

Converting Colors

XYZ(88.2417, 100.0000,
104.7711)

Have a look what the booklet for
XYZ(88.2417, 100.0000, 104.7711)
contains.

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Color

**XYZ(85.9703, 95.4111,
104.3275)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFFA
RGB	231, 255, 250
RGB Percent	91%, 100%, 98%
CMY	0.0941, 0.0000, 0.0196
CMYK	0.09, 0.00, 0.02, 0.00
HSL	168°, 100%, 95%
HSV	168°, 9%, 100%
XYZ	85.9703, 95.4111, 104.3275
YIQ	247.2540, -12.6990, -6.6430

Conversions

Conversions Part 2

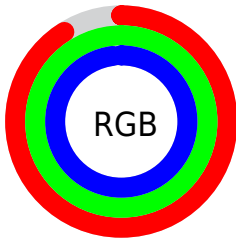
Format	Color
R _{YB}	231, 244, 255
Decimal	15204346
CIE _{Lab}	98.20, -8.68, -0.28
CIE _{LCh}	98, 8.688, 181.835
Y _{xy}	95.4111, 0.3009, 0.3339
Android (android.graphics.Color)	4293394426 (0xFFE7FFFA)
YUV	247.2540, 1.3538, -14.2548
Hunter-Lab	97.6786, -13.8336, 5.0492

Details

The XYZ color **85.9703, 95.4111, 104.3275** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.9568, 84.4690, 91.1834**, and the grayscale version is **88.6110, 93.2257, 101.5228**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6109, 53.3972, 58.8363** is the 20% darker color. If you saturate the color by 10%, you get **77.5097, 91.1443, 99.6462**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

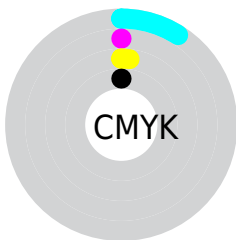
Distribution



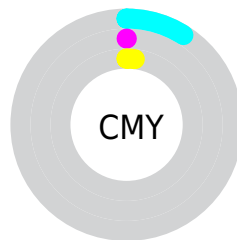
- Red (91%)
- Green (100%)
- Blue (98%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.9703, 95.4111, 104.3275 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 85.9703, 95.4111, 104.3275 by changing the saturation by 10% instead.

85.9703, 95.4111,
104.3275

85.9703, 95.4111,
104.3275

503.2687,
545.4802, 595.3445

64.9686, 72.4772,
79.2826

140.6351,
154.8324, 169.1951

47.7002, 53.5486,
58.6055

175.0289,
192.0886, 209.8548

33.7998, 38.2409,
41.8777

214.6174,
234.8877, 256.5566

22.9020, 26.1697,
28.6807

259.7661,
283.6141, 309.7189

14.6415, 16.9506,
18.5959

310.8402,
338.6521, 369.7603

8.6528, 10.1993,
11.2048

368.2051,

4.5707, 5.5313,

400.3862, 437.0994

6.0889

432.2261,
469.2008, 512.1546

■ 2.0298, 2.5622,
2.8295

■ 0.6506, 0.9077,
1.0083

■ 85.9703, 95.4111,
104.3275

■ 85.9703, 95.4111,
104.3275

■ 77.5097, 91.1443,
99.6462

95.0500, 100.0000,
108.9000

■ 70.2190, 87.4780,
95.1397

■ 64.0433, 84.3838,
90.8058

■ 58.9226, 81.8309,
86.6407

■ 54.7908, 79.7852,
82.6403

■ 51.5747, 78.2088,
78.8001

■ 49.1901, 77.0586,
75.1152

■ 47.5374, 76.2832,
71.5797

■ 46.4634, 75.8035,
68.1854

Harmonies

Analogous

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



86.5178, 95.4111, 97.5298



85.9703, 95.4111, 104.3275



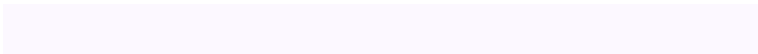
86.6669, 95.4111, 111.3104

Triad

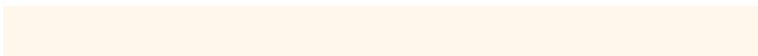
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9703, 95.4111, 104.3275



93.2418, 95.4111, 116.0130



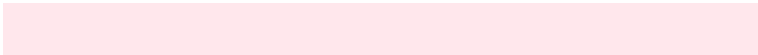
92.9708, 95.4111, 92.2285

Complementary

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



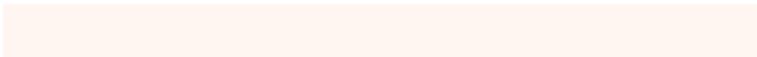
85.9703, 95.4111, 104.3275



84.9568, 84.4690, 91.1834

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.



