

Converting Colors

XYZ(81.5739, 93.3255, 95.9486)

Have a look what the booklet for
XYZ(81.5739, 93.3255, 95.9486)
contains.

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Color

**XYZ(81.6124, 93.3409,
96.1532)**

Conversions

Conversions Part 1

Format	Color
Hex	DEFFF0
RGB	222, 255, 240
RGB Percent	87%, 100%, 94%
CMY	0.1294, 0.0000, 0.0588
CMYK	0.13, 0.00, 0.06, 0.00
HSL	153°, 100%, 94%
HSV	153°, 13%, 100%
XYZ	81.6124, 93.3409, 96.1532
YIQ	243.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

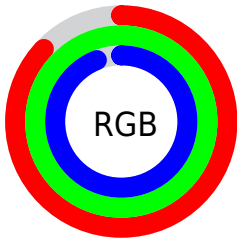
Format	Color
R_{YB}	222, 243, 255
Decimal	14614512
CIE _{Lab}	97.37, -13.41, 3.58
CIE _{LCh}	97, 13.879, 165.062
Yxy	93.3409, 0.3010, 0.3443
Android (android.graphics.Color)	4292804592 (0xFFDEFFF0)
YUV	243.4230, -1.6875, -18.7880
Hunter-Lab	96.6131, -18.2878, 8.6214

Details

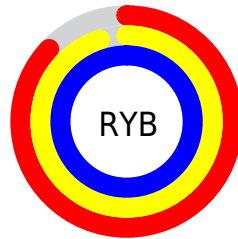
The XYZ color **81.6124, 93.3409, 96.1532** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.6479, 79.6180, 91.1327**, and the grayscale version is **85.5494, 90.0047, 98.0151**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7822, 52.0643, 53.0366** is the 20% darker color. If you saturate the color by 10%, you get **72.7166, 88.9475, 87.0348**, and if you desaturate by 10%, it is **91.8011, 98.3880, 105.9092**.

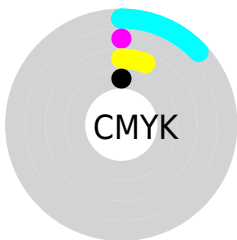
Distribution



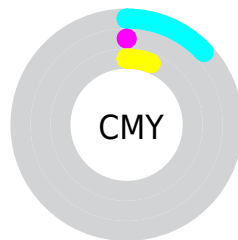
- Red (87%)
- Green (100%)
- Blue (94%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.6124, 93.3409, 96.1532 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 81.6124, 93.3409, 96.1532 by changing the saturation by 10% instead.

81.6124, 93.3409,
96.1532

81.6124, 93.3409,
96.1532

489.0044,
538.8398, 568.9286

61.3591, 70.7549,
72.4930

134.5690,
151.9705, 157.8661

44.7687, 52.1422,
53.0722

168.0030,
188.7829, 196.7558

31.4758, 37.1184,
37.4723

206.5613,
231.1061, 241.5592

21.1150, 25.2992,
25.2747

250.6092,
279.3247, 292.6947

13.3210, 16.3001,
16.0610

300.5121,
333.8229, 350.5808

7.7285, 9.7368,
9.4125

356.6354,

3.9721, 5.2248,

394.9853, 415.6361

4.9107

419.3444,
463.1961, 488.2792

■ 1.6863, 2.3797,
2.1372

■ 0.4477, 0.8154,
0.6378

■ 81.6124, 93.3409,
96.1532

■ 81.6124, 93.3409,
96.1532

■ 72.7166, 88.9475,
87.0348

■ 91.8011, 98.3880,
105.9092

■ 65.0562, 85.1786,
78.5362

95.0500, 100.0000,
108.9000

■ 58.5731, 82.0044,
70.6454

■ 53.2033, 79.3921,
63.3479

■ 48.8765, 77.3058,
56.6290

■ 45.5137, 75.7050,
50.4728

■ 43.0242, 74.5432,
44.8626

■ 41.2980, 73.7640,
39.7804

■ 40.4274, 73.3869,
36.4980

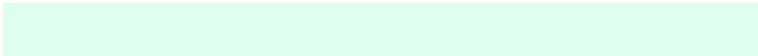
Harmonies

Analogous

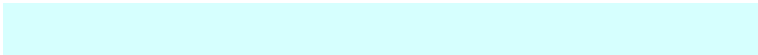
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.4735, 93.3409, 87.0945



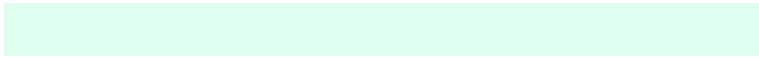
81.6124, 93.3409, 96.1532



81.6164, 93.3409, 107.3628

Triad

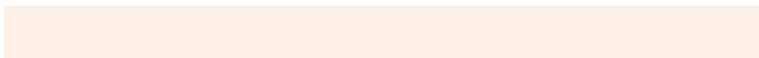
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.6124, 93.3409, 96.1532



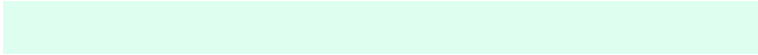
90.6967, 93.3409, 124.0044



94.1651, 93.3409, 87.0647

Complementary

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



81.6124, 93.3409, 96.1532



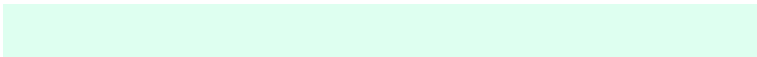
82.6479, 79.6180, 91.1327

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.



