

Converting Colors

XYZ(85.1008, 95.0075,
102.2648)

Have a look what the booklet for
XYZ(85.1008, 95.0075, 102.2648)
contains.

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Color

**XYZ(85.3364, 95.1203,
102.6693)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FFF8
RGB	230, 255, 248
RGB Percent	90%, 100%, 97%
CMY	0.0980, 0.0000, 0.0274
CMYK	0.10, 0.00, 0.03, 0.00
HSL	163°, 100%, 95%
HSV	163°, 10%, 100%
XYZ	85.3364, 95.1203, 102.6693
YIQ	246.7270, -12.6530, -7.4770

Conversions

Conversions Part 2

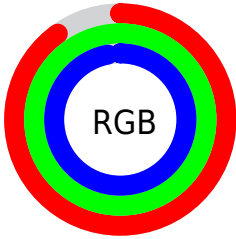
Format	Color
R _Y B	230, 245, 255
Decimal	15138808
CIE Lab	98.08, -9.37, 0.57
CIE LCh	98, 9.392, 176.510
Yxy	95.1203, 0.3014, 0.3360
Android (android.graphics.Color)	4293328888 (0xFFE6FFF8)
YUV	246.7270, 0.6276, -14.6696
Hunter-Lab	97.5296, -14.4931, 5.8563

Details

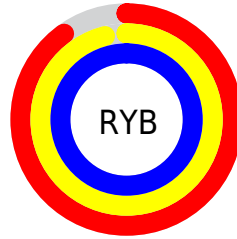
The XYZ color **85.3364, 95.1203, 102.6693** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84.8234, 83.9691, 91.8578**, and the grayscale version is **88.1884, 92.7810, 101.0385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1641, 53.1926, 57.6506** is the 20% darker color. If you saturate the color by 10%, you get **76.6564, 90.7711, 96.5923**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

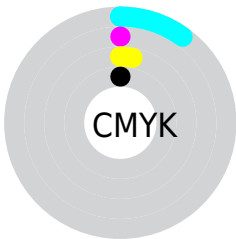
Distribution



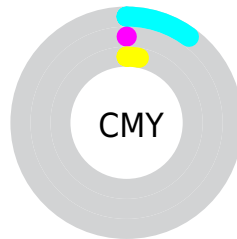
- Red (90%)
- Green (100%)
- Blue (97%)



- Red (90%)
- Yellow (96%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3364, 95.1203, 102.6693 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 85.3364, 95.1203, 102.6693 by changing the saturation by 10% instead.

85.3364, 95.1203,
102.6693

85.3364, 95.1203,
102.6693

501.2075,
544.5500, 590.0368

64.4428, 72.2351,
77.9024

139.7547,
154.4308, 166.9044

47.2724, 53.3508,
57.4778

174.0101,
191.6249, 207.2096

33.4599, 38.0828,
40.9771

213.4501,
234.3574, 253.5314

22.6399, 26.0470,
27.9816

258.4402,
283.0127, 306.2882

14.4471, 16.8588,
18.0729

309.3456,
337.9752, 365.8986

8.5160, 10.1339,
10.8323

366.5317,

4.4815, 5.4878,

399.6294, 432.7811

5.8415

430.3639,
468.3595, 507.3544

■ 1.9780, 2.5362,
2.6817

■ 0.6215, 0.8947,
0.9342

■ 85.3364, 95.1203,
102.6693

■ 85.3364, 95.1203,
102.6693

■ 76.6564, 90.7711,
96.5923

95.0500, 100.0000,
108.9000

■ 69.1626, 87.0286,
90.7875

■ 62.7998, 83.8645,
85.2512

■ 57.5075, 81.2474,
79.9782

■ 53.2192, 79.1432,
74.9628

■ 49.8607, 77.5138,
70.1988

■ 47.3473, 76.3156,
65.6798

■ 45.5782, 75.4965,
61.3982

■ 44.3922, 74.9736,
57.3438

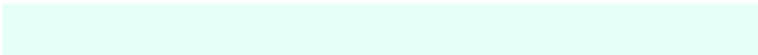
Harmonies

Analogous

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



86.1573, 95.1203, 95.5975



85.3364, 95.1203, 102.6693



85.8523, 95.1203, 110.3338

Triad

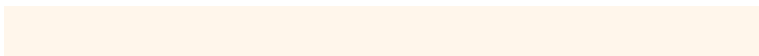
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3364, 95.1203, 102.6693



92.7409, 95.1203, 117.4208



93.2976, 95.1203, 91.6834

Complementary

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



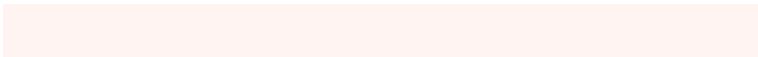
85.3364, 95.1203, 102.6693



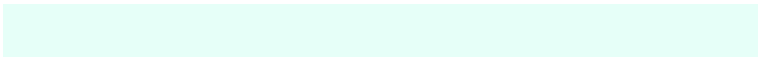
84.8234, 83.9691, 91.8578

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.



