

Converting Colors

XYZ(81.2323, 93.1534, 95.7522)

Have a look what the booklet for
XYZ(81.2323, 93.1534, 95.7522)
contains.

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Color

**XYZ(81.3070, 93.1834,
96.1389)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFFF0
RGB	221, 255, 240
RGB Percent	87%, 100%, 94%
CMY	0.1333, 0.0000, 0.0588
CMYK	0.13, 0.00, 0.06, 0.00
HSL	154°, 100%, 93%
HSV	154°, 13%, 100%
XYZ	81.3070, 93.1834, 96.1389
YIQ	243.1240, -15.4490, -11.8730

Conversions

Conversions Part 2

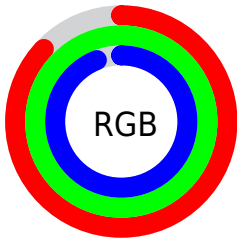
Format	Color
R _Y B	221, 243, 255
Decimal	14548976
CIE Lab	97.30, -13.73, 3.48
CIE LCh	97, 14.162, 165.787
Yxy	93.1834, 0.3004, 0.3443
Android (android.graphics.Color)	4292739056 (0xFFDDFFF0)
YUV	243.1240, -1.5401, -19.4027
Hunter-Lab	96.5315, -18.5825, 8.5233

Details

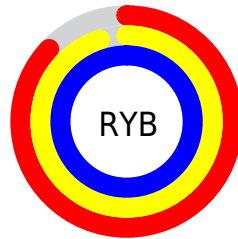
The XYZ color **81.3070, 93.1834, 96.1389** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.2374, 79.0302, 90.2771**, and the grayscale version is **85.3104, 89.7532, 97.7413**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5717, 51.9558, 53.0267** is the 20% darker color. If you saturate the color by 10%, you get **72.5040, 88.8324, 87.2727**, and if you desaturate by 10%, it is **91.3946, 98.1846, 105.6090**.

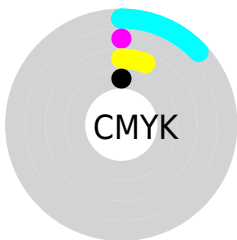
Distribution



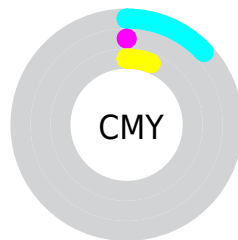
- Red (87%)
- Green (100%)
- Blue (94%)



- 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 81.3070, 93.1834, 96.1389 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 81.3070, 93.1834, 96.1389 by changing the saturation by 10% instead.

 81.3070, 93.1834,
96.1389

 81.3070, 93.1834,
96.1389


487.9964,
538.3328, 568.8819

 61.1066, 70.6239,
72.4811


134.1427,
151.7525, 157.8462

 44.5641, 52.0354,
53.0626


167.5086,
188.5309, 196.7328

 31.3140, 37.0333,
37.4646


205.9939,
230.8178, 241.5328

 20.9911, 25.2332,
25.2689

249.9638,
278.9976, 292.6646

 13.2299, 16.2509,
16.0566

299.7836,
333.4545, 350.5469

 7.6651, 9.7019,
9.4094

355.8187,

 3.9314, 5.2017,

394.5731, 415.5982

4.9088

418.4345,
462.7378, 488.2370

■ 1.6634, 2.3661,
2.1360

■ 0.4332, 0.8084,
0.6371

■ 81.3070, 93.1834,
96.1389

■ 81.3070, 93.1834,
96.1389

■ 72.5040, 88.8324,
87.2727

■ 91.3946, 98.1846,
105.6090

■ 64.9280, 85.1023,
78.9936

95.0500, 100.0000,
108.9000

■ 58.5209, 81.9632,
71.2904

■ 53.2189, 79.3824,
64.1498

■ 48.9513, 77.3239,
57.5579

■ 45.6391, 75.7470,
51.5001

■ 43.1912, 74.6052,
45.9607

■ 41.4968, 73.8414,
40.9229

■ 40.6806, 73.4882,
37.8316

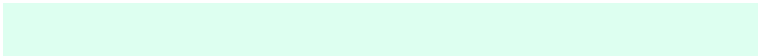
Harmonies

Analogous

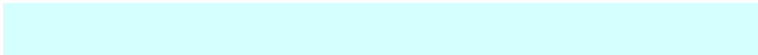
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1595, 93.1834, 86.8383



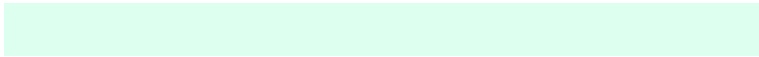
81.3070, 93.1834, 96.1389



81.3588, 93.1834, 107.5834

Triad

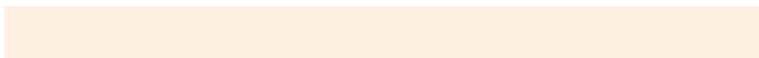
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3070, 93.1834, 96.1389



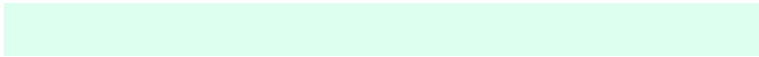
90.6808, 93.1834, 124.2104



94.0502, 93.1834, 86.4525

Complementary

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



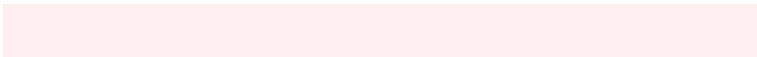
81.3070, 93.1834, 96.1389



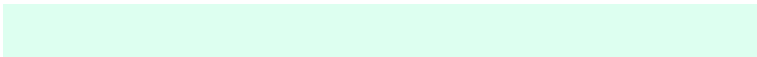
82.2374, 79.0302, 90.2771

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.



