

Converting Colors

XYZ(65.8073, 84.0988,
107.3720)

Have a look what the booklet for
XYZ(65.8073, 84.0988, 107.3720)
contains.

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Color

**XYZ(65.7530, 83.9546,
107.3471)**

Conversions

Conversions Part 1

Format	Color
Hex	96FDFF
RGB	150, 253, 255
RGB Percent	59%, 99%, 100%
CMY	0.4117, 0.0078, 0.0000
CMYK	0.41, 0.01, 0.00, 0.00
HSL	181°, 100%, 79%
HSV	181°, 41%, 100%
XYZ	65.7530, 83.9546, 107.3471
YIQ	222.4310, -62.0300, -21.2140

Conversions

Conversions Part 2

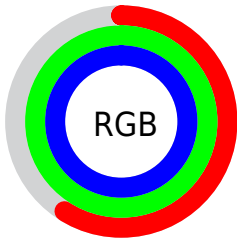
Format	Color
R _Y B	150, 202, 255
Decimal	9895423
CIE Lab	93.43, -29.47, -10.38
CIE LCh	93, 31.249, 199.403
Yxy	83.9546, 0.2558, 0.3266
Android (android.graphics.Color)	4288085503 (0xFF96FDFF)
YUV	222.4310, 16.0565, -63.5220
Hunter-Lab	91.6267, -32.2520, -5.3236

Details

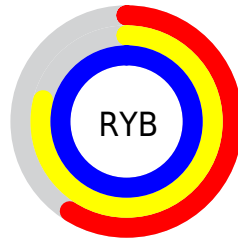
The XYZ color **65.7530, 83.9546, 107.3471** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **57.9737, 45.9188, 34.6639**, and the grayscale version is **69.6593, 73.2870, 79.8095**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **34.2474, 45.7812, 60.4577** is the 20% darker color. If you saturate the color by 10%, you get **61.4091, 81.4904, 107.1004**, and if you desaturate by 10%, it is **71.1226, 86.9522, 107.6426**.

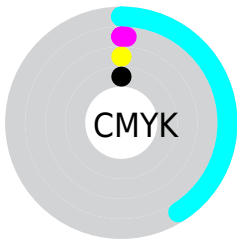
Distribution



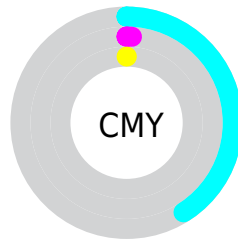
- Red (59%)
- Green (99%)
- Blue (100%)



- Red (59%)
- Yellow (79%)
- Blue (100%)



- Cyan (41%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (41%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7530, 83.9546, 107.3471 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 65.7530, 83.9546, 107.3471 by changing the saturation by 10% instead.


 65.7530, 83.9546,
107.3471


 65.7530, 83.9546,
107.3471


434.9956,
508.1625, 604.9467

 48.3389, 62.9780,
81.7994

 112.1914,
138.9117, 173.3573

 34.3077, 45.8234,
60.6654


 141.9465,
173.6609, 214.6570

 23.2941, 32.1065,
43.5264


176.5459,
213.7697, 262.0444

 14.9327, 21.4428,
29.9639

216.3550,
259.6226, 315.9381

 8.8582, 13.4481,
19.5594

261.7391,
311.6039, 376.7567

 4.7052, 7.7378,
11.8943

313.0637,

 2.1083, 3.9276,

370.0981, 444.9186

6.5501

370.6941,
435.4895, 520.8424

0.6937, 1.6332,
3.1082

0.0000, 0.3798,
1.1501

65.7530, 83.9546,
107.3471

65.7530, 83.9546,
107.3471

61.4091, 81.4904,
107.1004

71.1226, 86.9522,
107.6426

58.0175, 79.5157,
106.8980

77.5722, 90.5051,
107.9885

55.5054, 77.9949,
106.7368

85.1600, 94.6454,
108.3877

53.7868, 76.8838,
106.6129

93.9385, 99.4000,
108.8428

■ 52.7585, 76.1291,
106.5215

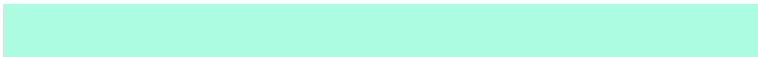
95.0500, 100.0000,
108.9000

■ 52.2832, 75.6864,
106.4611

Harmonies

Analogous

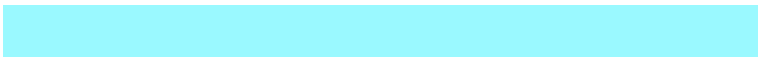
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.2006, 83.9546, 83.3117



65.7530, 83.9546, 107.3471



69.9147, 83.9546, 130.4191

Triad

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



65.7530, 83.9546, 107.3471



92.4544, 83.9546, 124.2682



82.7484, 83.9546, 53.6407

Complementary

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



65.7530, 83.9546, 107.3471



57.9737, 45.9188, 34.6639

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.



