

Converting Colors

XYZ(84.8079, 94.7968,
104.9508)

Have a look what the booklet for
XYZ(84.8079, 94.7968, 104.9508)
contains.

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Color

**XYZ(84.8511, 94.8159,
105.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	E3FFFB
RGB	227, 255, 251
RGB Percent	89%, 100%, 98%
CMY	0.1098, 0.0000, 0.0157
CMYK	0.11, 0.00, 0.02, 0.00
HSL	171°, 100%, 95%
HSV	171°, 11%, 100%
XYZ	84.8511, 94.8159, 105.0960
YIQ	246.1720, -15.4040, -7.1800

Conversions

Conversions Part 2

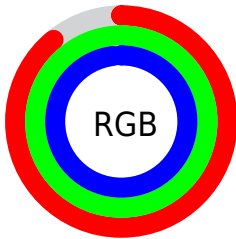
Format	Color
R_{YB}	227, 242, 255
Decimal	14942203
CIE _{Lab}	97.96, -9.77, -1.17
CIE _{LCh}	98, 9.835, 186.841
Yxy	94.8159, 0.2980, 0.3330
Android (android.graphics.Color)	4293132283 (0xFFE3FFFB)
YUV	246.1720, 2.3802, -16.8138
Hunter-Lab	97.3735, -14.8589, 4.1692

Details

The XYZ color **84.8511, 94.8159, 105.0960** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.1334, 81.9688, 87.0413**, and the grayscale version is **87.7264, 92.2950, 100.5093**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8390, 52.9862, 59.3884** is the 20% darker color. If you saturate the color by 10%, you get **76.8268, 90.7449, 101.7539**, and if you desaturate by 10%, it is **94.0795, 99.5063, 108.5551**.

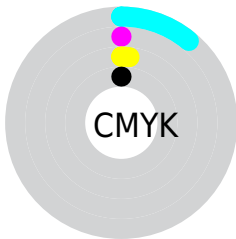
Distribution



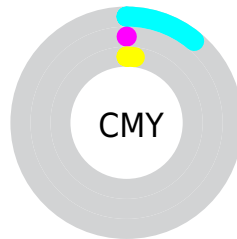
- Red (89%)
- Green (100%)
- Blue (98%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.8511, 94.8159, 105.0960 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 84.8511, 94.8159, 105.0960 by changing the saturation by 10% instead.


 84.8511, 94.8159,
105.0960

 84.8511, 94.8159,
105.0960


499.6263,
543.5754, 597.7959

 64.0404, 71.9818,
79.9227


139.0802,
154.0102, 170.2555

 46.9452, 53.1438,
59.1289


173.2294,
191.1392, 211.0788

 33.2001, 37.9176,
42.2962


212.5554,
233.8019, 257.9558

 22.4398, 25.9187,
29.0060

257.4237,
282.3828, 311.3051

 14.2988, 16.7628,
18.8398

308.1996,
337.2662, 371.5453

 8.4119, 10.0655,
11.3789

365.2484,

 4.4136, 5.4424,

398.8365, 439.0947

6.2049

428.9356,
467.4781, 514.3721

■ 1.9387, 2.5091,
2.8993

■ 0.5992, 0.8812,
1.0434

■ 84.8511, 94.8159,
105.0960

■ 84.8511, 94.8159,
105.0960

■ 76.8268, 90.7449,
101.7539

94.0795, 99.5063,
108.5551

■ 69.9514, 87.2649,
98.5214

95.0500, 100.0000,
108.9000

■ 64.1700, 84.3476,
95.3971

■ 59.4215, 81.9616,
92.3778

■ 55.6393, 80.0725,
89.4601

■ 52.7485, 78.6416,
86.6402

■ 50.6633, 77.6249,
83.9137

■ 49.2808, 76.9692,
81.2754

■ 48.4917, 76.6127,
78.9642

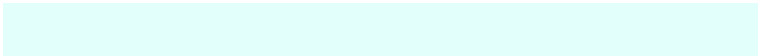
Harmonies

Analogous

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



85.2337, 94.8159, 97.2604



84.8511, 94.8159, 105.0960



85.8565, 94.8159, 112.8157

Triad

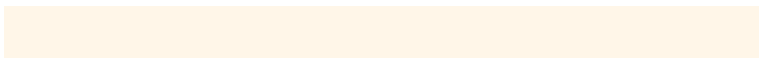
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8511, 94.8159, 105.0960



93.4045, 94.8159, 116.1493



92.2654, 94.8159, 89.6305

Complementary

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



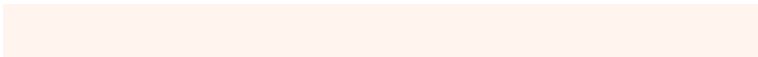
84.8511, 94.8159, 105.0960



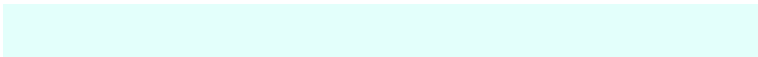
83.1334, 81.9688, 87.0413

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.



