

Converting Colors

XYZ(83.9669, 94.3680,
104.6961)

Have a look what the booklet for
XYZ(83.9669, 94.3680, 104.6961)
contains.

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Color

**XYZ(83.9131, 94.3323,
105.0521)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FFFB
RGB	224, 255, 251
RGB Percent	88%, 100%, 98%
CMY	0.1216, 0.0000, 0.0157
CMYK	0.12, 0.00, 0.02, 0.00
HSL	172°, 100%, 94%
HSV	172°, 12%, 100%
XYZ	83.9131, 94.3323, 105.0521
YIQ	245.2750, -17.1920, -7.8160

Conversions

Conversions Part 2

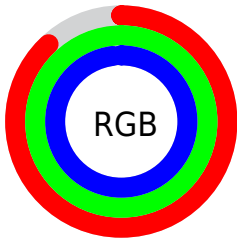
Format	Color
R _Y B	224, 241, 255
Decimal	14745595
CIE _{Lab}	97.77, -10.71, -1.48
CIE _{LCh}	98, 10.811, 187.861
Yxy	94.3323, 0.2962, 0.3330
Android (android.graphics.Color)	4292935675 (0xFFE0FFFB)
YUV	245.2750, 2.8224, -18.6582
Hunter-Lab	97.1248, -15.7495, 3.8581

Details

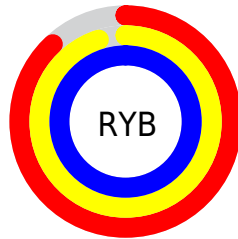
The XYZ color **83.9131, 94.3323, 105.0521** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.9000, 80.1740, 84.5577**, and the grayscale version is **87.0000, 91.5308, 99.6770**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4066, 52.7633, 59.3682** is the 20% darker color. If you saturate the color by 10%, you get **76.0801, 90.3536, 102.0036**, and if you desaturate by 10%, it is **92.9423, 98.9266, 108.2065**.

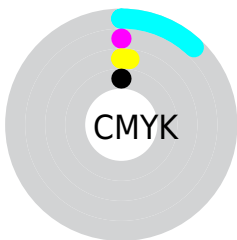
Distribution



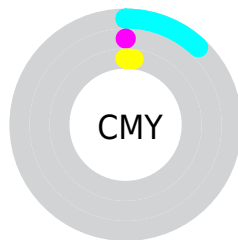
- Red (88%)
- Green (100%)
- Blue (98%)



- Red (88%)
- Yellow (95%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.9131, 94.3323, 105.0521 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 83.9131, 94.3323, 105.0521 by changing the saturation by 10% instead.


 83.9131, 94.3323,
105.0521

 83.9131, 94.3323,
105.0521


496.5626,
542.0252, 597.6560

 63.2632, 71.5794,
79.8861


137.7755,
153.3418, 170.1950

 46.3136, 52.8151,
59.0990


171.7187,
190.3672, 211.0089

 32.6990, 37.6552,
42.2723


210.8236,
232.9189, 257.8760

 22.0541, 25.7152,
28.9874

255.4557,
281.3812, 311.2146

 14.0135, 16.6107,
18.8258

305.9803,
336.1386, 371.4434

 8.2118, 9.9573,
11.3689

362.7628,

 4.2837, 5.3707,

397.5755, 438.9809

6.1983

426.1684,
466.0762, 514.2456

■ 1.8639, 2.4663,
2.8953

■ 0.5557, 0.8597,
1.0414

■ 83.9131, 94.3323,
105.0521

■ 83.9131, 94.3323,
105.0521

■ 76.0801, 90.3536,
102.0036

■ 92.9423, 98.9266,
108.2065

■ 69.3877, 86.9619,
99.0539

95.0500, 100.0000,
108.9000

■ 63.7802, 84.1285,
96.2015

■ 59.1963, 81.8217,
93.4433

■ 55.5683, 80.0067,
90.7759

■ 52.8203, 78.6443,
88.1955

■ 50.8650, 77.6896,
85.6979

■ 49.5968, 77.0881,
83.2777

■ 48.9595, 76.7998,
81.4276

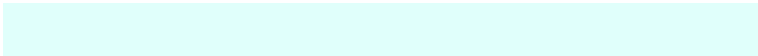
Harmonies

Analogous

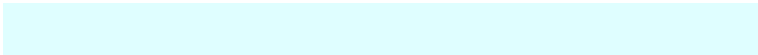
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2786, 94.3323, 96.4436



83.9131, 94.3323, 105.0521



85.0593, 94.3323, 113.4917

Triad

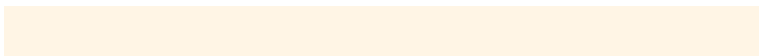
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9131, 94.3323, 105.0521



93.3490, 94.3323, 116.7120



91.9134, 94.3323, 87.7703

Complementary

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



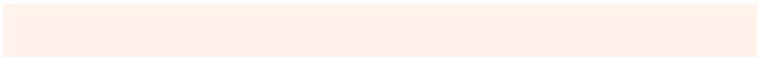
83.9131, 94.3323, 105.0521



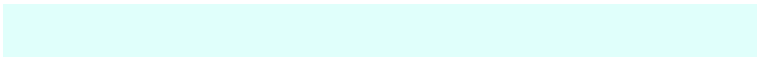
81.9000, 80.1740, 84.5577

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.



