

Converting Colors

XYZ(84.2222, 98.2436, 97.9618)

Have a look what the booklet for
XYZ(84.2222, 98.2436, 97.9618)
contains.

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Color

**XYZ(81.7614, 93.4005,
96.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	DEFFF1
RGB	222, 255, 241
RGB Percent	87%, 100%, 95%
CMY	0.1294, 0.0000, 0.0549
CMYK	0.13, 0.00, 0.05, 0.00
HSL	155°, 100%, 94%
HSV	155°, 13%, 100%
XYZ	81.7614, 93.4005, 96.9379
YIQ	243.5370, -15.1740, -11.3500

Conversions

Conversions Part 2

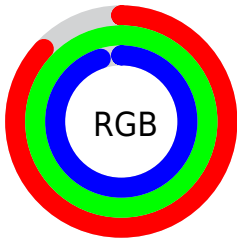
Format	Color
R _Y B	222, 243, 255
Decimal	14614513
CIE Lab	97.39, -13.22, 3.10
CIE LCh	97, 13.583, 166.813
Yxy	93.4005, 0.3005, 0.3433
Android (android.graphics.Color)	4292804593 (0xFFDEFFF1)
YUV	243.5370, -1.2507, -18.8879
Hunter-Lab	96.6439, -18.1147, 8.1804

Details

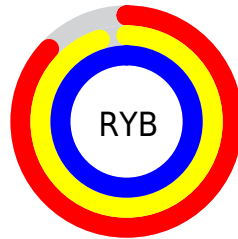
The XYZ color **81.7614, 93.4005, 96.9379** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.5021, 79.5597, 90.3652**, and the grayscale version is **85.6372, 90.0970, 98.1156**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8874, 52.1064, 53.5907** is the 20% darker color. If you saturate the color by 10%, you get **72.9646, 89.0467, 88.3409**, and if you desaturate by 10%, it is **91.8371, 98.4024, 106.0986**.

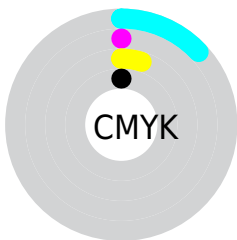
Distribution



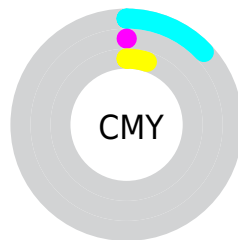
- Red (87%)
- Green (100%)
- Blue (95%)



- Red (87%)
- Yellow (95%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.7614, 93.4005, 96.9379 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 81.7614, 93.4005, 96.9379 by changing the saturation by 10% instead.


 81.7614, 93.4005,
96.9379

 81.7614, 93.4005,
96.9379

489.4958,
539.0316, 571.4926

 61.4823, 70.8044,
73.1432


134.7769,
152.0530, 158.9577

 44.8685, 52.1826,
53.6005


168.2441,
188.8782, 198.0199

 31.5547, 37.1507,
37.8914


206.8380,
231.2152, 243.0083

 21.1755, 25.3242,
25.5972

250.9239,
279.4484, 294.3414

 13.3656, 16.3187,
16.2995

300.8674,
333.9623, 352.4379

 7.7595, 9.7500,
9.5797

357.0336,

 3.9919, 5.2335,

395.1412, 417.7162

5.0192

419.7880,
463.3695, 490.5949

■ 1.6976, 2.3849,
2.1996

■ 0.4548, 0.8181,
0.6741

■ 81.7614, 93.4005,
96.9379

■ 81.7614, 93.4005,
96.9379

■ 72.9646, 89.0467,
88.3409

■ 91.8371, 98.4024,
106.0986

■ 65.3896, 85.3120,
80.2919

95.0500, 100.0000,
108.9000

■ 58.9786, 82.1666,
72.7809

■ 53.6682, 79.5781,
65.7958

■ 49.3883, 77.5105,
59.3240

■ 46.0605, 75.9237,
53.3520

■ 43.5945, 74.7713,
47.8658

■ 41.8809, 73.9972,
42.8498

■ 41.0128, 73.6211,
39.5810

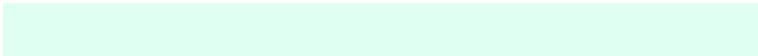
Harmonies

Analogous

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



83.4865, 93.4005, 87.8693



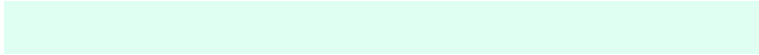
81.7614, 93.4005, 96.9379



81.8762, 93.4005, 107.9526

Triad

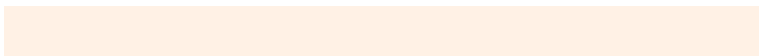
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7614, 93.4005, 96.9379



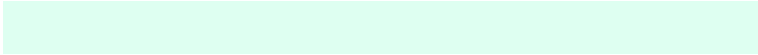
90.9325, 93.4005, 123.3675



93.9367, 93.4005, 87.0117

Complementary

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



81.7614, 93.4005, 96.9379



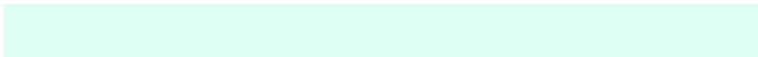
82.5021, 79.5597, 90.3652

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.



