

Converting Colors

XYZ(84.4170, 99.0241, 99.5405)

Have a look what the booklet for
XYZ(84.4170, 99.0241, 99.5405)
contains.

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Color

**XYZ(81.4529, 93.2067,
98.4917)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFFF3
RGB	220, 255, 243
RGB Percent	86%, 100%, 95%
CMY	0.1372, 0.0000, 0.0471
CMYK	0.14, 0.00, 0.05, 0.00
HSL	159°, 100%, 93%
HSV	159°, 14%, 100%
XYZ	81.4529, 93.2067, 98.4917
YIQ	243.1670, -17.0080, -11.1520

Conversions

Conversions Part 2

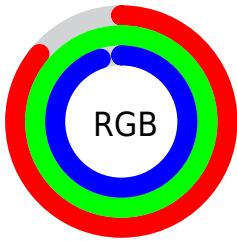
Format	Color
R _Y B	220, 241, 255
Decimal	14483443
CIE Lab	97.31, -13.49, 1.94
CIE LCh	97, 13.624, 171.810
Yxy	93.2067, 0.2982, 0.3412
Android (android.graphics.Color)	4292673523 (0xFFDCFFF3)
YUV	243.1670, -0.0823, -20.3175
Hunter-Lab	96.5436, -18.3526, 7.0942

Details

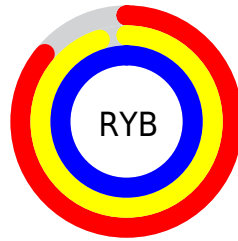
The XYZ color **81.4529, 93.2067, 98.4917** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.3993, 78.2738, 87.1623**, and the grayscale version is **85.3343, 89.7784, 97.7687**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6808, 51.9754, 54.6910** is the 20% darker color. If you saturate the color by 10%, you get **73.0259, 89.0114, 91.3698**, and if you desaturate by 10%, it is **91.1218, 98.0350, 106.0028**.

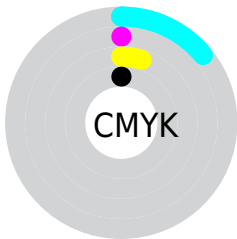
Distribution



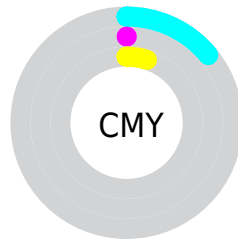
- Red (86%)
- Green (100%)
- Blue (95%)



- Red (86%)
- Yellow (95%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4529, 93.2067, 98.4917 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 81.4529, 93.2067, 98.4917 by changing the saturation by 10% instead.


 81.4529, 93.2067,
98.4917

 81.4529, 93.2067,
98.4917


488.4781,
538.4078, 576.5513

 61.2272, 70.6433,
74.4316

134.3463,
151.7848, 161.1166

 44.6618, 52.0512,
54.6485


167.7448,
188.5682, 200.5186

 31.3913, 37.0459,
38.7236

206.2650,
230.8605, 245.8716

 21.0503, 25.2430,
26.2386

250.2722,
279.0460, 297.5942

 13.2734, 16.2582,
16.7749

300.1317,
333.5090, 356.1050

 7.6954, 9.7070,
9.9139

356.2090,

 3.9508, 5.2052,

394.6341, 421.8224

5.2370

418.8693,
462.8056, 495.1650

■ 1.6743, 2.3681,
2.3258

■ 0.4401, 0.8094,
0.7456

■ 81.4529, 93.2067,
98.4917

■ 81.4529, 93.2067,
98.4917

■ 73.0259, 89.0114,
91.3698

■ 91.1218, 98.0350,
106.0028

■ 65.7840, 85.4198,
84.6255

95.0500, 100.0000,
108.9000

■ 59.6701, 82.4027,
78.2531

■ 54.6208, 79.9274,
72.2449

■ 50.5667, 77.9583,
66.5928

■ 47.4293, 76.4552,
61.2882

■ 45.1182, 75.3713,
56.3218

■ 43.5229, 74.6498,
51.6833

■ 42.7888, 74.3315,
48.9329

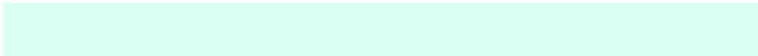
Harmonies

Analogous

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



82.8901, 93.2067, 88.9171



81.4529, 93.2067, 98.4917



81.8839, 93.2067, 109.5809

Triad

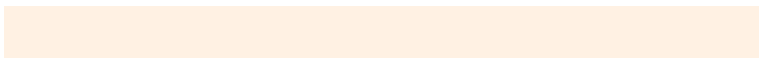
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4529, 93.2067, 98.4917



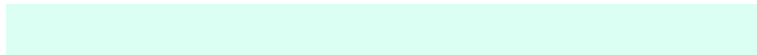
91.3732, 93.2067, 122.5023



93.2533, 93.2067, 85.6965

Complementary

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



81.4529, 93.2067, 98.4917



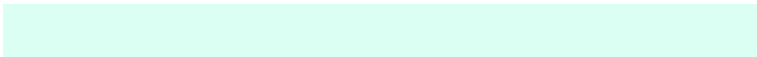
81.3993, 78.2738, 87.1623

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.



