

Converting Colors

XYZ(85.0498, 94.9163,
107.4967)

Have a look what the booklet for
XYZ(85.0498, 94.9163, 107.4967)
contains.

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Color

**XYZ(85.0134, 94.8445,
107.5921)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FFFE
RGB	226, 255, 254
RGB Percent	89%, 100%, 100%
CMY	0.1137, 0.0000, 0.0039
CMYK	0.11, 0.00, 0.00, 0.00
HSL	178°, 100%, 94%
HSV	178°, 11%, 100%
XYZ	85.0134, 94.8445, 107.5921
YIQ	246.2150, -16.9630, -6.4590

Conversions

Conversions Part 2

Format	Color
R _{YB}	226, 241, 255
Decimal	14876670
CIE _{Lab}	97.97, -9.51, -2.70
CIE _{LCh}	98, 9.885, 195.877
Yxy	94.8445, 0.2958, 0.3300
Android (android.graphics.Color)	4293066750 (0xFFE2FFFE)
YUV	246.2150, 3.8380, -17.7286
Hunter-Lab	97.3881, -14.6106, 2.6695

Details

The XYZ color **85.0134, 94.8445, 107.5921** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.3021, 81.1999, 84.0086**, and the grayscale version is **87.7507, 92.3206, 100.5371**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8497, 52.9654, 60.5774** is the 20% darker color. If you saturate the color by 10%, you get **77.4631, 90.9684, 106.5080**, and if you desaturate by 10%, it is **93.7554, 99.3349, 108.7383**.

Distribution



- Red (89%)
- Green (100%)
- Blue (100%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.0134, 94.8445, 107.5921 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 85.0134, 94.8445, 107.5921 by changing the saturation by 10% instead.


 85.0134, 94.8445,
107.5921

 85.0134, 94.8445,
107.5921


500.1554,
543.6670, 605.7223

 64.1750, 72.0056,
82.0039

139.3058,
154.0498, 173.6945

 47.0546, 53.1632,
60.8329


173.4906,
191.1849, 215.0458

 33.2870, 37.9331,
43.6606


212.8548,
233.8541, 262.4885

 22.5067, 25.9308,
30.0686

257.7638,
282.4420, 316.4412

 14.3483, 16.7718,
19.6381

308.5830,
337.3328, 377.3224

 8.4467, 10.0720,
11.9508

365.6778,

 4.4363, 5.4467,

398.9110, 445.5506

6.5881

429.4135,
467.5610, 521.5444

■ 1.9518, 2.5117,
3.1313

■ 0.6067, 0.8825,
1.1621

■ 85.0134, 94.8445,
107.5921

■ 85.0134, 94.8445,
107.5921

■ 77.4631, 90.9684,
106.5080

■ 93.7554, 99.3349,
108.7383

■ 71.0494, 87.6781,
105.4791

■ 95.0500, 100.0000,
108.9000

■ 65.7170, 84.9452,
104.5040

■ 61.4049, 82.7382,
103.5801

■ 58.0460, 81.0226,
102.7041

■ 55.5654, 79.7596,
101.8726

■ 53.8767, 78.9048,
101.0815

■ 52.8763, 78.4047,
100.3259

■ 52.4287, 78.1875,
99.6961

Harmonies

Analogous

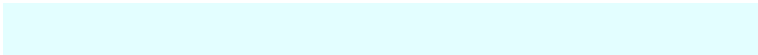
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9719, 94.8445, 99.5134



85.0134, 94.8445, 107.5921



86.4112, 94.8445, 114.8658

Triad

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



85.0134, 94.8445, 107.5921



94.1099, 94.8445, 114.5039



91.4812, 94.8445, 88.8813

Complementary

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



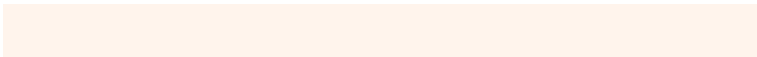
85.0134, 94.8445, 107.5921



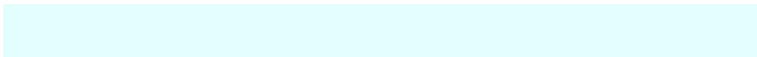
82.3021, 81.1999, 84.0086

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.



