

Converting Colors

XYZ(65.4765, 84.9011,
100.8854)

Have a look what the booklet for
XYZ(65.4765, 84.9011, 100.8854)
contains.

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Color

**XYZ(65.4974, 84.9108,
100.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	98FFF7
RGB	152, 255, 247
RGB Percent	60%, 100%, 97%
CMY	0.4039, 0.0000, 0.0314
CMYK	0.40, 0.00, 0.03, 0.00
HSL	175°, 100%, 80%
HSV	175°, 40%, 100%
XYZ	65.4974, 84.9108, 100.9330
YIQ	223.2910, -58.8200, -24.3240

Conversions

Conversions Part 2

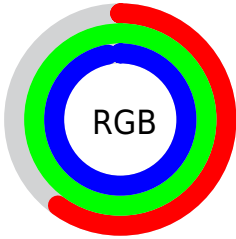
Format	Color
R_{YB}	152, 206, 255
Decimal	10026999
CIE _{Lab}	93.84, -31.83, -5.62
CIE _{LCh}	94, 32.324, 190.015
Yxy	84.9108, 0.2606, 0.3378
Android (android.graphics.Color)	4288217079 (0xFF98FFF7)
YUV	223.2910, 11.6885, -62.5222
Hunter-Lab	92.1471, -34.3810, -0.4402

Details

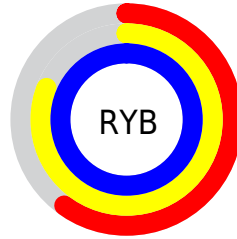
The XYZ color **65.4974, 84.9108, 100.9330** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.8143, 46.2560, 39.0873**, and the grayscale version is **70.2958, 73.9566, 80.5388**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **34.2141, 46.5294, 56.4680** is the 20% darker color. If you saturate the color by 10%, you get **60.9235, 82.5879, 99.1335**, and if you desaturate by 10%, it is **71.1026, 87.7649, 102.8006**.

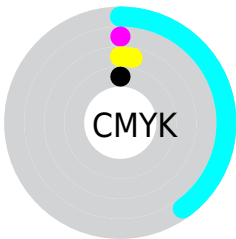
Distribution



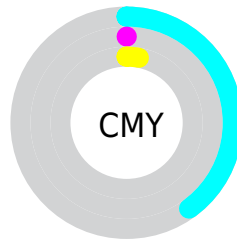
- Red (60%)
- Green (100%)
- Blue (97%)



- Red (60%)
- Yellow (81%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4974, 84.9108, 100.9330 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 65.4974, 84.9108, 100.9330 by changing the saturation by 10% instead.


 65.4974, 84.9108,
100.9330


 65.4974, 84.9108,
100.9330


434.0943,
511.3329, 584.4520

 48.1307, 63.7677,
76.4587


 111.8264,
140.2485, 164.5018

 34.1421, 46.4625,
56.2998


 141.5194,
175.2120, 204.4334

 23.1662, 32.6110,
40.0378


176.0519,
215.5509, 250.3545

 14.8376, 21.8286,
27.2540

215.7893,
261.6498, 302.6837

 8.7911, 13.7310,
17.5299

261.0968,
313.8931, 361.8395

 4.6612, 7.9338,
10.4471

312.3400,

 2.0826, 4.0526,

372.6651, 428.2405

5.5869

369.8840,
438.3502, 502.3052

■ 0.6797, 1.7030,
2.5309

■ 0.0000, 0.4256,
0.8565

■ 65.4974, 84.9108,
100.9330

■ 65.4974, 84.9108,
100.9330

■ 60.9235, 82.5879,
99.1335

■ 71.1026, 87.7649,
102.8006

■ 57.3112, 80.7605,
97.3944

■ 77.7964, 91.1798,
104.7347

■ 54.5876, 79.3908,
95.7138

■ 85.6356, 95.1848,
106.7395

■ 52.6675, 78.4350,
94.0876

94.6722, 99.8067,
108.8173

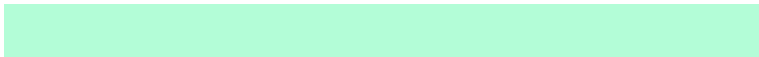
■ 51.4496, 77.8407, 95.0500, 100.0000,
92.5109 108.9000