96.0495, 93.4005, 95.6884



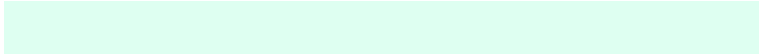
81.7614, 93.4005, 96.9379



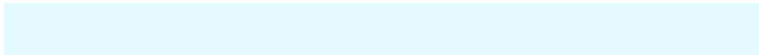
94.2810, 93.4005, 116.9047

Square

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



81.7614, 93.4005, 96.9379



87.0966, 93.4005, 123.7628



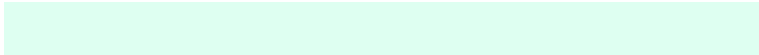
96.1773, 93.4005, 106.6099



90.4736, 93.4005, 82.4238

Rectangle

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



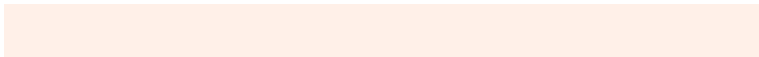
81.7614, 93.4005, 96.9379



82.9797, 93.4005, 114.9348



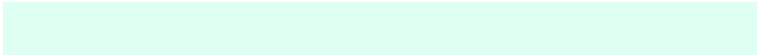
96.1773, 93.4005, 106.6099



94.8327, 93.4005, 89.5173

Sweetspot

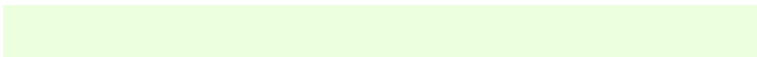
The Sweet Spot groups the original color and five complimentary colors.



81.7623, 93.4009, 96.9394



90.7075, 97.8410, 105.1012



83.6372, 94.6785, 82.9752



19.2454, 20.8577, 22.3453



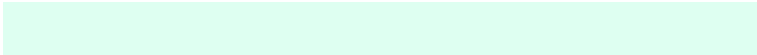
0.0000, 0.0000, 0.0000



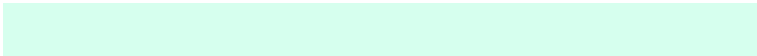
20.3446, 21.4041, 23.3091

Same Dimension

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



81.7623, 93.4009, 96.9394



78.9374, 92.0012, 94.2496



83.2370, 92.8743, 108.1472



18.2100, 20.3435, 21.4090



21.5064, 38.4991, 21.0836



2.1487, 3.7704, 2.3407

Inverse Universe

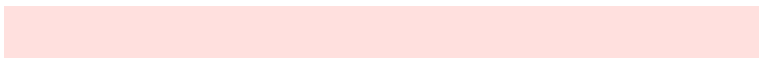
The Inverse Universe completely reimagines the original color for something new.



82.5021, 79.5597, 90.3652



79.8329, 75.2527, 86.2955



81.1350, 79.9539, 80.2650



18.3291, 18.1150, 20.3503



23.0389, 11.7048, 8.8552



2.2965, 1.1610, 1.1426

Previews

White Background



This preview shows how the XYZ color 81.7614, 93.4005, 96.9379 looks on a white background.

Color Contrast Check

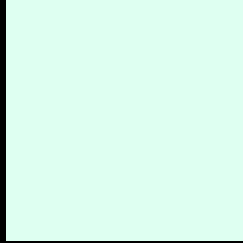
Large Text (above 18pt) WCAG AA × Fail

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 81.7614, 93.4005, 96.9379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

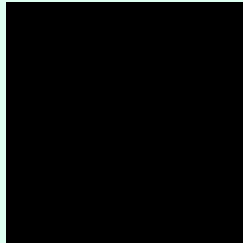
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

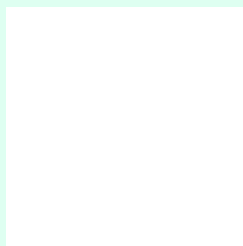
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7614, 93.4005, 96.9379

Background



This preview shows how black text looks on a background with the XYZ color 81.7614, 93.4005, 96.9379.



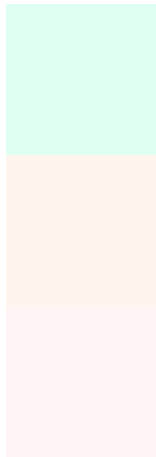
This preview shows how white text looks on a background with the XYZ color 81.7614, 93.4005,

96.9379.

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

81.7614, 93.4005, 96.9379

Protanopia

88.9691, 93.0385, 92.6259

Deuteranopia

90.5270, 93.2186, 100.4105

Tritanopia

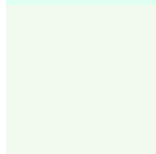
87.8930, 93.0556, 107.9368

Trichromacy



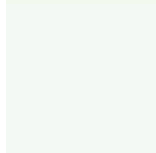
Original Color

81.7614, 93.4005, 96.9379



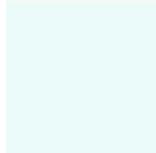
Protanomaly

85.9262, 92.8017, 94.2726



Deuteranomaly

87.1670, 93.3377, 99.0097



Tritanomaly

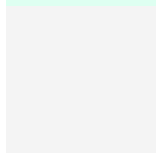
85.6842, 93.3889, 103.9523

Monochromacy



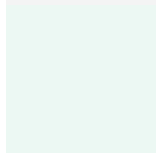
Original Color

81.7614, 93.4005, 96.9379



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.3371, 91.4387, 97.9984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7614, 93.4005, 96.9379 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(222, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(222, 255, 241)  
}
```

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(222, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 81.7614, 93.4005, 96.9379 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(222, 255, 241) }
```


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

```
.border{ border-color:rgb(222, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(222, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7614, 93.4005, 96.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 255, 241) }
```

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

```
.background{ background-color: rgb(222,  
255, 241) }
```

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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