

Converting Colors

XYZ(81.2267, 93.4382, 82.7561)

Have a look what the booklet for
XYZ(81.2267, 93.4382, 82.7561)
contains.

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Color

**XYZ(81.2579, 93.4519,
82.8625)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FFDE
RGB	229, 255, 222
RGB Percent	90%, 100%, 87%
CMY	0.1020, 0.0000, 0.1294
CMYK	0.10, 0.00, 0.13, 0.00
HSL	107°, 100%, 94%
HSV	107°, 13%, 100%
XYZ	81.2579, 93.4519, 82.8625
YIQ	243.4640, -4.9030, -15.7750

Conversions

Conversions Part 2

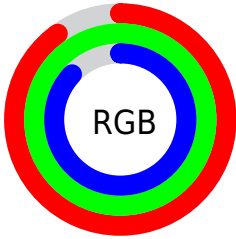
Format	Color
R _Y B	222, 255, 248
Decimal	15073246
CIE Lab	97.41, -14.29, 12.94
CIE LCh	97, 19.278, 137.848
Yxy	93.4519, 0.3155, 0.3628
Android (android.graphics.Color)	4293263326 (0xFFE5FFDE)
YUV	243.4640, -10.5818, -12.6849
Hunter-Lab	96.6705, -19.1325, 16.8481

Details

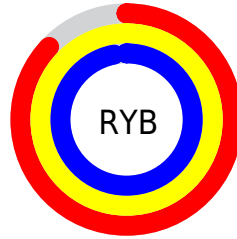
The XYZ color **81.2579, 93.4519, 82.8625** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.8834, 79.4202, 105.5689**, and the grayscale version is **85.6450, 90.1052, 98.1246**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4027, 52.0624, 44.2680** is the 20% darker color. If you saturate the color by 10%, you get **72.0502, 89.0707, 65.9195**, and if you desaturate by 10%, it is **91.7260, 98.4232, 102.5655**.

Distribution



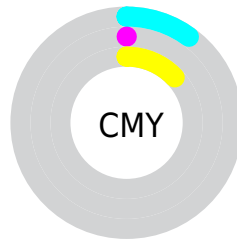
- Red (90%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (97%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.2579, 93.4519, 82.8625 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 81.2579, 93.4519, 82.8625 by changing the saturation by 10% instead.


 81.2579, 93.4519,
82.8625

 81.2579, 93.4519,
82.8625


487.8342,
539.1969, 524.4871

 61.0660, 70.8472,
61.5368


134.0741,
152.1241, 139.2304

 44.5312, 52.2175,
44.2251


167.4291,
188.9604, 175.1096

 31.2880, 37.1785,
30.5091


205.9026,
231.3092, 216.6771

 20.9712, 25.3457,
19.9700

249.8599,
279.5552, 264.3514

 13.2153, 16.3348,
12.1894

299.6664,
334.0825, 318.5510

 7.6550, 9.7614,
6.7487

355.6873,

 3.9249, 5.2410,

395.2756, 379.6944

3.2294

418.2882,
463.5190, 448.2003

■ 1.6597, 2.3894,
1.2129

■ 0.4309, 0.8204,
0.0000

■ 81.2579, 93.4519,
82.8625

■ 81.2579, 93.4519,
82.8625

■ 72.0502, 89.0707,
65.9195

■ 91.7260, 98.4232,
102.5655

■ 64.0523, 85.2561,
51.6092

95.0500, 100.0000,
108.9000

■ 57.2136, 81.9848,
39.8006

■ 51.4786, 79.2316,
30.3500

■ 46.7875, 76.9689,
23.0987

■ 43.0741, 75.1665,
17.8689

■ 40.2644, 73.7906,
14.4550

■ 38.2722, 72.8025,
12.6075

■ 37.2861, 72.3068,
11.9914

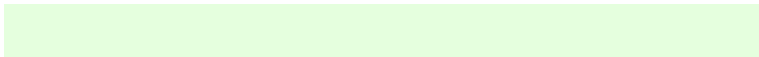
Harmonies

Analogous

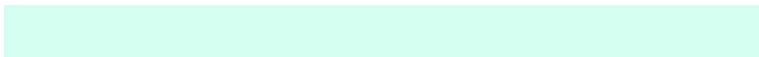
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6411, 93.4519, 75.7097



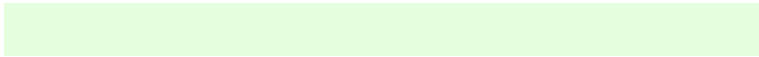
81.2579, 93.4519, 82.8625



78.9409, 93.4519, 95.5484

Triad

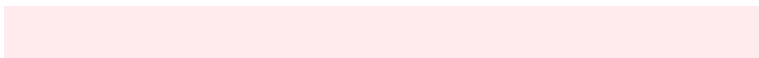
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2579, 93.4519, 82.8625



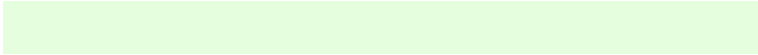
86.6294, 93.4519, 134.1022



99.2065, 93.4519, 92.8048

Complementary

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



81.2579, 93.4519, 82.8625



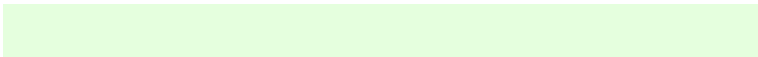
82.8834, 79.4202, 105.5689

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.



