

Converting Colors

XYZ(81.9196, 93.3690,
102.0530)

Have a look what the booklet for
XYZ(81.9196, 93.3690, 102.0530)
contains.

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Color

**XYZ(81.7619, 93.2955,
101.6942)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFFF7
RGB	219, 255, 247
RGB Percent	86%, 100%, 97%
CMY	0.1412, 0.0000, 0.0314
CMYK	0.14, 0.00, 0.03, 0.00
HSL	167°, 100%, 93%
HSV	167°, 14%, 100%
XYZ	81.7619, 93.2955, 101.6942
YIQ	243.3240, -18.8880, -10.1200

Conversions

Conversions Part 2

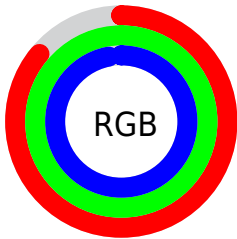
Format	Color
R_{YB}	219, 239, 255
Decimal	14417911
CIE _{Lab}	97.35, -13.04, -0.07
CIE _{LCh}	97, 13.041, 180.313
Yxy	93.2955, 0.2954, 0.3371
Android (android.graphics.Color)	4292607991 (0xFFDBFFF7)
YUV	243.3240, 1.8123, -21.3321
Hunter-Lab	96.5896, -17.9337, 5.1893

Details

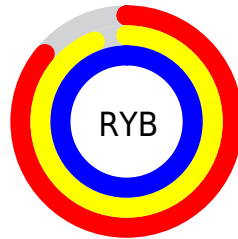
The XYZ color **81.7619, 93.2955, 101.6942** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.4372, 77.4701, 83.3869**, and the grayscale version is **85.4458, 89.8956, 97.8964**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9079, 52.0423, 56.9685** is the 20% darker color. If you saturate the color by 10%, you get **73.8080, 89.2945, 96.8280**, and if you desaturate by 10%, it is **90.9194, 97.9137, 106.7583**.

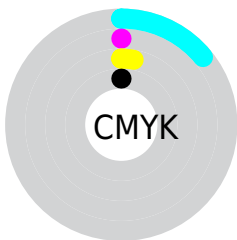
Distribution



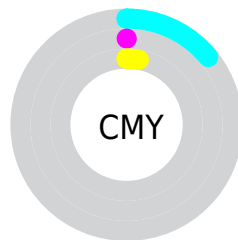
- Red (86%)
- Green (100%)
- Blue (97%)



- Red (86%)
- Yellow (94%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.7619, 93.2955, 101.6942 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 81.7619, 93.2955, 101.6942 by changing the saturation by 10% instead.


 81.7619, 93.2955,
101.6942

 81.7619, 93.2955,
101.6942


489.4975,
538.6937, 586.9039

 61.4827, 70.7171,
77.0914


134.7776,
151.9077, 165.5556

 44.8689, 52.1114,
56.8159


168.2449,
188.7102, 205.6513

 31.5550, 37.0939,
40.4491


206.8389,
231.0230, 251.7484

 21.1757, 25.2802,
27.5724

250.9250,
279.2304, 304.2655

 13.3657, 16.2859,
17.7674

300.8685,
333.7168, 363.6210

 7.7596, 9.7267,
10.6154

357.0349,

 3.9920, 5.2181,

394.8665, 430.2336

5.6979

419.7894,
463.0640, 504.5217

■ 1.6976, 2.3758,
2.5965

■ 0.4548, 0.8134,
0.8906

■ 81.7619, 93.2955,
101.6942

■ 81.7619, 93.2955,
101.6942

■ 73.8080, 89.2945,
96.8280

■ 90.9194, 97.9137,
106.7583

■ 67.0013, 85.8820,
92.1516

95.0500, 100.0000,
108.9000

■ 61.2852, 83.0287,
87.6624

■ 56.5970, 80.7023,
83.3564

■ 52.8672, 78.8670,
79.2290

■ 50.0181, 77.4828,
75.2753

■ 47.9591, 76.5030,
71.4897

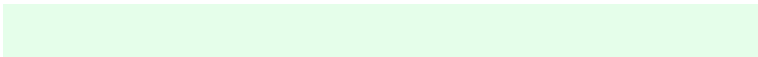
■ 46.5794, 75.8705,
67.8658

■ 45.9927, 75.6131,
65.8044

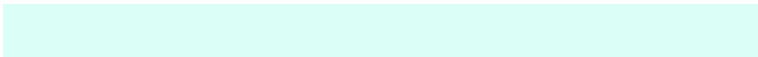
Harmonies

Analogous

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



82.6479, 93.2955, 91.8408



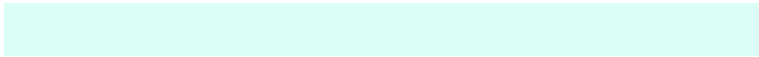
81.7619, 93.2955, 101.6942



82.6849, 93.2955, 112.1965

Triad

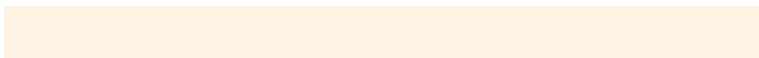
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7619, 93.2955, 101.6942



92.3070, 93.2955, 120.1689



92.2379, 93.2955, 84.9208

Complementary

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



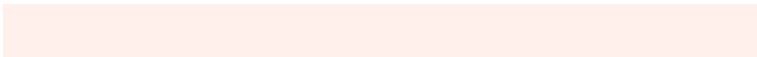
81.7619, 93.2955, 101.6942



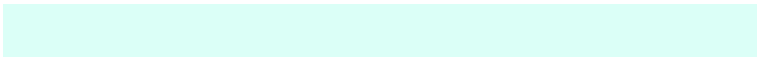
80.4372, 77.4701, 83.3869

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.