93.9887, 94.8445, 92.4812



85.0134, 94.8445, 107.5921



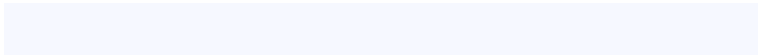
95.5277, 94.8445, 107.1190

Square

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



85.0134, 94.8445, 107.5921



91.6438, 94.8445, 118.9966



95.4829, 94.8445, 99.0643



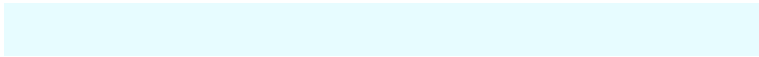
88.6663, 94.8445, 88.9931

Rectangle

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



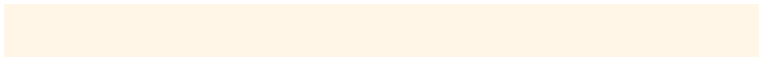
85.0134, 94.8445, 107.5921



87.9411, 94.8445, 118.1562



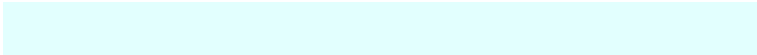
95.4829, 94.8445, 99.0643



92.3892, 94.8445, 89.6889

Sweetspot

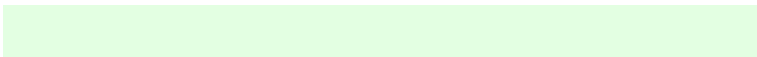
The Sweet Spot groups the original color and five complimentary colors.



85.0144, 94.8450, 107.5936



92.2490, 98.5609, 108.5478



81.3091, 93.4156, 85.6986



19.5889, 21.0158, 23.2137



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

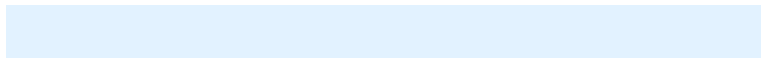
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0144, 94.8450, 107.5936



82.9165, 93.7677, 107.3027



81.1522, 86.8641, 107.0970



18.5263, 20.4700, 23.0742



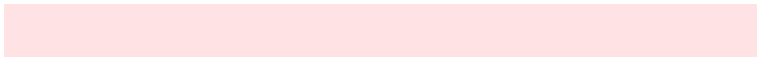
27.4072, 40.8595, 52.1568



2.6767, 3.9816, 5.1212

Inverse Universe

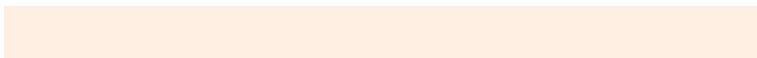
The Inverse Universe completely reimagines the original color for something new.



82.3021, 81.1999, 84.0086



79.6383, 77.2751, 78.7962



85.8492, 88.5141, 84.5132



18.0347, 17.9972, 18.8000



21.5849, 11.1232, 1.1984



2.1102, 1.0864, 0.1615

Previews

White Background



This preview shows how the XYZ color 85.0134, 94.8445, 107.5921 looks on a white background.

Color Contrast Check

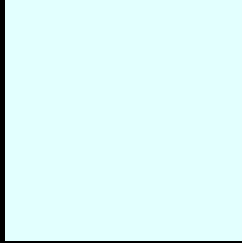
Large Text (above 18pt) WCAG AA × Fail

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 85.0134, 94.8445, 107.5921 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

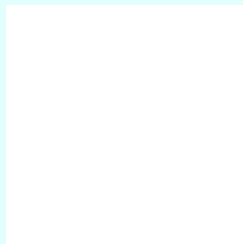
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.0134, 94.8445, 107.5921

Background



This preview shows how black text looks on a background with the XYZ color 85.0134, 94.8445, 107.5921.



This preview shows how white text looks on a background with the XYZ color 85.0134, 94.8445,

107.5921.

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

85.0134, 94.8445, 107.5921

Protanopia

91.3307, 94.9196, 103.9501

Deuteranopia

91.9134, 94.7466, 104.7103

Tritanopia

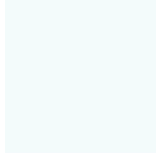
89.5438, 94.8243, 108.1912

Trichromacy



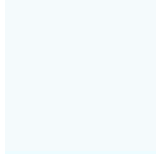
Original Color

85.0134, 94.8445, 107.5921



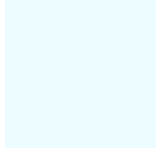
Protanomaly

88.8719, 95.0141, 104.9223



Deuteranomaly

89.0645, 94.6326, 105.6672



Tritanomaly

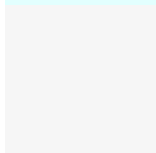
87.7855, 94.8453, 108.2879

Monochromacy



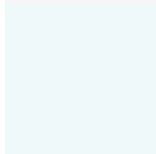
Original Color

85.0134, 94.8445, 107.5921



Achromatopsia

87.5964, 92.1582, 100.3603



Achromatomaly

86.5712, 92.9416, 102.9993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0134, 94.8445, 107.5921 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(226, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 254)  
}
```

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(226, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 254) }
```

Border

The CSS property to change the border of an element to XYZ 85.0134, 94.8445, 107.5921 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(226, 255, 254) }
```


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

```
.border{ border-color:rgb(226, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0134, 94.8445, 107.5921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 254) }
```

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

```
.background{ background-color: rgb(226,  
255, 254) }
```

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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