

Converting Colors

XYZ(83.3818, 94.9163, 91.8941)

Have a look what the booklet for
XYZ(83.3818, 94.9163, 91.8941)
contains.

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Color

**XYZ(82.9244, 94.1185,
91.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FFEA
RGB	229, 255, 234
RGB Percent	90%, 100%, 92%
CMY	0.1020, 0.0000, 0.0823
CMYK	0.10, 0.00, 0.08, 0.00
HSL	132°, 100%, 95%
HSV	132°, 10%, 100%
XYZ	82.9244, 94.1185, 91.6380
YIQ	244.8320, -8.7550, -12.0430

Conversions

Conversions Part 2

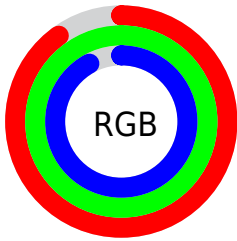
Format	Color
R _Y B	229, 251, 255
Decimal	15073258
CIE Lab	97.68, -12.23, 7.17
CIE LCh	98, 14.177, 149.616
Yxy	94.1185, 0.3086, 0.3503
Android (android.graphics.Color)	4293263338 (0xFFE5FFE5)
YUV	244.8320, -5.3402, -13.8847
Hunter-Lab	97.0147, -17.2008, 11.9062

Details

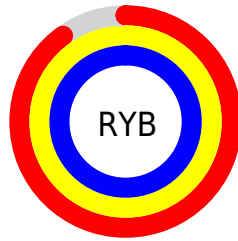
The XYZ color **82.9244, 94.1185, 91.6380** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86.5151, 84.2017, 102.1351**, and the grayscale version is **86.7022, 91.2175, 99.3358**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4635, 52.4868, 49.8543** is the 20% darker color. If you saturate the color by 10%, you get **72.5874, 89.1118, 76.5960**, and if you desaturate by 10%, it is **94.8022, 99.8797, 108.5506**.

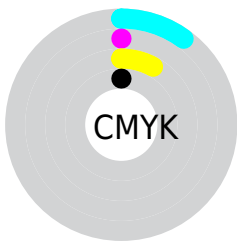
Distribution



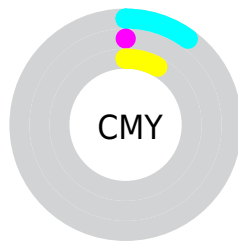
- Red (90%)
- Green (100%)
- Blue (92%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9244, 94.1185, 91.6380 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 82.9244, 94.1185, 91.6380 by changing the saturation by 10% instead.


 82.9244, 94.1185,
91.6380

 82.9244, 94.1185,
91.6380


493.3223,
541.3391, 554.0519

 62.4445, 71.4015,
68.7586


136.3986,
153.0462, 151.5669

 45.6489, 52.6699,
50.0446

170.1237,
190.0257, 189.4535

 32.1723, 37.5393,
35.0774


208.9945,
232.5282, 233.1797

 21.6493, 25.6254,
23.4385

253.3764,
280.9381, 283.1639

 13.7146, 16.5436,
14.7093

303.6348,
335.6397, 339.8246

 8.0028, 9.9096,
8.4713

360.1350,

 4.1486, 5.3391,

397.0175, 403.5806

4.3059

423.2424,
465.4558, 474.8501

■ 1.7865, 2.4475,
1.7946

■ 0.5095, 0.8502,
0.4244

■ 82.9244, 94.1185,
91.6380

■ 82.9244, 94.1185,
91.6380

■ 72.5874, 89.1118,
76.5960

94.8022, 99.8797,
108.5506

■ 63.7250, 84.8270,
63.3559

95.0500, 100.0000,
108.9000

■ 56.2701, 81.2307,
51.8513

■ 50.1490, 78.2867,
42.0102

■ 45.2815, 75.9551,
33.7553

■ 41.5785, 74.1917,
27.0033

■ 38.9386, 72.9463,
21.6632

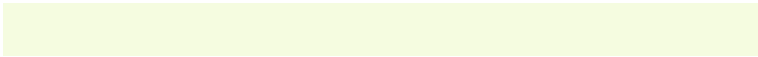
■ 37.2425, 72.1593,
17.6340

■ 36.3153, 71.7421,
14.8441

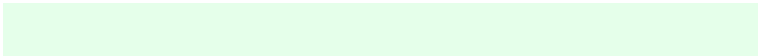
Harmonies

Analogous

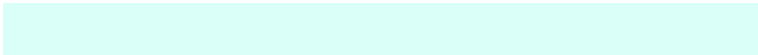
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6743, 94.1185, 84.3370



82.9244, 94.1185, 91.6380



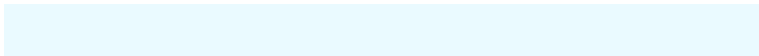
81.9148, 94.1185, 102.3301

Triad

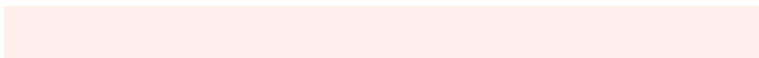
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9244, 94.1185, 91.6380



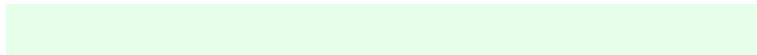
89.4048, 94.1185, 126.3631



96.3783, 94.1185, 91.8779

Complementary

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



82.9244, 94.1185, 91.6380



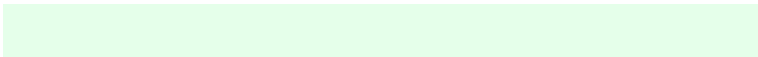
86.5151, 84.2017, 102.1351

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.



