

Converting Colors

XYZ(84.6500, 93.4385,
108.1814)

Have a look what the booklet for
XYZ(84.6500, 93.4385, 108.1814)
contains.

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Color

**XYZ(84.5390, 93.1717,
108.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	E3FCFF
RGB	227, 252, 255
RGB Percent	89%, 99%, 100%
CMY	0.1098, 0.0117, 0.0000
CMYK	0.11, 0.01, 0.00, 0.00
HSL	186°, 100%, 95%
HSV	186°, 11%, 100%
XYZ	84.5390, 93.1717, 108.1360
YIQ	244.8670, -15.8630, -4.3670

Conversions

Conversions Part 2

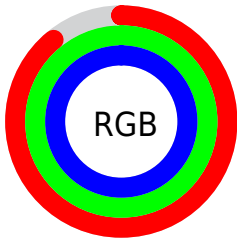
Format	Color
R_{YB}	227, 240, 255
Decimal	14941439
CIE _{Lab}	97.30, -7.50, -4.20
CIE _{LCh}	97, 8.597, 209.257
Yxy	93.1717, 0.2957, 0.3259
Android (android.graphics.Color)	4293131519 (0xFFE3FCFF)
YUV	244.8670, 4.9956, -15.6694
Hunter-Lab	96.5255, -12.5856, 1.1462

Details

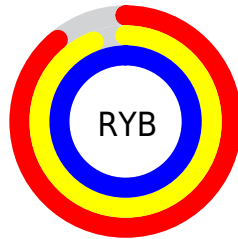
The XYZ color **84.5390, 93.1717, 108.1360** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.4014, 83.3981, 84.3765**, and the grayscale version is **86.6565, 91.1694, 99.2835**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5027, 51.7654, 60.9668** is the 20% darker color. If you saturate the color by 10%, you get **76.2343, 87.6306, 107.5042**, and if you desaturate by 10%, it is **94.0519, 99.3590, 108.8289**.

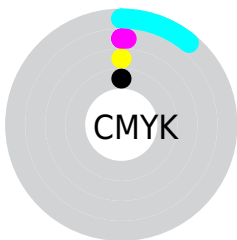
Distribution



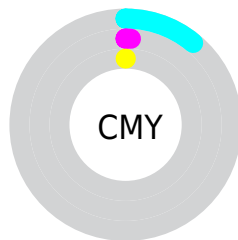
- Red (89%)
- Green (99%)
- Blue (100%)



- Red (89%)
- Yellow (94%)
- Blue (100%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.5390, 93.1717, 108.1360 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 84.5390, 93.1717, 108.1360 by changing the saturation by 10% instead.