90.5677, 83.9546, 61.0798



65.7530, 83.9546, 107.3471



96.4224, 83.9546, 100.0216

Square

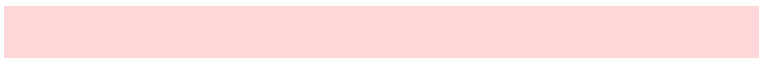
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.7530, 83.9546, 107.3471



85.1819, 83.9546, 141.2933



95.7091, 83.9546, 77.1380



74.6427, 83.9546, 54.9159

Rectangle

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



65.7530, 83.9546, 107.3471



74.3463, 83.9546, 140.8613



95.7091, 83.9546, 77.1380



85.5064, 83.9546, 55.1465

Sweetspot

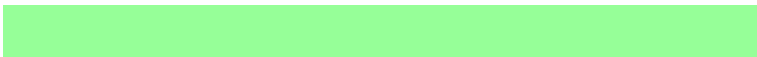
The Sweet Spot groups the original color and five complimentary colors.



65.7552, 83.9578, 107.3475



84.4893, 94.2807, 108.3527



53.9860, 80.2635, 42.2476



17.8605, 20.0583, 23.1802



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

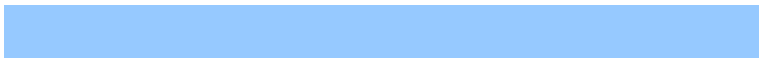
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7552, 83.9578, 107.3475



62.2706, 81.9838, 107.1502



51.4576, 55.3625, 102.5817



18.5235, 20.4187, 23.2149



27.3326, 39.5747, 55.6327



2.6704, 3.8714, 5.4198

Inverse Universe

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



69.8774, 50.1664, 98.9322



66.8992, 44.3065, 97.6417



68.3983, 66.7680, 38.1387



18.7769, 18.2941, 22.7083



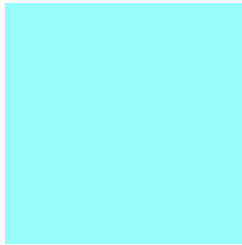
30.5844, 14.7231, 48.5894



2.9825, 1.4354, 4.7551

Previews

White Background



This preview shows how the XYZ color 65.7530, 83.9546, 107.3471 looks on a white background.

Color Contrast Check

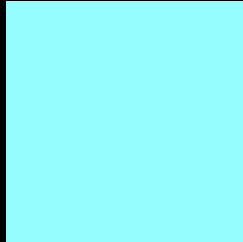
Large Text (above 18pt) WCAG AA × Fail

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 65.7530, 83.9546, 107.3471 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 65.7530, 83.9546, 107.3471

Background



This preview shows how black text looks on a background with the XYZ color 65.7530, 83.9546, 107.3471.

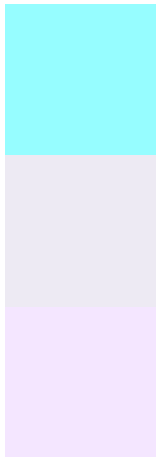


This preview shows how white text looks on a background with the XYZ color 65.7530, 83.9546,

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

65.7530, 83.9546, 107.3471

Protanopia

80.5255, 83.3212, 96.6325

Deuteranopia

83.6550, 83.0467, 106.2283



Tritanopia

73.4266, 83.7917, 106.9112

Trichromacy



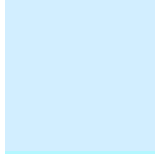
Original Color

65.7530, 83.9546, 107.3471



Protanomaly

73.4206, 82.6051, 100.0704



Deuteranomaly

75.2029, 82.0707, 106.4854



Tritanomaly

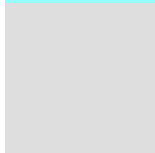
70.1332, 83.4448, 107.0178

Monochromacy



Original Color

65.7530, 83.9546, 107.3471



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

66.7551, 75.9541, 88.9841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7530, 83.9546, 107.3471 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(150, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 253, 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(150, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 253, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.7530, 83.9546, 107.3471 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(150, 253, 255) }
```


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

```
.border{ border-color:rgb(150, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 253,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7530, 83.9546, 107.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 253, 255) }
```

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

```
.background{ background-color: rgb(150,  
253, 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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