

Converting Colors

XYZ(85.5123, 95.1713,
104.4683)

Have a look what the booklet for
XYZ(85.5123, 95.1713, 104.4683)
contains.

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Color

**XYZ(85.3284, 95.0801,
104.2975)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FFFA
RGB	229, 255, 250
RGB Percent	90%, 100%, 98%
CMY	0.1020, 0.0000, 0.0196
CMYK	0.10, 0.00, 0.02, 0.00
HSL	168°, 100%, 95%
HSV	168°, 10%, 100%
XYZ	85.3284, 95.0801, 104.2975
YIQ	246.6560, -13.8910, -7.0670

Conversions

Conversions Part 2

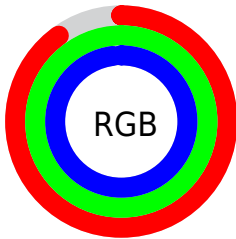
Format	Color
R _{YB}	229, 243, 255
Decimal	15073274
CIE _{Lab}	98.07, -9.32, -0.49
CIE _{LCh}	98, 9.333, 182.993
Y _{xy}	95.0801, 0.2997, 0.3340
Android (android.graphics.Color)	4293263354 (0xFFE5FFFA)
Y _{UV}	246.6560, 1.6486, -15.4843
Hunter-Lab	97.5090, -14.4386, 4.8386

Details

The XYZ color **85.3284, 95.0801, 104.2975** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84.1112, 83.2403, 89.4759**, and the grayscale version is **88.1235, 92.7127, 100.9642**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1653, 53.1674, 58.8154** is the 20% darker color. If you saturate the color by 10%, you get **77.0222, 90.8858, 99.9490**, and if you desaturate by 10%, it is **94.8516, 99.8995, 108.8103**.

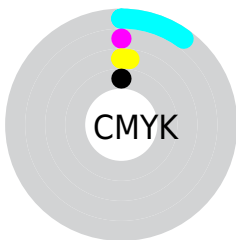
Distribution



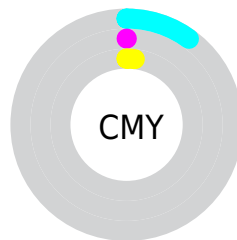
- Red (90%)
- Green (100%)
- Blue (98%)



- Red (90%)
- Yellow (95%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3284, 95.0801, 104.2975 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 85.3284, 95.0801, 104.2975 by changing the saturation by 10% instead.

85.3284, 95.0801,
104.2975

85.3284, 95.0801,
104.2975

501.1814,
544.4214, 595.2487

64.4362, 72.2016,
79.2576

139.7436,
154.3753, 169.1537

47.2670, 53.3234,
58.5850

173.9972,
191.5608, 209.8070

33.4556, 38.0610,
41.8614

213.4354,
234.2841, 256.5019

22.6366, 26.0300,
28.6680

258.4234,
282.9295, 309.6569

14.4446, 16.8461,
18.5864

309.3267,
337.8816, 369.6906

8.5143, 10.1248,
11.1980

366.5105,

4.4803, 5.4818,

399.5247, 437.0214

6.0843

430.3403,
468.2432, 512.0679

■ 1.9773, 2.5326,
2.8268

■ 0.6212, 0.8929,
1.0069

■ 85.3284, 95.0801,
104.2975

■ 85.3284, 95.0801,
104.2975

■ 77.0222, 90.8858,
99.9490

94.8516, 99.8995,
108.8103

■ 69.8780, 87.2882,
95.7569

95.0500, 100.0000,
108.9000

■ 63.8411, 84.2591,
91.7194

■ 58.8508, 81.7674,
87.8328

■ 54.8407, 79.7788,
84.0932

■ 51.7368, 78.2551,
80.4965

■ 49.4542, 77.1525,
77.0376

■ 47.8915, 76.4189,
73.7111

■ 46.8976, 75.9750,
70.5698

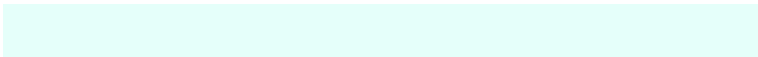
Harmonies

Analogous

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



85.8629, 95.0801, 96.9766



85.3284, 95.0801, 104.2975



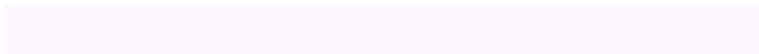
86.1228, 95.0801, 111.7608

Triad

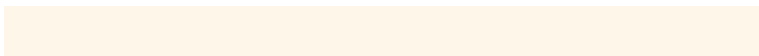
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3284, 95.0801, 104.2975



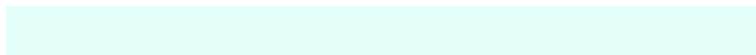
93.2021, 95.0801, 116.3862



92.7279, 95.0801, 90.9423

Complementary

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



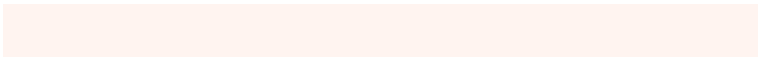
85.3284, 95.0801, 104.2975



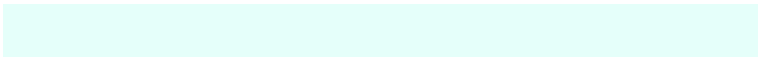
84.1112, 83.2403, 89.4759

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.