84.5390, 93.1717,
108.1360

84.5390, 93.1717,
108.1360

498.6081,
538.2952, 607.4423

63.7817, 70.6142,
82.4578

138.6463,
151.7363, 174.4428

46.7349, 52.0274,
61.2049

172.7270,
188.5122, 215.9085

33.0332, 37.0269,
43.9589

211.9796,
230.7964, 263.4738

22.3113, 25.2284,
30.3013

256.7694,
278.9733, 317.5571

14.2037, 16.2473,
19.8134

307.4618,
333.4272, 378.5771

8.3451, 9.6993,
12.0767

364.4222,

4.3702, 5.2000,

394.5425, 446.9523

6.6728

428.0158,
462.7037, 523.1012

■ 1.9136, 2.3651,
3.1830

■ 0.5847, 0.8078,
1.1888

■ 84.5390, 93.1717,
108.1360

■ 84.5390, 93.1717,
108.1360

■ 76.2343, 87.6306,
107.5042

94.0519, 99.3590,
108.8289

■ 69.0785, 82.6973,
106.9291

95.0500, 100.0000,
108.9000

■ 63.0178, 78.3467,
106.4088

■ 57.9914, 74.5474,
105.9404

■ 53.9325, 71.2647,
105.5207

■ 50.7663, 68.4602,
105.1462

■ 48.4071, 66.0894,
104.8130

■ 46.7520, 64.0993,
104.5161

■ 45.7180, 62.5559,
104.2727

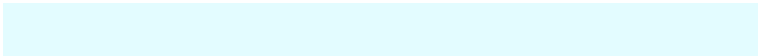
Harmonies

Analogous

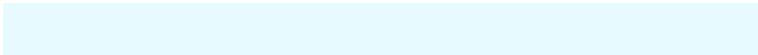
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9623, 93.1717, 101.2745



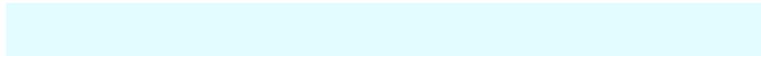
84.5390, 93.1717, 108.1360



86.1876, 93.1717, 113.4009

Triad

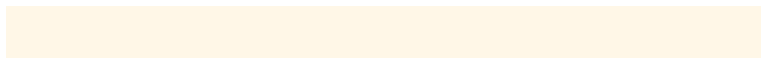
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5390, 93.1717, 108.1360



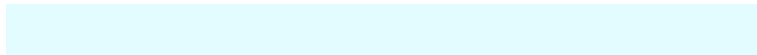
92.6376, 93.1717, 108.4503



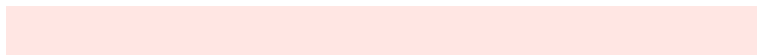
88.6176, 93.1717, 88.6359

Complementary

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



84.5390, 93.1717, 108.1360



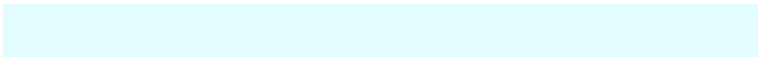
83.4014, 83.3981, 84.3765

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.



90.9692, 93.1717, 90.3663



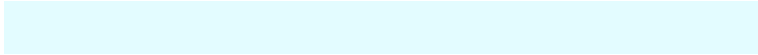
84.5390, 93.1717, 108.1360



93.3162, 93.1717, 101.6220

Square

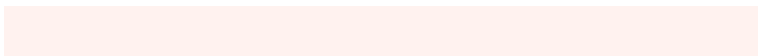
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.5390, 93.1717, 108.1360



90.8623, 93.1717, 113.5881



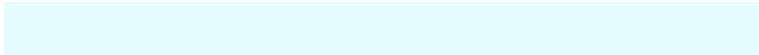
92.7001, 93.1717, 95.0419



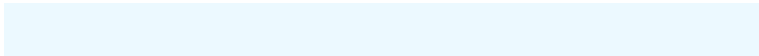
86.2908, 93.1717, 90.2055

Rectangle

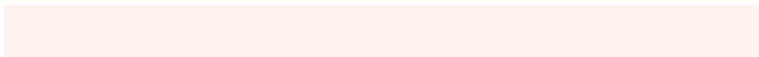
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.5390, 93.1717, 108.1360



87.6880, 93.1717, 115.1847



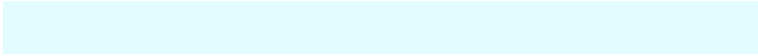
92.7001, 93.1717, 95.0419



89.4316, 93.1717, 88.8496

Sweetspot

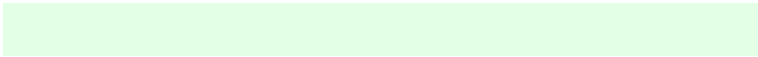
The Sweet Spot groups the original color and five complimentary colors.