94.4237, 94.3323, 92.6372



83.9131, 94.3323, 105.0521



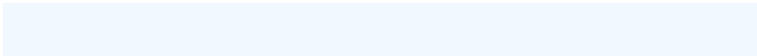
95.2657, 94.3323, 109.2459

Square

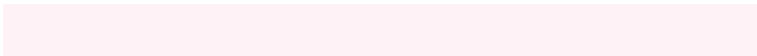
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.9131, 94.3323, 105.0521



90.4735, 94.3323, 120.4706



95.6635, 94.3323, 100.4066



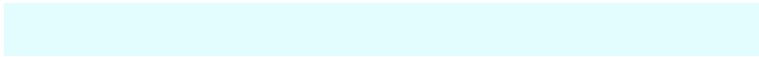
88.8514, 94.3323, 86.7902

Rectangle

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



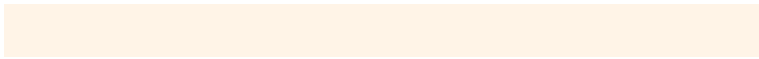
83.9131, 94.3323, 105.0521



86.5422, 94.3323, 117.7740



95.6635, 94.3323, 100.4066



92.8518, 94.3323, 88.9920

Sweetspot

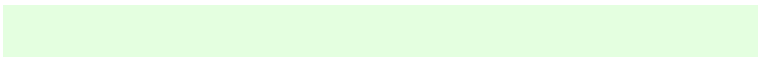
The Sweet Spot groups the original color and five complimentary colors.



83.9141, 94.3328, 105.0536



91.1853, 98.0321, 107.6173



81.2527, 93.4181, 84.2717



19.3666, 20.9061, 22.9833



0.0000, 0.0000, 0.0000



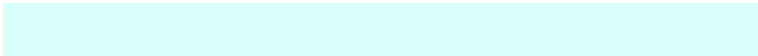
20.3446, 21.4041, 23.3091

Same Dimension

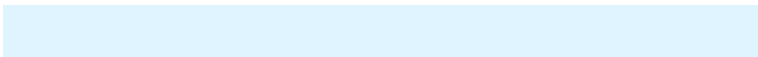
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9141, 94.3328, 105.0536



81.5667, 93.1397, 104.1758



81.0319, 87.5491, 107.2356



18.4481, 20.4388, 22.6626



25.6218, 40.1453, 42.7554



2.5216, 3.9196, 4.3047

Inverse Universe

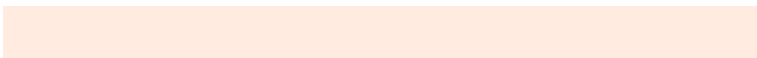
The Inverse Universe completely reimagines the original color for something new.



81.9000, 80.1740, 84.5577



79.1309, 76.0139, 79.3866



84.5087, 86.2697, 82.7203



18.1047, 18.0252, 19.1686



21.7207, 11.1776, 1.9137



2.1432, 1.0996, 0.3354

Previews

White Background



This preview shows how the XYZ color 83.9131, 94.3323, 105.0521 looks on a white background.

Color Contrast Check

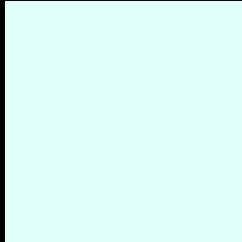
Large Text (above 18pt) WCAG AA × Fail

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 83.9131, 94.3323, 105.0521 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

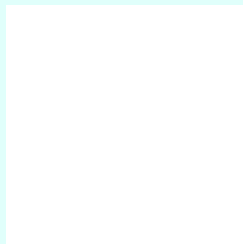
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.9131, 94.3323, 105.0521

Background



This preview shows how black text looks on a background with the XYZ color 83.9131, 94.3323, 105.0521.



This preview shows how white text looks on a background with the XYZ color 83.9131, 94.3323,

Color Blindness Simulation

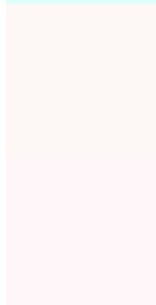
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83.9131, 94.3323, 105.0521



Protanopia

90.4033, 94.0580, 100.5790

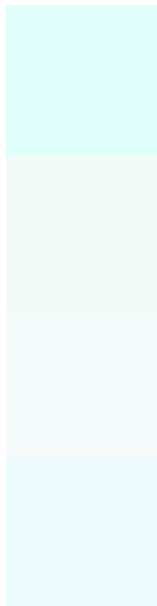
Deuteranopia

91.4511, 94.0737, 103.7805

Tritanopia

88.8878, 94.0260, 108.0717

Trichromacy



Original Color

83.9131, 94.3323, 105.0521

Protanomaly

87.7468, 94.0258, 102.3310

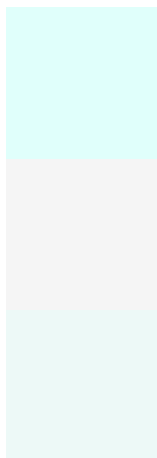
Deuteranomaly

88.4392, 93.8866, 103.9032

Tritanomaly

86.9786, 93.9830, 107.3222

Monochromacy



Original Color

83.9131, 94.3323, 105.0521

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.5892, 92.4713, 101.3334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9131, 94.3323, 105.0521 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(224, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 251)  
}
```

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(224, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 83.9131, 94.3323, 105.0521 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(224, 255, 251) }
```


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

```
.border{ border-color:rgb(224, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 83.9131, 94.3323, 105.0521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 251) }
```

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

```
.background{ background-color: rgb(224,  
255, 251) }
```

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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