95.6529, 93.2067, 93.8004



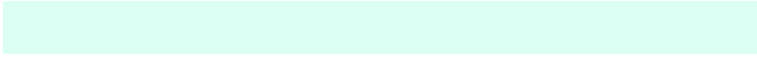
81.4529, 93.2067, 98.4917



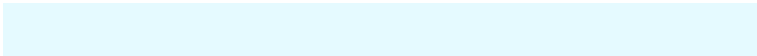
94.5457, 93.2067, 115.1874

Square

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



81.4529, 93.2067, 98.4917



87.5383, 93.2067, 123.9858



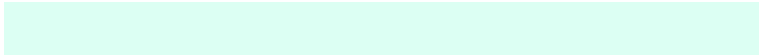
96.1327, 93.2067, 104.5409



89.6504, 93.2067, 81.8880

Rectangle

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



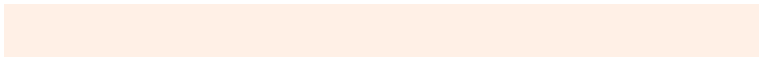
81.4529, 93.2067, 98.4917



83.1785, 93.2067, 116.3092



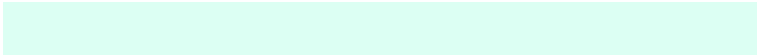
96.1327, 93.2067, 104.5409



94.2316, 93.2067, 87.9794

Sweetspot

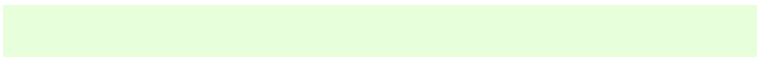
The Sweet Spot groups the original color and five complimentary colors.



81.4538, 93.2072, 98.4932



90.8385, 97.8933, 105.7908



82.0390, 93.8853, 81.5094



19.2786, 20.8709, 22.5199



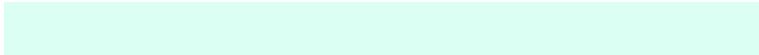
0.0000, 0.0000, 0.0000



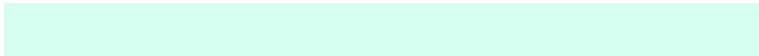
20.3446, 21.4041, 23.3091

Same Dimension

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



81.4538, 93.2072, 98.4932



79.4291, 92.1979, 96.8387



81.6739, 90.6521, 107.8007



18.2747, 20.3694, 21.7498



22.4309, 38.8690, 25.9523



2.2354, 3.8051, 2.7973

Inverse Universe

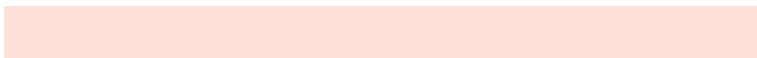
The Inverse Universe completely reimagines the original color for something new.



81.3993, 78.2738, 87.1623



79.3668, 75.0663, 83.8413



81.1519, 80.4141, 78.9560



18.2664, 18.0899, 20.0198



22.5194, 11.4970, 6.1196



2.2416, 1.1390, 0.8535

Previews

White Background



This preview shows how the XYZ color 81.4529, 93.2067, 98.4917 looks on a white background.

Color Contrast Check

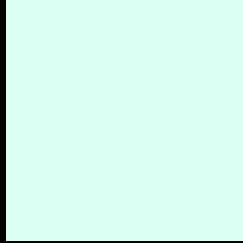
Large Text (above 18pt) WCAG AA × Fail

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 81.4529, 93.2067, 98.4917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

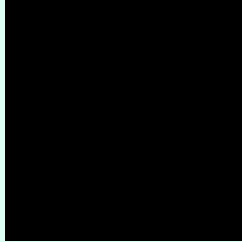
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

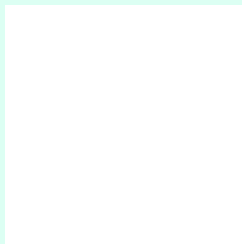
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.4529, 93.2067, 98.4917

Background



This preview shows how black text looks on a background with the XYZ color 81.4529, 93.2067, 98.4917.



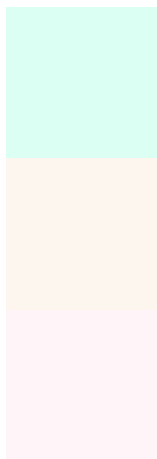
This preview shows how white text looks on a background with the XYZ color 81.4529, 93.2067,

98.4917.

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

81.4529, 93.2067, 98.4917

Protanopia

88.8964, 92.9672, 94.1480

Deuteranopia

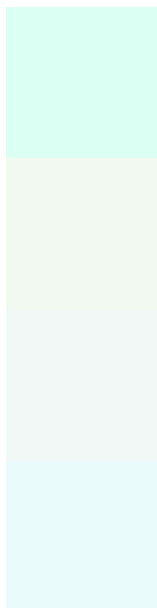
90.3792, 92.6768, 101.1206



Tritanopia

87.5526, 92.8801, 107.9209

Trichromacy



Original Color

81.4529, 93.2067, 98.4917

Protanomaly

85.8795, 92.7434, 95.8130

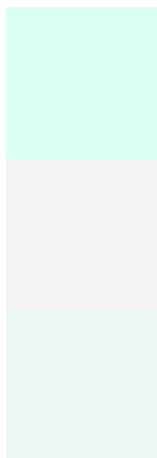
Deuteranomaly

86.8199, 92.6659, 100.4992

Tritanomaly

85.5140, 93.2830, 104.7651

Monochromacy



Original Color

81.4529, 93.2067, 98.4917

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

83.6994, 90.6548, 97.8807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4529, 93.2067, 98.4917 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(220, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 243)  
}
```

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(220, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 81.4529, 93.2067, 98.4917 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(220, 255, 243) }
```


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

```
.border{ border-color:rgb(220, 255, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4529, 93.2067, 98.4917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 243) }
```

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

```
.background{ background-color: rgb(220,  
255, 243) }
```

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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