

Converting Colors

XYZ(81.9712, 93.5699, 94.1788)

Have a look what the booklet for
XYZ(81.9712, 93.5699, 94.1788)
contains.

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Color

**XYZ(81.7865, 93.4817,
93.8539)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FFED
RGB	224, 255, 237
RGB Percent	88%, 100%, 93%
CMY	0.1216, 0.0000, 0.0706
CMYK	0.12, 0.00, 0.07, 0.00
HSL	145°, 100%, 94%
HSV	145°, 12%, 100%
XYZ	81.7865, 93.4817, 93.8539
YIQ	243.6790, -12.6980, -12.1700

Conversions

Conversions Part 2

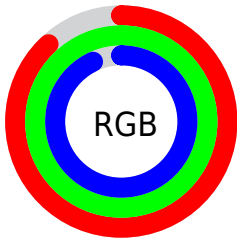
Format	Color
R _Y B	224, 246, 255
Decimal	14745581
CIE Lab	97.42, -13.32, 5.22
CIE LCh	97, 14.303, 158.605
Yxy	93.4817, 0.3039, 0.3474
Android (android.graphics.Color)	4292935661 (0xFFE0FFED)
YUV	243.6790, -3.2927, -17.2585
Hunter-Lab	96.6859, -18.2075, 10.1268

Details

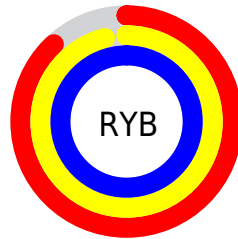
The XYZ color **81.7865, 93.4817, 93.8539** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.9231, 80.9830, 95.2124**, and the grayscale version is **85.7648, 90.2313, 98.2619**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8968, 52.1594, 51.4175** is the 20% darker color. If you saturate the color by 10%, you get **72.3923, 88.8785, 82.5849**, and if you desaturate by 10%, it is **92.5462, 98.7681, 106.1221**.

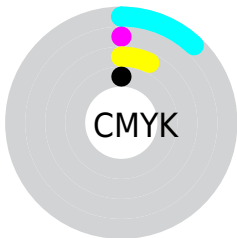
Distribution



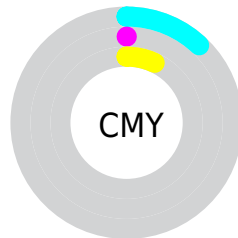
- Red (88%)
- Green (100%)
- Blue (93%)



- Red (88%)
- Yellow (96%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.7865, 93.4817, 93.8539 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 81.7865, 93.4817, 93.8539 by changing the saturation by 10% instead.


 81.7865, 93.4817,
93.8539

 81.7865, 93.4817,
93.8539


489.5786,
539.2928, 561.3797

 61.5031, 70.8719,
70.5898


134.8119,
152.1653, 154.6622

 44.8854, 52.2377,
51.5278


168.2847,
189.0080, 193.0435

 31.5680, 37.1946,
36.2492


206.8846,
231.3638, 237.3010

 21.1857, 25.3582,
24.3355

250.9769,
279.6170, 287.8531

 13.3731, 16.3441,
15.3682

300.9272,
334.1522, 345.1186

 7.7647, 9.7680,
8.9287

357.1006,

 3.9953, 5.2454,

395.3536, 409.5158

4.5985

419.8627,
463.6057, 481.4633

■ 1.6995, 2.3920,
1.9591

■ 0.4559, 0.8217,
0.5300

■ 81.7865, 93.4817,
93.8539

■ 81.7865, 93.4817,
93.8539

■ 72.3923, 88.8785,
82.5849

■ 92.5462, 98.7681,
106.1221

■ 64.3042, 84.9285,
72.2857

95.0500, 100.0000,
108.9000

■ 57.4621, 81.6013,
62.9315

■ 51.8000, 78.8632,
54.4951

■ 47.2453, 76.6775,
46.9478

■ 43.7172, 75.0031,
40.2594

■ 41.1231, 73.7928,
34.3975

■ 39.3517, 72.9900,
29.3277

■ 38.4108, 72.5803,
25.8790

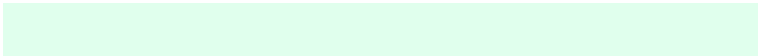
Harmonies

Analogous

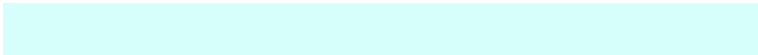
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0740, 93.4817, 85.3110