84.5414, 93.1755, 108.1366



92.0308, 98.0569, 108.6841



81.6945, 93.5533, 88.4692



19.5297, 20.8792, 23.2507



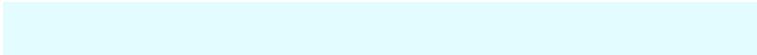
0.0000, 0.0000, 0.0000



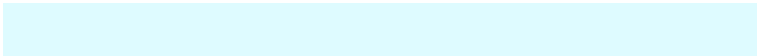
20.3446, 21.4041, 23.3091

Same Dimension

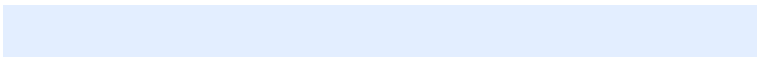
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5414, 93.1755, 108.1366



82.7676, 92.0045, 108.0041



80.3625, 84.8177, 106.7436



18.3791, 20.1299, 23.1667



23.9556, 32.8207, 54.5070



2.3781, 3.2868, 5.3224

Inverse Universe

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



86.2813, 83.2281, 103.6171



84.8058, 80.4166, 102.6949



87.3963, 91.3878, 85.7081



18.7040, 18.2649, 22.3245



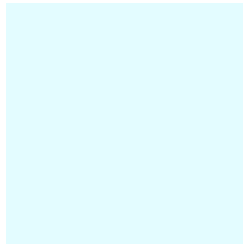
28.8799, 14.0412, 39.6134



2.8349, 1.3763, 3.9782

Previews

White Background



This preview shows how the XYZ color 84.5390, 93.1717, 108.1360 looks on a white background.

Color Contrast Check

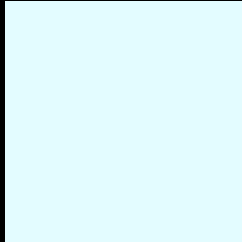
Large Text (above 18pt) WCAG AA × Fail

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 84.5390, 93.1717, 108.1360 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 84.5390, 93.1717, 108.1360

Background



This preview shows how black text looks on a background with the XYZ color 84.5390, 93.1717, 108.1360.

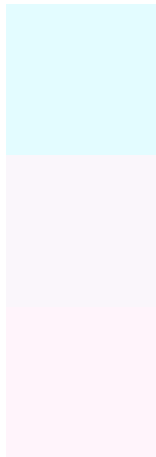


This preview shows how white text looks on a background with the XYZ color 84.5390, 93.1717,

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

84.5390, 93.1717, 108.1360

Protanopia

89.7927, 93.2006, 104.5237

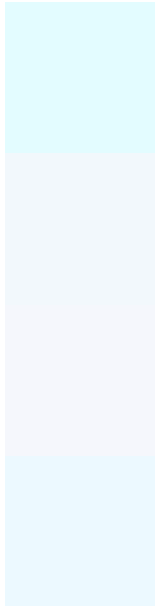
Deuteranopia

91.0033, 92.9264, 104.4070

Tritanopia

87.8930, 93.0556, 107.9368

Trichromacy



Original Color

84.5390, 93.1717, 108.1360

Protanomaly

87.7560, 93.0403, 105.4288

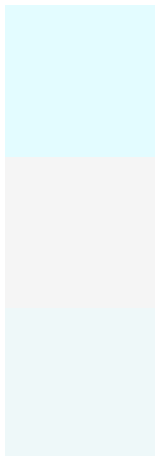
Deuteranomaly

88.4876, 92.9623, 105.3752

Tritanomaly

86.5178, 92.8042, 107.9608

Monochromacy



Original Color

84.5390, 93.1717, 108.1360

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.9262, 92.1515, 102.8808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5390, 93.1717, 108.1360 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, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 252, 255)  
}
```

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, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.5390, 93.1717, 108.1360 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, 252, 255) }
```


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

```
.border{ border-color:rgb(227, 252, 255) }
```

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

Here you see how a box with a 4 pixel rgb(227, 252, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5390, 93.1717, 108.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 252, 255) }
```

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

```
.background{ background-color: rgb(227,  
252, 255) }
```

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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