96.2195, 93.3409, 96.1096



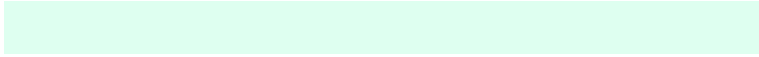
81.6124, 93.3409, 96.1532



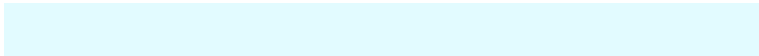
94.1771, 93.3409, 117.7041

Square

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



81.6124, 93.3409, 96.1532



86.7833, 93.3409, 124.0182



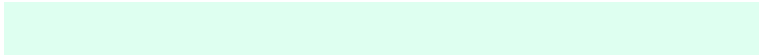
96.2239, 93.3409, 107.3158



90.6806, 93.3409, 82.1167

Rectangle

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



81.6124, 93.3409, 96.1532



82.6729, 93.3409, 114.5834



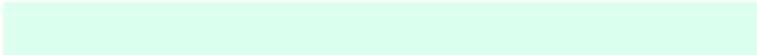
96.2239, 93.3409, 107.3158



95.0503, 93.3409, 89.6959

Sweetspot

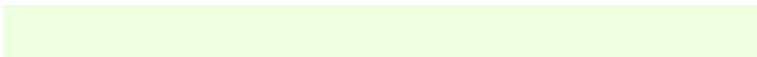
The Sweet Spot groups the original color and five complimentary colors.



81.6132, 93.3413, 96.1547



90.6589, 97.8215, 104.8452



84.0042, 94.8677, 82.9924



19.2331, 20.8527, 22.2804



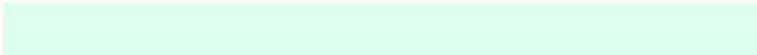
0.0000, 0.0000, 0.0000



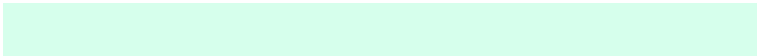
20.3446, 21.4041, 23.3091

Same Dimension

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



81.6132, 93.3413, 96.1547



78.7566, 91.9289, 93.2976



83.5849, 93.5701, 108.2632



18.1861, 20.3340, 21.2830



21.2005, 38.3768, 19.4731



2.1194, 3.7587, 2.1864

Inverse Universe

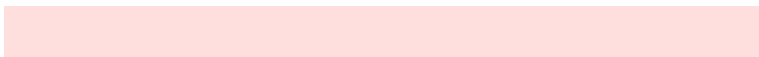
The Inverse Universe completely reimagines the original color for something new.



82.6479, 79.6180, 91.1327



80.0087, 75.3230, 87.2213



80.8400, 79.3638, 80.1666



18.3527, 18.1244, 20.4743



23.2661, 11.7957, 10.0516



2.3196, 1.1702, 1.2644

Previews

White Background



This preview shows how the XYZ color 81.6124, 93.3409, 96.1532 looks on a white background.

Color Contrast Check

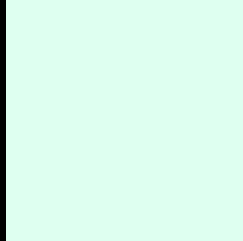
Large Text (above 18pt) WCAG AA × Fail

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 81.6124, 93.3409, 96.1532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

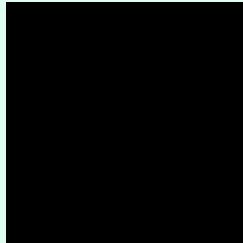
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

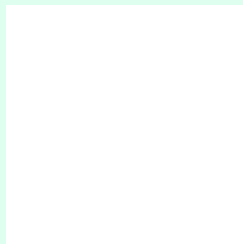
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.6124, 93.3409, 96.1532

Background



This preview shows how black text looks on a background with the XYZ color 81.6124, 93.3409, 96.1532.



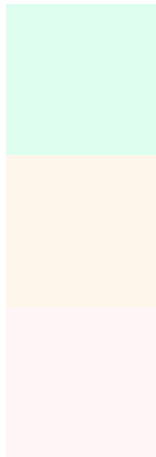
This preview shows how white text looks on a background with the XYZ color 81.6124, 93.3409,

96.1532.

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

81.6124, 93.3409, 96.1532

Protanopia

88.8242, 92.9805, 91.8628

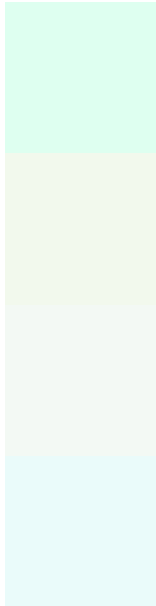
Deuteranopia

90.5270, 93.2186, 100.4105

Tritanopia

87.8930, 93.0556, 107.9368

Trichromacy



Original Color

81.6124, 93.3409, 96.1532

Protanomaly

85.7797, 92.7430, 93.5009

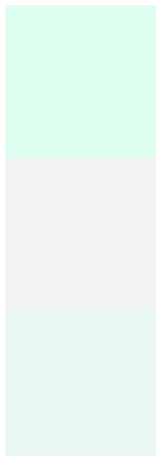
Deuteranomaly

87.1670, 93.3377, 99.0097

Tritanomaly

85.6842, 93.3889, 103.9523

Monochromacy



Original Color

81.6124, 93.3409, 96.1532

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

83.5487, 90.5945, 97.0874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6124, 93.3409, 96.1532 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(222, 255, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 81.6124, 93.3409, 96.1532 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, 240) }
```


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

```
.border{ border-color:rgb(222, 255, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(222, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6124, 93.3409, 96.1532 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, 240) }
```

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

```
.background{ background-color: rgb(222,  
255, 240) }
```

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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