

Converting Colors

XYZ(84.4750, 100.0000,
101.8490)

Have a look what the booklet for
XYZ(84.4750, 100.0000, 101.8490)
contains.

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Color

**XYZ(81.0098, 92.9255,
100.8555)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FFF6
RGB	217, 255, 246
RGB Percent	85%, 100%, 96%
CMY	0.1490, 0.0000, 0.0353
CMYK	0.15, 0.00, 0.04, 0.00
HSL	166°, 100%, 93%
HSV	166°, 15%, 100%
XYZ	81.0098, 92.9255, 100.8555
YIQ	242.6120, -19.7590, -10.8550

Conversions

Conversions Part 2

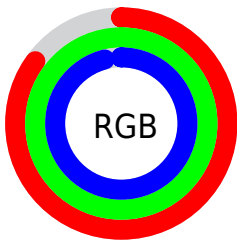
Format	Color
R_{YB}	217, 239, 255
Decimal	14286838
CIE _{Lab}	97.20, -13.86, 0.21
CIE _{LCh}	97, 13.858, 179.136
Yxy	92.9255, 0.2948, 0.3382
Android (android.graphics.Color)	4292476918 (0xFFD9FFF6)
YUV	242.6120, 1.6703, -22.4617
Hunter-Lab	96.3979, -18.6904, 5.4468

Details

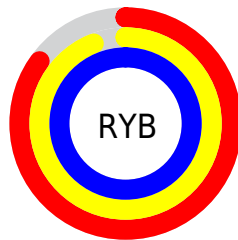
The XYZ color **81.0098, 92.9255, 100.8555** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.7809, 76.3778, 82.4893**, and the grayscale version is **84.8812, 89.3016, 97.2494**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3886, 51.7873, 56.3716** is the 20% darker color. If you saturate the color by 10%, you get **73.0951, 88.9507, 95.7261**, and if you desaturate by 10%, it is **90.1276, 97.5171, 106.2015**.

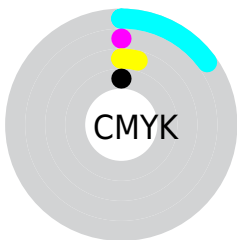
Distribution



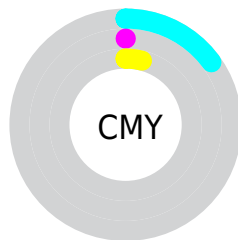
- Red (85%)
- Green (100%)
- Blue (96%)



- Red (85%)
- Yellow (94%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0098, 92.9255, 100.8555 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 81.0098, 92.9255, 100.8555 by changing the saturation by 10% instead.

81.0098, 92.9255,
100.8555

81.0098, 92.9255,
100.8555

487.0143,
537.5021, 584.2021

60.8610, 70.4096,
76.3943

133.7276,
151.3955, 164.3945

44.3651, 51.8605,
56.2473

167.0273,
188.1183, 204.3093

31.1568, 36.8939,
39.9959

205.4414,
230.3456, 250.2125

20.8707, 25.1254,
27.2216

249.3351,
278.4617, 302.5226

13.1414, 16.1705,
17.5058

299.0740,
332.8510, 361.6580

7.6037, 9.6449,
10.4300

355.0232,

3.8921, 5.1641,

393.8979, 428.0374

5.5757

417.5482,
461.9868, 502.0792

■ 1.6413, 2.3439,
2.5243

■ 0.4191, 0.7968,
0.8530

■ 81.0098, 92.9255,
100.8555

■ 81.0098, 92.9255,
100.8555

■ 73.0951, 88.9507,
95.7261

■ 90.1276, 97.5171,
106.2015

■ 66.3268, 85.5634,
90.8047

95.0500, 100.0000,
108.9000

■ 60.6478, 82.7343,
86.0886

■ 55.9949, 80.4307,
81.5735

■ 52.2981, 78.6168,
77.2543

■ 49.4787, 77.2518,
73.1260

■ 47.4449, 76.2884,
69.1826

■ 46.0837, 75.6686,
65.4172

■ 45.5667, 75.4427,
63.5614

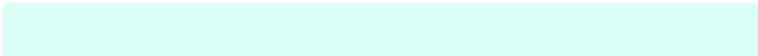
Harmonies

Analogous

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



82.0192, 92.9255, 90.5213



81.0098, 92.9255, 100.8555



81.9113, 92.9255, 112.0408

Triad

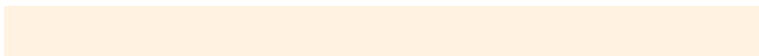
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0098, 92.9255, 100.8555



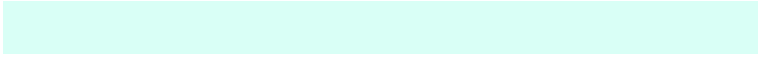
92.0379, 92.9255, 121.1974



92.2401, 92.9255, 83.7841

Complementary

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



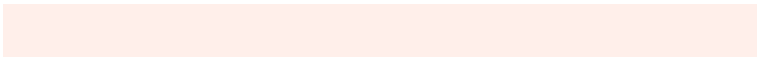
81.0098, 92.9255, 100.8555



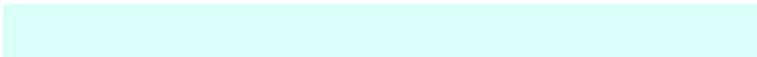
79.7809, 76.3778, 82.4893

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.