95.1242, 95.1203, 97.0881



85.3364, 95.1203, 102.6693



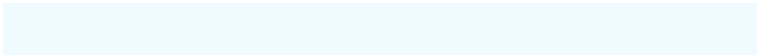
94.7983, 95.1203, 111.9736

Square

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



85.3364, 95.1203, 102.6693



90.0940, 95.1203, 119.0948



95.6787, 95.1203, 104.4756



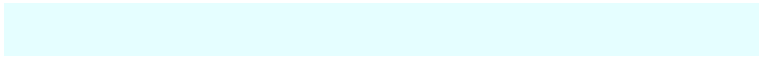
90.7247, 95.1203, 89.4563

Rectangle

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



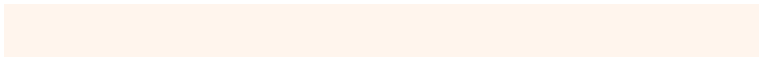
85.3364, 95.1203, 102.6693



86.8905, 95.1203, 114.7100



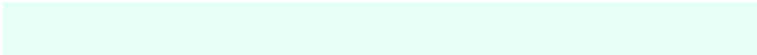
95.6787, 95.1203, 104.4756



94.0212, 95.1203, 93.1753

Sweetspot

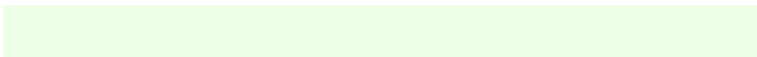
The Sweet Spot groups the original color and five complimentary colors.



85.3373, 95.1207, 102.6708



91.9484, 98.4407, 106.9650



84.9965, 95.2524, 88.7701



19.5075, 20.9833, 22.7851



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

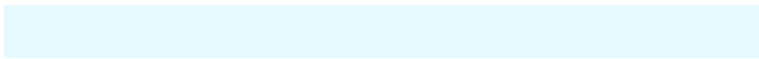
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3373, 95.1207, 102.6708



83.3258, 94.1118, 101.3118



84.7401, 92.1561, 107.9294



18.3252, 20.3896, 22.0155



23.2518, 39.1973, 30.2751



2.3106, 3.8352, 3.1933

Inverse Universe

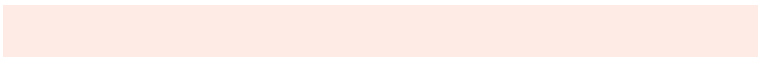
The Inverse Universe completely reimagines the original color for something new.



84.8234, 83.9691, 91.8578



82.7065, 80.6678, 88.2770



85.3514, 86.6297, 87.0870



18.2183, 18.0707, 19.7670



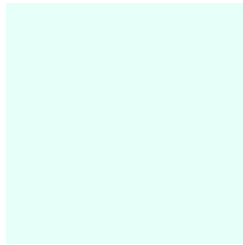
22.2039, 11.3708, 4.4582



2.2061, 1.1248, 0.6665

Previews

White Background



This preview shows how the XYZ color 85.3364, 95.1203, 102.6693 looks on a white background.

Color Contrast Check

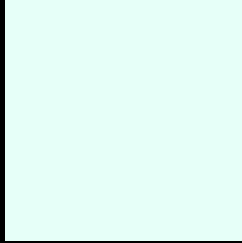
Large Text (above 18pt) WCAG AA × Fail

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 85.3364, 95.1203, 102.6693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

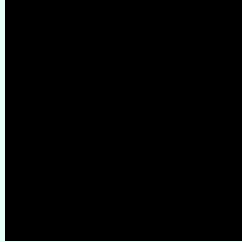
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

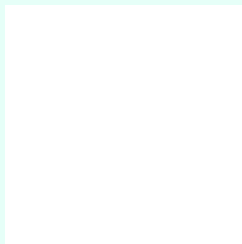
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3364, 95.1203, 102.6693

Background



This preview shows how black text looks on a background with the XYZ color 85.3364, 95.1203, 102.6693.



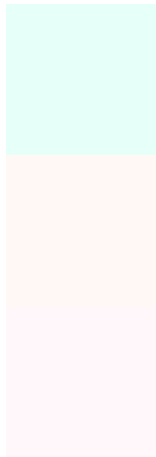
This preview shows how white text looks on a background with the XYZ color 85.3364, 95.1203,

102.6693.

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

85.3364, 95.1203, 102.6693

Protanopia

91.1365, 94.9265, 99.1072

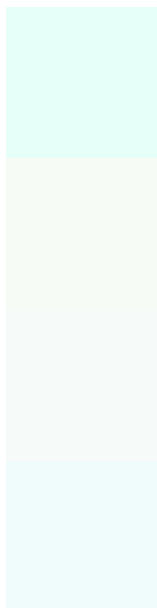
Deuteranopia

91.7561, 94.6837, 103.8822

Tritanopia

89.8918, 95.0037, 108.2075

Trichromacy



Original Color

85.3364, 95.1203, 102.6693

Protanomaly

88.9846, 95.1798, 100.0677

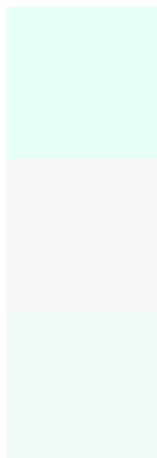
Deuteranomaly

89.2905, 94.8036, 103.2153

Tritanomaly

88.3163, 95.1743, 105.8112

Monochromacy



Original Color

85.3364, 95.1203, 102.6693

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.2497, 93.7874, 101.4999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3364, 95.1203, 102.6693 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(230, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 248)  
}
```

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(230, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 248) }
```

Border

The CSS property to change the border of an element to XYZ 85.3364, 95.1203, 102.6693 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(230, 255, 248) }
```


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

```
.border{ border-color:rgb(230, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3364, 95.1203, 102.6693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 248) }
```

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

```
.background{ background-color: rgb(230,  
255, 248) }
```

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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