94.7562, 95.0801, 95.7061



85.3284, 95.0801, 104.2975



95.0338, 95.0801, 110.3640

Square

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



85.3284, 95.0801, 104.2975



90.6397, 95.0801, 118.9528



95.6080, 95.0801, 102.7584



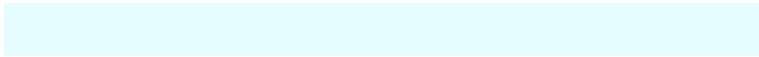
90.1024, 95.0801, 89.4943

Rectangle

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



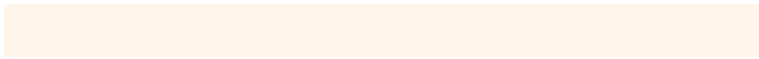
85.3284, 95.0801, 104.2975



87.3085, 95.0801, 115.7472



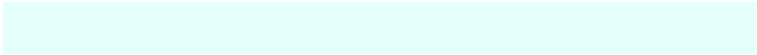
95.6080, 95.0801, 102.7584



93.5039, 95.0801, 92.1970

Sweetspot

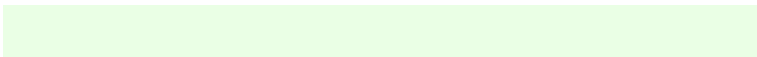
The Sweet Spot groups the original color and five complimentary colors.



85.3293, 95.0806, 104.2990



92.0554, 98.4835, 107.5286



83.9011, 94.7038, 87.9878



19.5364, 20.9949, 22.9376



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

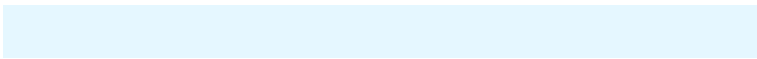
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3293, 95.0806, 104.2990



83.7417, 94.2781, 103.5021



83.6859, 90.5226, 107.6696



18.3963, 20.4180, 22.3899



24.5583, 39.7199, 37.1549



2.4278, 3.8821, 3.8107

Inverse Universe

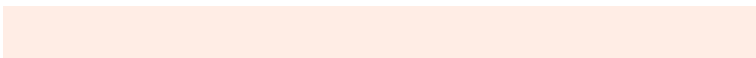
The Inverse Universe completely reimagines the original color for something new.



84.1112, 83.2403, 89.4759



82.3260, 80.5157, 86.2734



85.6099, 87.3707, 86.4823



18.1521, 18.0441, 19.4179



21.8791, 11.2409, 2.7478



2.1661, 1.1088, 0.4560

Previews

White Background



This preview shows how the XYZ color 85.3284, 95.0801, 104.2975 looks on a white background.

Color Contrast Check

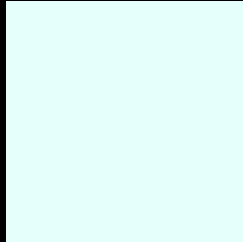
Large Text (above 18pt) WCAG AA × Fail

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 85.3284, 95.0801, 104.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

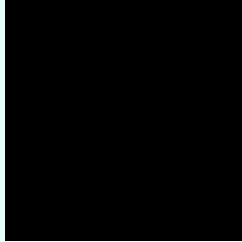
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

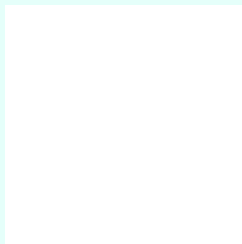
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3284, 95.0801, 104.2975

Background



This preview shows how black text looks on a background with the XYZ color 85.3284, 95.0801, 104.2975.



This preview shows how white text looks on a background with the XYZ color 85.3284, 95.0801,

104.2975.

Color Blindness Simulation

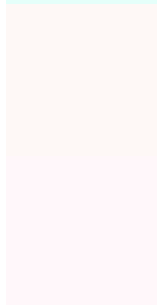
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.3284, 95.0801, 104.2975



Protanopia

91.0750, 94.8595, 100.6983

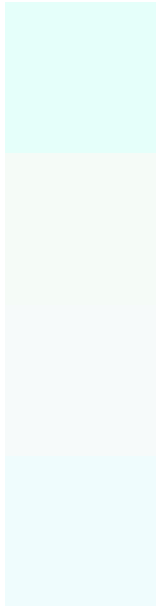
Deuteranopia

91.7561, 94.6837, 103.8822

Tritanopia

89.8918, 95.0037, 108.2075

Trichromacy



Original Color

85.3284, 95.0801, 104.2975

Protanomaly

88.9419, 95.1222, 101.6684

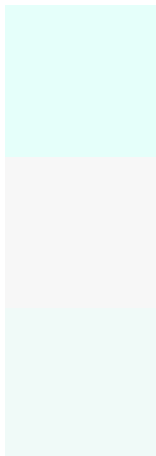
Deuteranomaly

89.4470, 94.8662, 104.0391

Tritanomaly

88.1366, 95.0634, 106.6323

Monochromacy



Original Color

85.3284, 95.0801, 104.2975

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.0641, 93.6738, 102.2990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3284, 95.0801, 104.2975 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(229, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 250)  
}
```

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(229, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 85.3284, 95.0801, 104.2975 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(229, 255, 250) }
```


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

```
.border{ border-color:rgb(229, 255, 250) }
```

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

Here you see how a box with a 4 pixel rgb(229, 255, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3284, 95.0801, 104.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 250) }
```

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

```
.background{ background-color: rgb(229,  
255, 250) }
```

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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