95.0607, 92.9255, 91.0449



81.0098, 92.9255, 100.8555



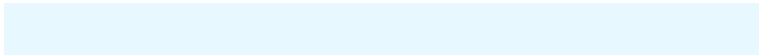
94.9416, 92.9255, 112.6443

Square

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



81.0098, 92.9255, 100.8555



88.2095, 92.9255, 124.2967



96.0634, 92.9255, 101.5053



88.4364, 92.9255, 81.1235

Rectangle

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



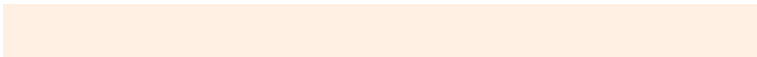
81.0098, 92.9255, 100.8555



83.4901, 92.9255, 118.3707



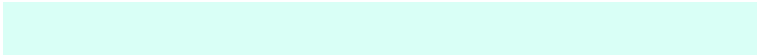
96.0634, 92.9255, 101.5053



93.3387, 92.9255, 85.7400

Sweetspot

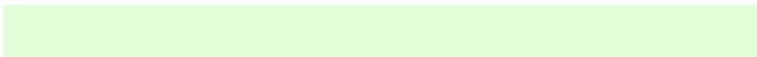
The Sweet Spot groups the original color and five complimentary colors.



81.0107, 92.9260, 100.8570



91.0099, 97.9619, 106.6937



79.8062, 92.7798, 79.3492



19.3221, 20.8883, 22.7489



0.0000, 0.0000, 0.0000



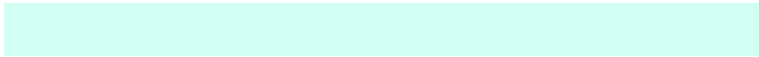
20.3446, 21.4041, 23.3091

Same Dimension

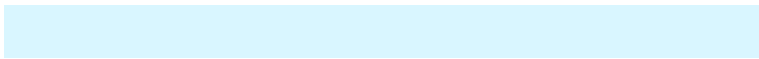
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0107, 92.9260, 100.8570



78.4318, 91.6295, 99.2443



79.4700, 87.5801, 107.3239



18.3601, 20.4036, 22.1992



23.8706, 39.4448, 33.5335



2.3664, 3.8575, 3.4874

Inverse Universe

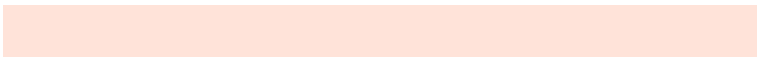
The Inverse Universe completely reimagines the original color for something new.



79.7809, 76.3778, 82.4893



76.9792, 72.0757, 77.5437



81.0976, 80.9358, 76.9950



18.1856, 18.0576, 19.5947



22.0280, 11.3005, 3.5322



2.1850, 1.1164, 0.5559

Previews

White Background



This preview shows how the XYZ color 81.0098, 92.9255, 100.8555 looks on a white background.

Color Contrast Check

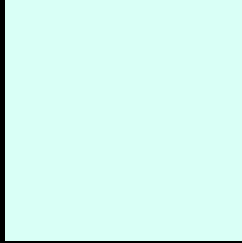
Large Text (above 18pt) WCAG AA × Fail

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 81.0098, 92.9255, 100.8555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

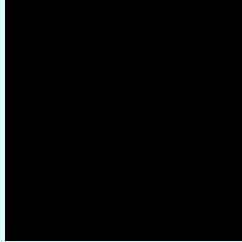
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

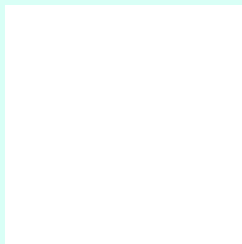
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0098, 92.9255, 100.8555

Background



This preview shows how black text looks on a background with the XYZ color 81.0098, 92.9255, 100.8555.



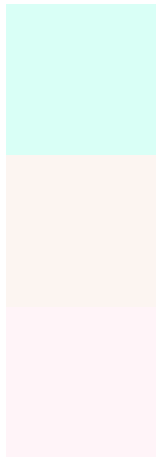
This preview shows how white text looks on a background with the XYZ color 81.0098, 92.9255,

100.8555.

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

81.0098, 92.9255, 100.8555

Protanopia

88.6745, 92.3511, 96.3710

Deuteranopia

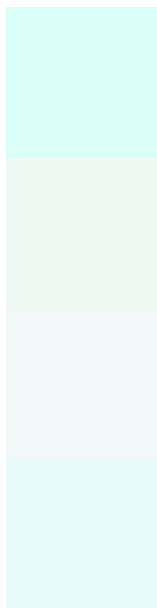
90.5340, 92.7387, 101.9356



Tritanopia

87.2140, 92.7055, 107.9050

Trichromacy



Original Color

81.0098, 92.9255, 100.8555

Protanomaly

85.6499, 92.5732, 98.1482

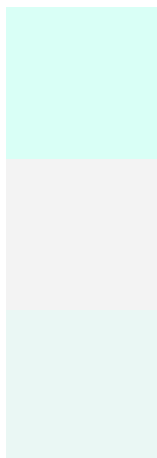
Deuteranomaly

86.6315, 92.5510, 101.2938

Tritanomaly

85.0229, 93.0116, 105.5673

Monochromacy



Original Color

81.0098, 92.9255, 100.8555

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

83.5216, 90.5456, 98.6629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0098, 92.9255, 100.8555 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(217, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 246)  
}
```

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(217, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 246) }
```

Border

The CSS property to change the border of an element to XYZ 81.0098, 92.9255, 100.8555 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(217, 255, 246) }
```


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

```
.border{ border-color:rgb(217, 255, 246) }
```

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

Here you see how a box with a 4 pixel rgb(217, 255, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0098, 92.9255, 100.8555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 246) }
```

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

```
.background{ background-color: rgb(217,  
255, 246) }
```

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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