99.4977, 93.4519, 108.2210



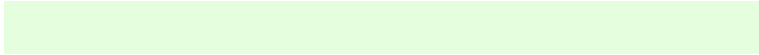
81.2579, 93.4519, 82.8625



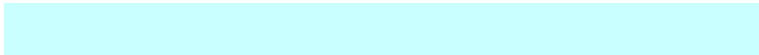
92.0832, 93.4519, 133.1738

Square

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



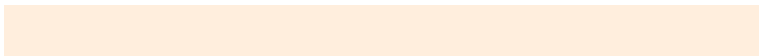
81.2579, 93.4519, 82.8625



81.9558, 93.4519, 125.7364



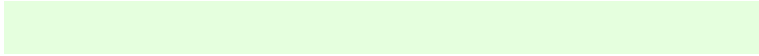
96.8441, 93.4519, 123.3167



96.0640, 93.4519, 81.0319

Rectangle

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



81.2579, 93.4519, 82.8625



78.8143, 93.4519, 105.9184



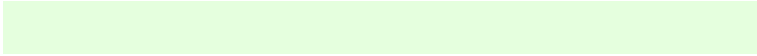
96.8441, 93.4519, 123.3167



99.6456, 93.4519, 97.6987

Sweetspot

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



81.2586, 93.4523, 82.8639



90.5558, 97.8679, 100.3438



87.9465, 93.5769, 82.5355



19.2068, 20.8643, 21.1443



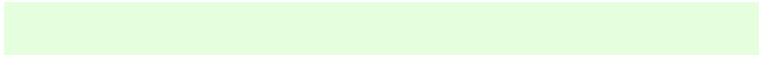
0.0000, 0.0000, 0.0000



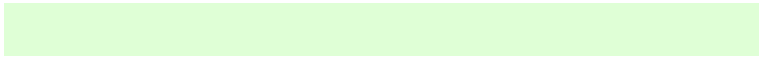
20.3446, 21.4041, 23.3091

Same Dimension

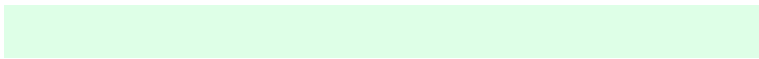
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.2586, 93.4523, 82.8639



78.3097, 92.0501, 77.3924



80.3583, 92.8393, 89.5462



18.1316, 20.3537, 19.1174



19.5827, 37.8333, 6.2704



1.9931, 3.7282, 0.6146

Inverse Universe

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



82.8834, 79.4202, 105.5689



80.2746, 75.0698, 104.8667



83.9428, 80.1360, 97.9514



18.3933, 18.0945, 22.7731



22.1352, 10.3216, 50.2602



2.2450, 1.0512, 4.8979

Previews

White Background



This preview shows how the XYZ color 81.2579, 93.4519, 82.8625 looks on a white background.

Color Contrast Check

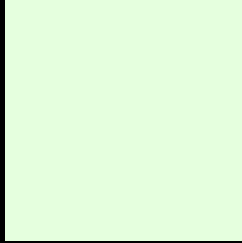
Large Text (above 18pt) WCAG AA × Fail

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 81.2579, 93.4519, 82.8625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

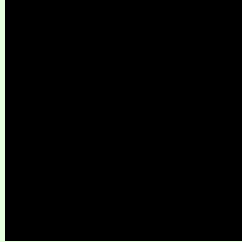
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

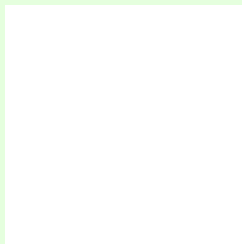
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.2579, 93.4519, 82.8625

Background



This preview shows how black text looks on a background with the XYZ color 81.2579, 93.4519, 82.8625.



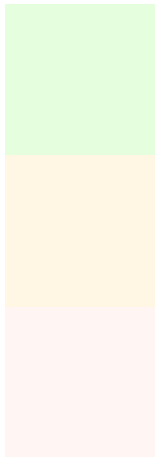
This preview shows how white text looks on a background with the XYZ color 81.2579, 93.4519,

82.8625.

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

81.2579, 93.4519, 82.8625

Protanopia

88.3659, 93.3276, 86.0297

Deuteranopia

89.9194, 92.9756, 97.2112

Tritanopia

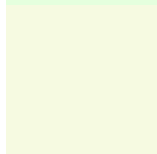
88.5795, 93.4095, 107.9689

Trichromacy



Original Color

81.2579, 93.4519, 82.8625



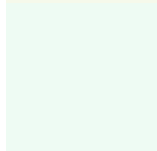
Protanomaly

85.7822, 93.4003, 84.7410



Deuteranomaly

86.8771, 93.3424, 92.0352



Tritanomaly

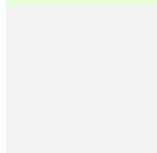
85.9347, 93.6426, 98.3396

Monochromacy



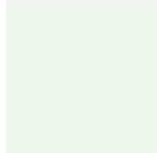
Original Color

81.2579, 93.4519, 82.8625



Achromatopsia

85.1904, 89.6269, 97.6037



Achromatomaly

83.5161, 90.6968, 91.7017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2579, 93.4519, 82.8625 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 222) }
```

Border

The CSS property to change the border of an element to XYZ 81.2579, 93.4519, 82.8625 is called "border". The border property can be set on classes, ids or directly on the HTML element.

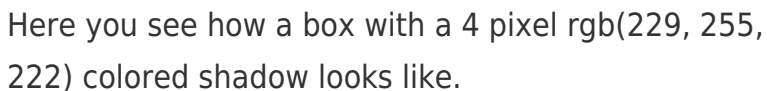
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 255, 222) }
```


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

```
.border{ border-color:rgb(229, 255, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 255, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 255, 222); box-shadow:4px 4px 4px 4px rgb(229, 255, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2579, 93.4519, 82.8625 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, 222) }
```

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

```
.background{ background-color: rgb(229,  
255, 222) }
```

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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