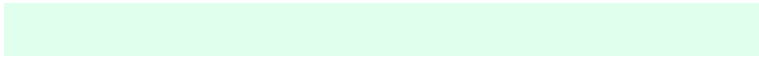
81.7865, 93.4817, 93.8539



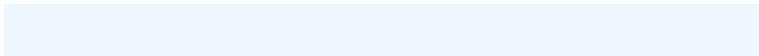
81.3618, 93.4817, 105.1642

Triad

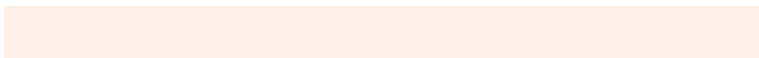
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7865, 93.4817, 93.8539



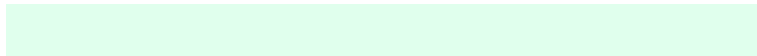
90.0235, 93.4817, 125.5038



95.0861, 93.4817, 88.4765

Complementary

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



81.7865, 93.4817, 93.8539



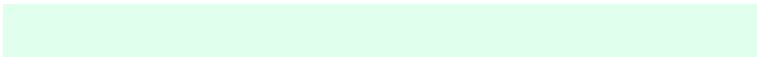
83.9231, 80.9830, 95.2124

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.



96.7874, 93.4817, 98.4803



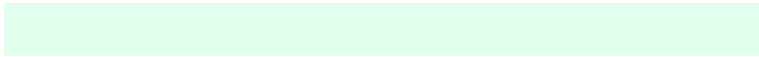
81.7865, 93.4817, 93.8539



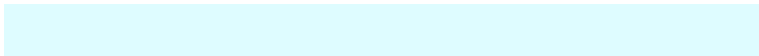
93.8068, 93.4817, 120.2555

Square

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



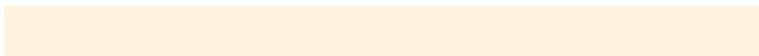
81.7865, 93.4817, 93.8539



86.0370, 93.4817, 124.0291



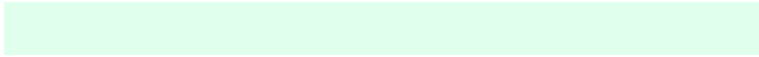
96.3122, 93.4817, 110.1522



91.7268, 93.4817, 82.3746

Rectangle

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



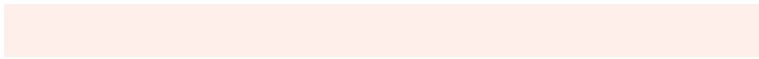
81.7865, 93.4817, 93.8539



82.1794, 93.4817, 112.8575



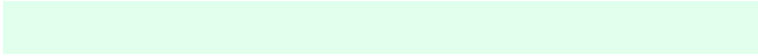
96.3122, 93.4817, 110.1522



95.8754, 93.4817, 91.4627

Sweetspot

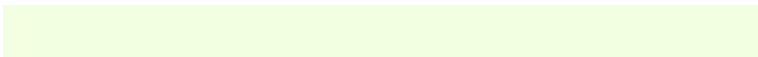
The Sweet Spot groups the original color and five complimentary colors.