94.9467, 93.2955, 91.6608



81.7619, 93.2955, 101.6942



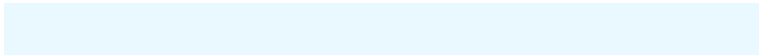
94.9874, 93.2955, 111.9908

Square

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



81.7619, 93.2955, 101.6942



88.7134, 93.2955, 123.3054



95.9663, 93.2955, 101.4718



88.6357, 93.2955, 82.5744

Rectangle

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



81.7619, 93.2955, 101.6942



84.2171, 93.2955, 118.0496



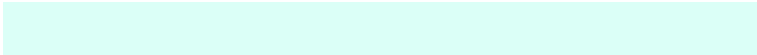
95.9663, 93.2955, 101.4718



93.2867, 93.2955, 86.7235

Sweetspot

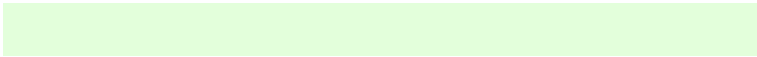
The Sweet Spot groups the original color and five complimentary colors.



81.7628, 93.2959, 101.6957



91.0337, 97.9714, 106.8186



80.3518, 93.0308, 80.7410



19.3281, 20.8907, 22.7806



0.0000, 0.0000, 0.0000



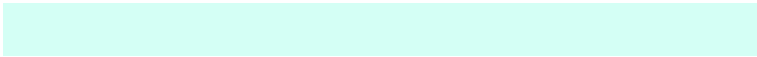
20.3446, 21.4041, 23.3091

Same Dimension

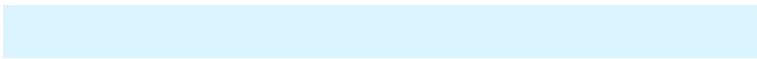
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7628, 93.2959, 101.6957



79.3483, 92.0802, 100.2724



80.0377, 87.8278, 107.3418



18.3719, 20.4083, 22.2616



24.0908, 39.5329, 34.6931



2.3862, 3.8654, 3.5913

Inverse Universe

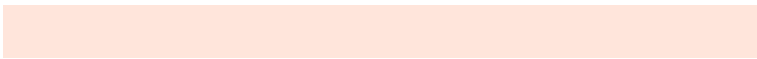
The Inverse Universe completely reimagines the original color for something new.



80.4372, 77.4701, 83.3869



77.7848, 73.4077, 78.6730



81.9356, 82.1929, 78.5656



18.1746, 18.0531, 19.5366



21.9756, 11.2795, 3.2559



2.1785, 1.1138, 0.5215

Previews

White Background



This preview shows how the XYZ color 81.7619, 93.2955, 101.6942 looks on a white background.

Color Contrast Check

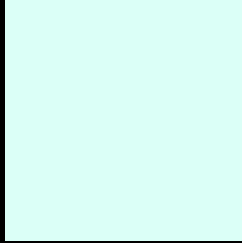
Large Text (above 18pt) WCAG AA × Fail

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 81.7619, 93.2955, 101.6942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

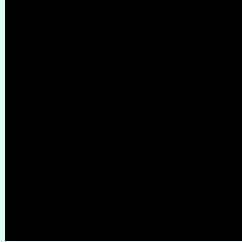
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

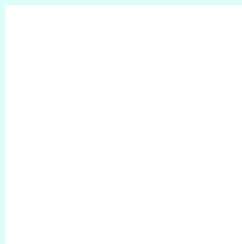
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7619, 93.2955, 101.6942

Background



This preview shows how black text looks on a background with the XYZ color 81.7619, 93.2955, 101.6942.



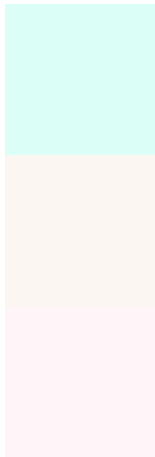
This preview shows how white text looks on a background with the XYZ color 81.7619, 93.2955,

101.6942.

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

81.7619, 93.2955, 101.6942

Protanopia

89.1277, 93.0178, 97.2611

Deuteranopia

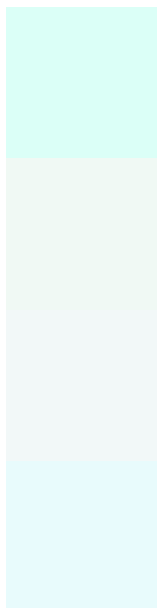
90.5340, 92.7387, 101.9356



Tritanopia

87.5526, 92.8801, 107.9209

Trichromacy



Original Color

81.7619, 93.2955, 101.6942

Protanomaly

86.1400, 92.8083, 98.9617

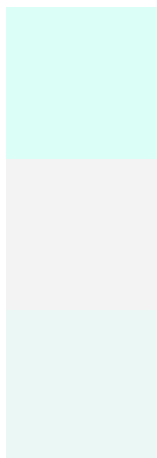
Deuteranomaly

87.1286, 92.7894, 102.1249

Tritanomaly

85.3466, 93.1784, 105.5825

Monochromacy



Original Color

81.7619, 93.2955, 101.6942

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 81.7619, 93.2955, 101.6942 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(219, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 247)  
}
```

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(219, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 247) }
```

Border

The CSS property to change the border of an element to XYZ 81.7619, 93.2955, 101.6942 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(219, 255, 247) }
```


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

```
.border{ border-color:rgb(219, 255, 247) }
```

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

Here you see how a box with a 4 pixel rgb(219, 255, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7619, 93.2955, 101.6942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 247) }
```

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

```
.background{ background-color: rgb(219,  
255, 247) }
```

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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