94.8262, 95.4111, 96.8002



85.9703, 95.4111, 104.3275



94.9848, 95.4111, 110.5135

Square

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



85.9703, 95.4111, 104.3275



90.8393, 95.4111, 118.2462



95.5698, 95.4111, 103.4467



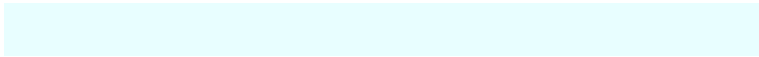
90.5317, 95.4111, 90.7390

Rectangle

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



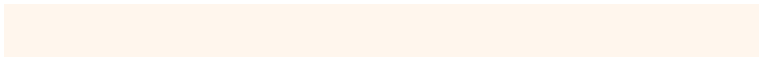
85.9703, 95.4111, 104.3275



87.7505, 95.4111, 115.0780



95.5698, 95.4111, 103.4467



93.6850, 95.4111, 93.4451

Sweetspot

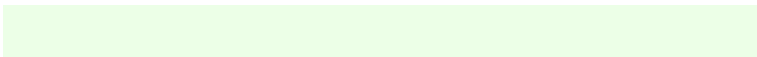
The Sweet Spot groups the original color and five complimentary colors.



85.9712, 95.4115, 104.3290



92.0358, 98.4757, 107.4254



84.8431, 95.1570, 89.4981



19.5311, 20.9927, 22.9097



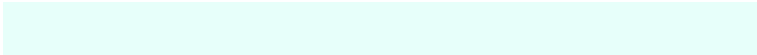
0.0000, 0.0000, 0.0000



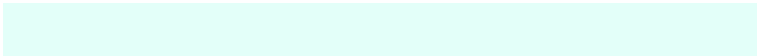
20.3446, 21.4041, 23.3091

Same Dimension

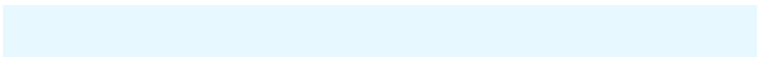
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9712, 95.4115, 104.3290



84.5463, 94.6922, 103.5730



84.6347, 91.4674, 107.8020



18.3832, 20.4128, 22.3212



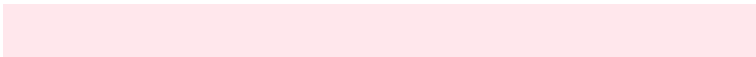
24.3052, 39.6187, 35.8222



2.4053, 3.8730, 3.6921

Inverse Universe

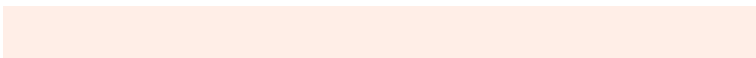
The Inverse Universe completely reimagines the original color for something new.



84.9568, 84.4690, 91.1834



83.3737, 82.0421, 88.3767



86.1808, 88.0631, 88.0583



18.1641, 18.0490, 19.4814



21.9290, 11.2609, 3.0104



2.1726, 1.1114, 0.4902

Previews

White Background



This preview shows how the XYZ color 85.9703, 95.4111, 104.3275 looks on a white background.

Color Contrast Check

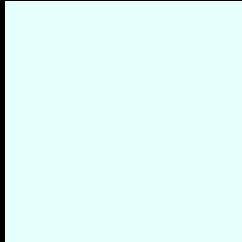
Large Text (above 18pt) WCAG AA × Fail

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 85.9703, 95.4111, 104.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

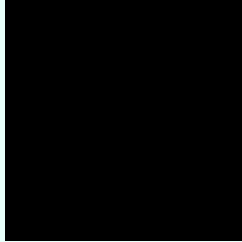
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

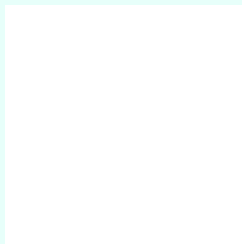
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.9703, 95.4111, 104.3275

Background



This preview shows how black text looks on a background with the XYZ color 85.9703, 95.4111, 104.3275.



This preview shows how white text looks on a background with the XYZ color 85.9703, 95.4111,

104.3275.

Color Blindness Simulation

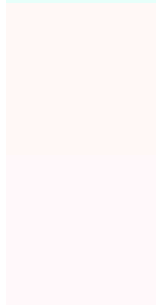
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.9703, 95.4111, 104.3275



Protanopia

91.4420, 95.0486, 100.7155

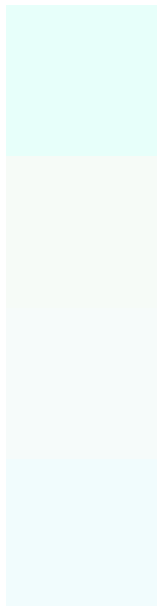
Deuteranopia

92.0627, 95.2969, 103.9844

Tritanopia

90.2416, 95.1840, 108.2239

Trichromacy



Original Color

85.9703, 95.4111, 104.3275

Protanomaly

89.2917, 95.3026, 101.6848

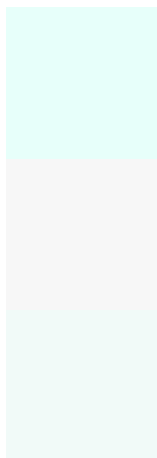
Deuteranomaly

89.7585, 95.4893, 104.1430

Tritanomaly

88.8157, 95.4134, 106.6641

Monochromacy



Original Color

85.9703, 95.4111, 104.3275

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.4045, 93.8493, 102.3150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9703, 95.4111, 104.3275 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(231, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(231, 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(231, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 85.9703, 95.4111, 104.3275 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(231, 255, 250) }
```


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

```
.border{ border-color:rgb(231, 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(231, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9703, 95.4111, 104.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 250) }
```

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

```
.background{ background-color: rgb(231,  
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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