81.7873, 93.4821, 93.8554



90.4575, 97.7409, 103.7844



85.8616, 95.7940, 84.4869



19.1822, 20.8324, 22.0121



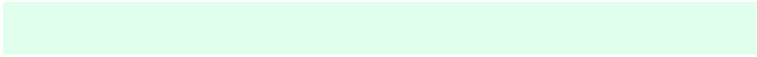
0.0000, 0.0000, 0.0000



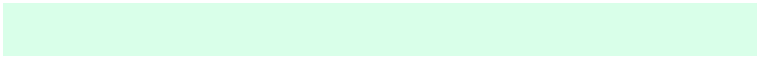
20.3446, 21.4041, 23.3091

Same Dimension

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



81.7873, 93.4821, 93.8554



78.9792, 92.1047, 90.5500



84.1378, 94.4223, 106.2329



18.0876, 20.2946, 20.7641



20.1410, 37.9530, 13.8937



2.0141, 3.7166, 1.6322

Inverse Universe

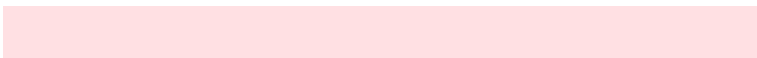
The Inverse Universe completely reimagines the original color for something new.



83.9231, 80.9830, 95.2124



81.5623, 76.9865, 92.1904



81.7040, 80.0954, 83.5267



18.4517, 18.1640, 20.9955



24.4204, 12.2575, 16.1302



2.4323, 1.2153, 1.8578

Previews

White Background



This preview shows how the XYZ color 81.7865, 93.4817, 93.8539 looks on a white background.

Color Contrast Check

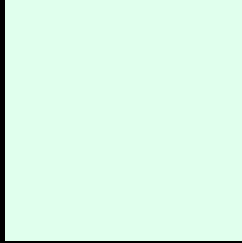
Large Text (above 18pt) WCAG AA × Fail

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 81.7865, 93.4817, 93.8539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

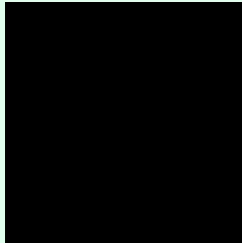
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

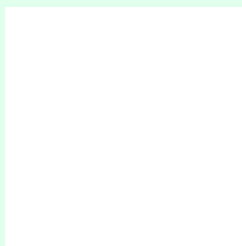
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7865, 93.4817, 93.8539

Background



This preview shows how black text looks on a background with the XYZ color 81.7865, 93.4817, 93.8539.



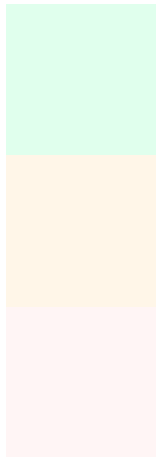
This preview shows how white text looks on a background with the XYZ color 81.7865, 93.4817,

93.8539.

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

81.7865, 93.4817, 93.8539

Protanopia

88.7613, 92.9977, 89.6161

Deuteranopia

90.3738, 93.1574, 99.6042

Tritanopia

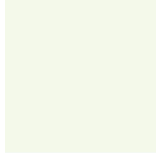
88.2354, 93.2320, 107.9528

Trichromacy



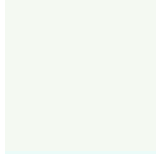
Original Color

81.7865, 93.4817, 93.8539



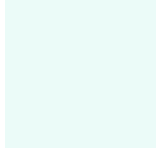
Protanomaly

86.0352, 92.9250, 91.2437



Deuteranomaly

87.2109, 93.3953, 97.4350



Tritanomaly

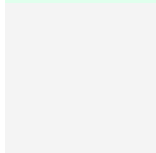
85.7014, 93.4338, 102.3245

Monochromacy



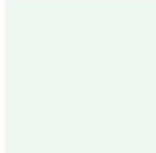
Original Color

81.7865, 93.4817, 93.8539



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.3696, 91.4902, 96.4317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7865, 93.4817, 93.8539 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(224, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 237) }
```

Border

The CSS property to change the border of an element to XYZ 81.7865, 93.4817, 93.8539 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(224, 255, 237) }
```


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

```
.border{ border-color:rgb(224, 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(224, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7865, 93.4817, 93.8539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 237) }
```

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

```
.background{ background-color: rgb(224,  
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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