96.1911, 93.1834, 95.5751



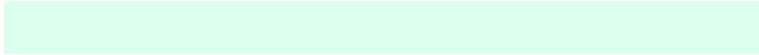
81.3070, 93.1834, 96.1389



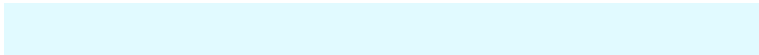
94.2061, 93.1834, 117.6392

Square

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



81.3070, 93.1834, 96.1389



86.6897, 93.1834, 124.3900



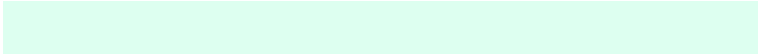
96.2490, 93.1834, 106.9757



90.4733, 93.1834, 81.5382

Rectangle

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



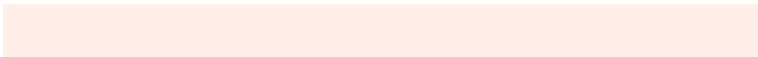
81.3070, 93.1834, 96.1389



82.4637, 93.1834, 114.9193



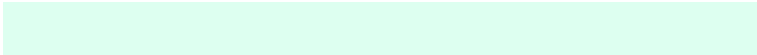
96.2490, 93.1834, 106.9757



94.9664, 93.1834, 89.0965

Sweetspot

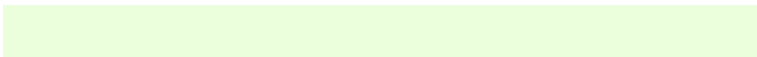
The Sweet Spot groups the original color and five complimentary colors.



81.3079, 93.1839, 96.1404



90.6803, 97.8301, 104.9580



83.5036, 94.6250, 82.2715



19.2385, 20.8549, 22.3090



0.0000, 0.0000, 0.0000



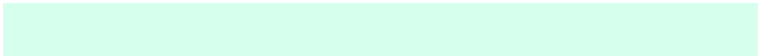
20.3446, 21.4041, 23.3091

Same Dimension

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



81.3079, 93.1839, 96.1404



78.8362, 91.9607, 93.7167



83.0895, 93.0327, 108.1856



18.1966, 20.3382, 21.3385



21.3329, 38.4298, 20.1701



2.1321, 3.7638, 2.2534

Inverse Universe

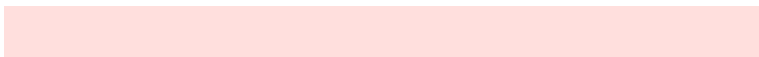
The Inverse Universe completely reimagines the original color for something new.



82.2374, 79.0302, 90.2771



79.9310, 75.2919, 86.8122



80.5996, 79.0968, 79.4273



18.3423, 18.1202, 20.4196



23.1636, 11.7547, 9.5117



2.3092, 1.1661, 1.2097

Previews

White Background



This preview shows how the XYZ color 81.3070, 93.1834, 96.1389 looks on a white background.

Color Contrast Check

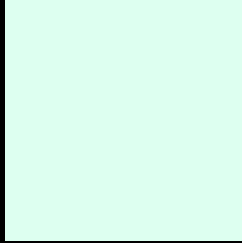
Large Text (above 18pt) WCAG AA × Fail

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 81.3070, 93.1834, 96.1389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

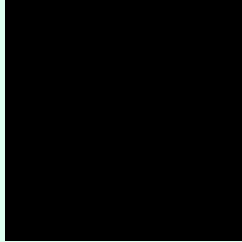
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

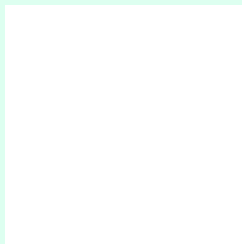
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3070, 93.1834, 96.1389

Background



This preview shows how black text looks on a background with the XYZ color 81.3070, 93.1834, 96.1389.



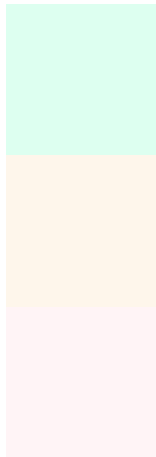
This preview shows how white text looks on a background with the XYZ color 81.3070, 93.1834,

96.1389.

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

81.3070, 93.1834, 96.1389

Protanopia

88.8242, 92.9805, 91.8628

Deuteranopia

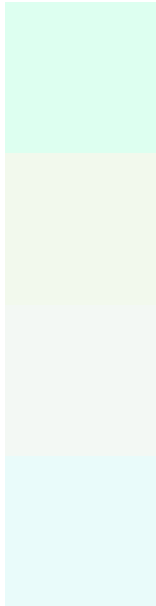
90.2252, 92.6152, 100.3099



Tritanopia

87.5526, 92.8801, 107.9209

Trichromacy



Original Color

81.3070, 93.1834, 96.1389

Protanomaly

85.7797, 92.7430, 93.5009

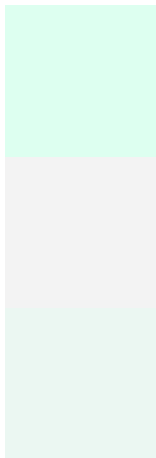
Deuteranomaly

86.8587, 92.7211, 98.9070

Tritanomaly

85.3568, 93.2201, 103.9370

Monochromacy



Original Color

81.3070, 93.1834, 96.1389

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 81.3070, 93.1834, 96.1389 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(221, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 81.3070, 93.1834, 96.1389 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(221, 255, 240) }
```


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

```
.border{ border-color:rgb(221, 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(221, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3070, 93.1834, 96.1389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 240) }
```

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

```
.background{ background-color: rgb(221,  
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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