94.5217, 94.8159, 94.2190



84.8511, 94.8159, 105.0960



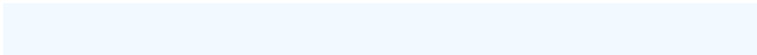
95.1889, 94.8159, 109.4564

Square

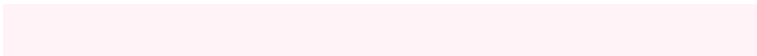
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.8511, 94.8159, 105.0960



90.7660, 94.8159, 119.4089



95.6019, 94.8159, 101.4028



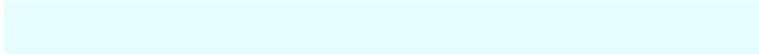
89.4764, 94.8159, 88.5980

Rectangle

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



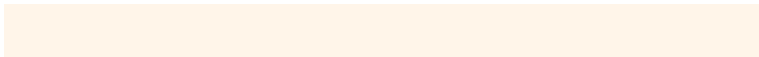
84.8511, 94.8159, 105.0960



87.1911, 94.8159, 116.7683



95.6019, 94.8159, 101.4028



93.1131, 94.8159, 90.7962

Sweetspot

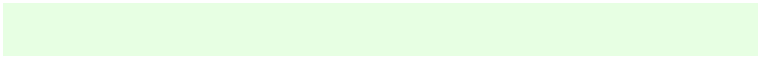
The Sweet Spot groups the original color and five complimentary colors.



84.8520, 94.8164, 105.0975



92.1159, 98.5077, 107.8472



82.6455, 94.0887, 86.4795



19.5528, 21.0014, 23.0239



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

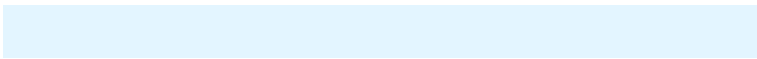
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8520, 94.8164, 105.0975



83.1354, 93.9448, 104.4129



82.4423, 88.9775, 107.4369



18.4367, 20.4342, 22.6028



25.3807, 40.0489, 41.4857



2.5005, 3.9111, 4.1933

Inverse Universe

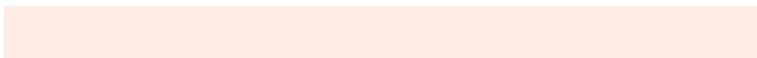
The Inverse Universe completely reimagines the original color for something new.



83.1334, 81.9688, 87.0413



81.1292, 78.9460, 83.3344



85.3321, 87.2595, 85.0197



18.1150, 18.0293, 19.2228



21.7502, 11.1894, 2.0693



2.1480, 1.1016, 0.3608

Previews

White Background



This preview shows how the XYZ color 84.8511, 94.8159, 105.0960 looks on a white background.

Color Contrast Check

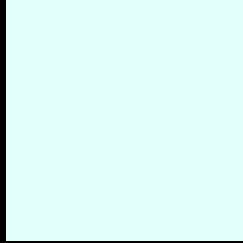
Large Text (above 18pt) WCAG AA × Fail

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 84.8511, 94.8159, 105.0960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

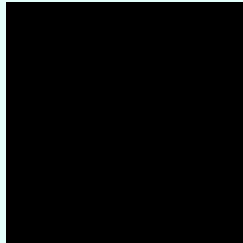
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.8511, 94.8159, 105.0960

Background



This preview shows how black text looks on a background with the XYZ color 84.8511, 94.8159, 105.0960.



This preview shows how white text looks on a background with the XYZ color 84.8511, 94.8159,

105.0960.

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

84.8511, 94.8159, 105.0960

Protanopia

90.8639, 94.7329, 101.4919

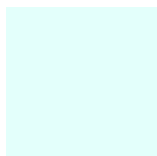
Deuteranopia

91.7561, 94.6837, 103.8822

Tritanopia

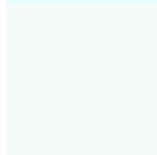
89.5438, 94.8243, 108.1912

Trichromacy



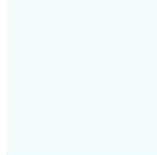
Original Color

84.8511, 94.8159, 105.0960



Protanomaly

88.7487, 95.0048, 102.4671



Deuteranomaly

89.0971, 94.6858, 104.0227



Tritanomaly

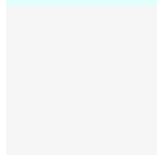
87.9597, 94.9537, 107.4579

Monochromacy



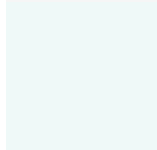
Original Color

84.8511, 94.8159, 105.0960



Achromatopsia

87.5964, 92.1582, 100.3603



Achromatomaly

86.4156, 92.8794, 102.1799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8511, 94.8159, 105.0960 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(227, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 84.8511, 94.8159, 105.0960 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(227, 255, 251) }
```


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

```
.border{ border-color:rgb(227, 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(227, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8511, 94.8159, 105.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 251) }
```

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

```
.background{ background-color: rgb(227,  
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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