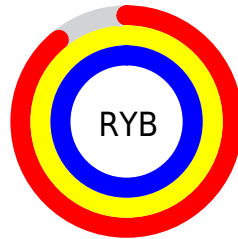
The XYZ color **82.2898, 93.7914, 91.6083** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85.6527, 82.9763, 100.3083**, and the grayscale version is **86.2207, 90.7109, 98.7842**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0246, 52.2604, 49.8337** is the 20% darker color. If you saturate the color by 10%, you get **72.2325, 88.9071, 77.5612**, and if you desaturate by 10%, it is **93.8365, 99.4091, 107.2761**.

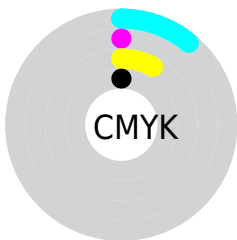
Distribution



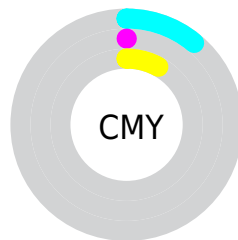
- Red (89%)
- Green (100%)
- Blue (92%)



- Red (89%)
- Yellow (98%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.2898, 93.7914, 91.6083 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 82.2898, 93.7914, 91.6083 by changing the saturation by 10% instead.


 82.2898, 93.7914,
91.6083

 82.2898, 93.7914,
91.6083


491.2364,
540.2885, 553.9533

 61.9194, 71.1295,
68.7341


135.5140,
152.5938, 151.5254

 45.2229, 52.4479,
50.0248


169.0985,
189.5031, 189.4053

 31.8351, 37.3622,
35.0618


207.8184,
231.9303, 233.1243

 21.3905, 25.4880,
23.4265

252.0391,
280.2597, 283.1009

 13.5238, 16.4410,
14.7005

302.1259,
334.8759, 339.7535

 7.8697, 9.8368,
8.4652

358.4441,

 4.0628, 5.2909,

396.1632, 403.5008

4.3020

421.3591,
464.5059, 474.7612

■ 1.7377, 2.4189,
1.7924

■ 0.4797, 0.8356,
0.4230

■ 82.2898, 93.7914,
91.6083

■ 82.2898, 93.7914,
91.6083

■ 72.2325, 88.9071,
77.5612

■ 93.8365, 99.4091,
107.2761

■ 63.6006, 84.7246,
65.0788

■ 95.0500, 100.0000,
108.9000

■ 56.3290, 81.2113,
54.1078

■ 50.3467, 78.3317,
44.5906

■ 45.5756, 76.0470,
36.4658

■ 41.9293, 74.3140,
29.6676

■ 39.3093, 73.0833,
24.1247

■ 37.5989, 72.2964,
19.7589

■ 36.6785, 71.8874,
16.7568

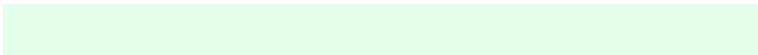
Harmonies

Analogous

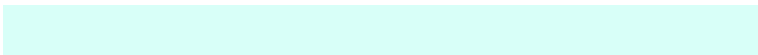
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0173, 93.7914, 83.8216



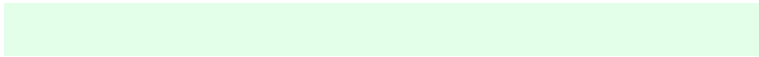
82.2898, 93.7914, 91.6083



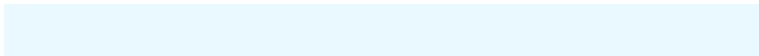
81.3836, 93.7914, 102.7673

Triad

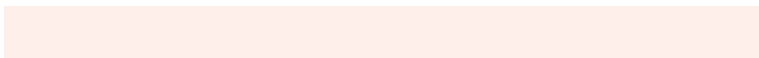
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2898, 93.7914, 91.6083



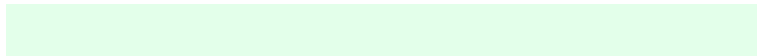
89.3707, 93.7914, 126.7878



96.1363, 93.7914, 90.5761

Complementary

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



82.2898, 93.7914, 91.6083



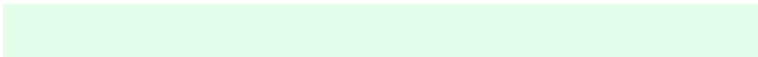
85.6527, 82.9763, 100.3083

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.