97.4481, 94.1185, 102.6282



82.9244, 94.1185, 91.6380



93.3491, 94.1185, 123.0524

Square

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



82.9244, 94.1185, 91.6380



85.5867, 94.1185, 122.8841



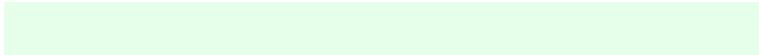
96.3236, 94.1185, 114.1431



93.4419, 94.1185, 84.4680

Rectangle

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



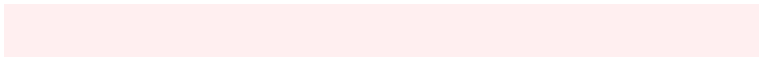
82.9244, 94.1185, 91.6380



82.3403, 94.1185, 110.1272



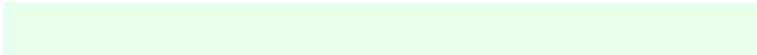
96.3236, 94.1185, 114.1431



96.9720, 94.1185, 95.1935

Sweetspot

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



82.9252, 94.1189, 91.6395



91.3123, 98.1863, 103.6156



89.4112, 97.5444, 88.2455



19.3360, 20.9147, 21.8820



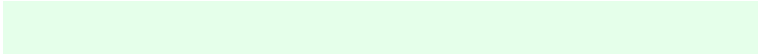
0.0000, 0.0000, 0.0000



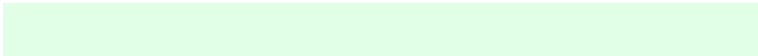
20.3446, 21.4041, 23.3091

Same Dimension

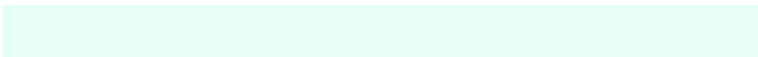
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9252, 94.1189, 91.6395



80.9476, 93.1605, 88.7884



84.8263, 94.8793, 101.6502



17.9143, 20.2252, 19.8517



19.0159, 37.5029, 7.9689



1.8873, 3.6658, 0.9644

Inverse Universe

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



86.5151, 84.2017, 102.1351



85.1201, 81.6333, 100.9870



84.5802, 83.4277, 91.9459



18.6340, 18.2369, 21.9560



27.4206, 13.4575, 31.9288



2.7065, 1.3250, 3.3019

Previews

White Background



This preview shows how the XYZ color 82.9244, 94.1185, 91.6380 looks on a white background.

Color Contrast Check

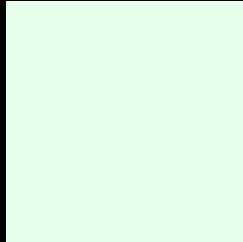
Large Text (above 18pt) WCAG AA × Fail

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 82.9244, 94.1185, 91.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

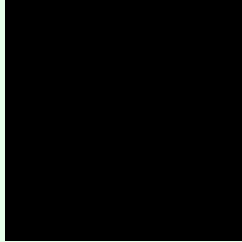
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

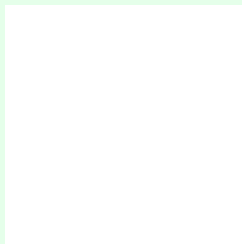
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.9244, 94.1185, 91.6380

Background



This preview shows how black text looks on a background with the XYZ color 82.9244, 94.1185, 91.6380.



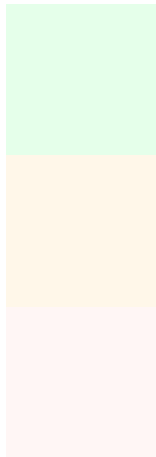
This preview shows how white text looks on a background with the XYZ color 82.9244, 94.1185,

91.6380.

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

82.9244, 94.1185, 91.6380

Protanopia

89.2087, 93.6647, 90.4681

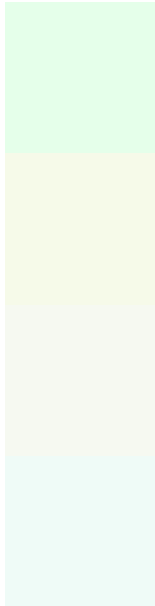
Deuteranopia

90.6772, 93.7641, 99.7053

Tritanopia

89.2339, 94.2045, 108.0879

Trichromacy



Original Color

82.9244, 94.1185, 91.6380

Protanomaly

86.8996, 93.8472, 90.6250

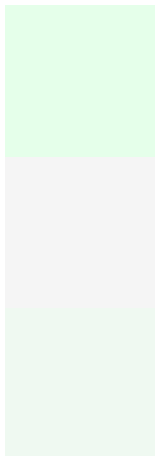
Deuteranomaly

87.7589, 93.6951, 96.6787

Tritanomaly

86.8823, 94.0605, 101.5720

Monochromacy



Original Color

82.9244, 94.1185, 91.6380

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.3495, 92.4530, 96.5659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9244, 94.1185, 91.6380 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, 234) looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 234) }
```

Border

The CSS property to change the border of an element to XYZ 82.9244, 94.1185, 91.6380 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, 234) }
```


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

```
.border{ border-color:rgb(229, 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(229, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9244, 94.1185, 91.6380 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, 234) }
```

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

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