97.3868, 93.7914, 101.4811



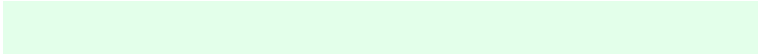
82.2898, 93.7914, 91.6083



93.4061, 93.7914, 122.9111

Square

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



82.2898, 93.7914, 91.6083



85.3947, 93.7914, 123.6402



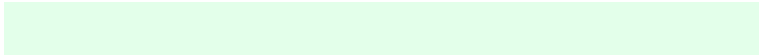
96.3726, 93.7914, 113.4127



93.0054, 93.7914, 83.2591

Rectangle

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



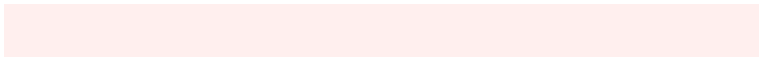
82.2898, 93.7914, 91.6083



81.9110, 93.7914, 110.7972



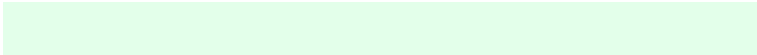
96.3726, 93.7914, 113.4127



96.7948, 93.7914, 93.9135

Sweetspot

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



82.2906, 93.7918, 91.6098



91.3812, 98.2138, 103.9784



88.3369, 97.0227, 86.7456



19.3545, 20.9221, 21.9795



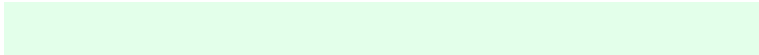
0.0000, 0.0000, 0.0000



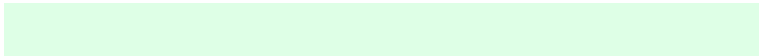
20.3446, 21.4041, 23.3091

Same Dimension

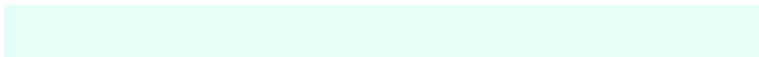
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2906, 93.7918, 91.6098



80.1406, 92.7469, 88.6429



84.3824, 94.6285, 102.6249



17.9578, 20.2427, 20.0809



19.2151, 37.5826, 9.0180



1.9124, 3.6759, 1.0966

Inverse Universe

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



85.6527, 82.9763, 100.3083



84.0655, 80.1205, 98.7966



83.5610, 82.1396, 89.2932



18.5872, 18.2182, 21.7093



26.5396, 13.1051, 27.2895



2.6277, 1.2935, 2.8870

Previews

White Background



This preview shows how the XYZ color 82.2898, 93.7914, 91.6083 looks on a white background.

Color Contrast Check

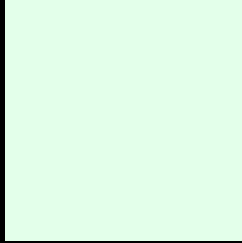
Large Text (above 18pt) WCAG AA × Fail

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 82.2898, 93.7914, 91.6083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

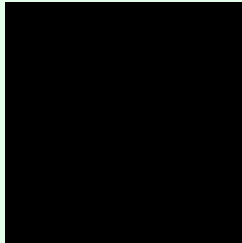
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

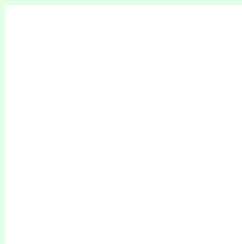
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2898, 93.7914, 91.6083

Background



This preview shows how black text looks on a background with the XYZ color 82.2898, 93.7914, 91.6083.



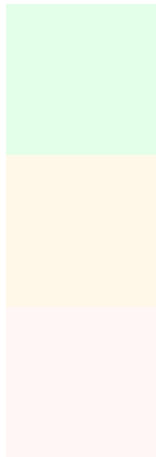
This preview shows how white text looks on a background with the XYZ color 82.2898, 93.7914,

91.6083.

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

82.2898, 93.7914, 91.6083

Protanopia

89.0663, 93.6077, 89.7177

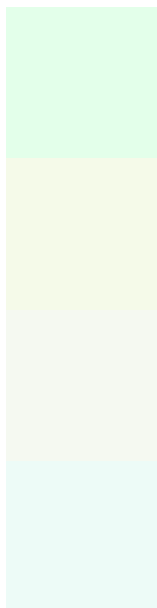
Deuteranopia

90.6772, 93.7641, 99.7053

Tritanopia

88.5795, 93.4095, 107.9689

Trichromacy



Original Color

82.2898, 93.7914, 91.6083

Protanomaly

86.5498, 93.6669, 90.6086

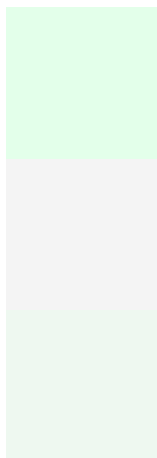
Deuteranomaly

87.4091, 93.5147, 96.6623

Tritanomaly

86.2107, 93.7143, 101.5406

Monochromacy



Original Color

82.2898, 93.7914, 91.6083

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

84.5555, 91.6032, 95.6627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2898, 93.7914, 91.6083 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(227, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 234)  
}
```

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(227, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 234) }
```

Border

The CSS property to change the border of an element to XYZ 82.2898, 93.7914, 91.6083 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(227, 255, 234) }
```


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

```
.border{ border-color:rgb(227, 255, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2898, 93.7914, 91.6083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 234) }
```

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

```
.background{ background-color: rgb(227,  
255, 234) }
```

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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