■ 50.7840, 77.5296,
91.0352

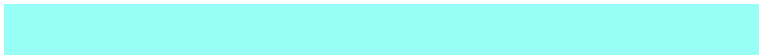
Harmonies

Analogous

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



66.1464, 84.9108, 77.1997



65.4974, 84.9108, 100.9330



68.6961, 84.9108, 126.3548

Triad

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



65.4974, 84.9108, 100.9330



91.8069, 84.9108, 133.6550



86.4873, 84.9108, 54.7193

Complementary

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



65.4974, 84.9108, 100.9330



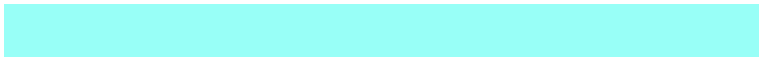
58.8143, 46.2560, 39.0873

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.



94.0381, 84.9108, 65.2330



65.4974, 84.9108, 100.9330



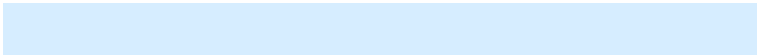
97.2573, 84.9108, 109.5947

Square

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



65.4974, 84.9108, 100.9330



83.6141, 84.9108, 147.3456



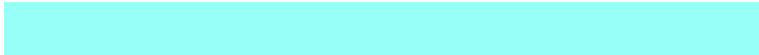
98.1016, 84.9108, 84.4626



77.8645, 84.9108, 53.2320

Rectangle

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



65.4974, 84.9108, 100.9330



72.7229, 84.9108, 139.8171



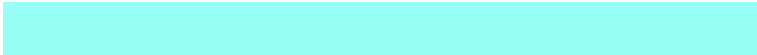
98.1016, 84.9108, 84.4626



89.2512, 84.9108, 57.2131

Sweetspot

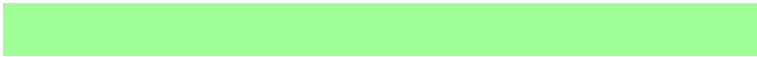
The Sweet Spot groups the original color and five complimentary colors.



65.4985, 84.9113, 100.9345



84.2943, 94.4992, 106.4119



56.0427, 81.3214, 42.4504



17.8143, 20.1101, 22.7199



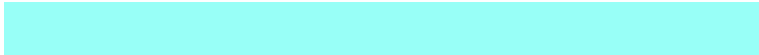
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



65.4985, 84.9113, 100.9345



61.9269, 83.0969, 99.5583



54.5645, 61.0253, 103.5110



18.4904, 20.4557, 22.8854



26.5613, 40.5211, 47.7026



2.6036, 3.9523, 4.7361

Inverse Universe

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



58.8143, 46.2560, 39.0873



54.4632, 39.8819, 30.4600



66.4048, 62.5211, 38.2755



18.0666, 18.0100, 18.9679



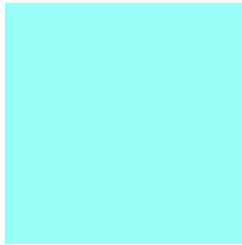
21.6340, 11.1429, 1.4570



2.1253, 1.0925, 0.2410

Previews

White Background



This preview shows how the XYZ color 65.4974, 84.9108, 100.9330 looks on a white background.

Color Contrast Check

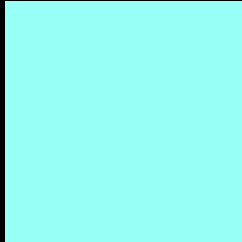
Large Text (above 18pt) WCAG AA × Fail

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 65.4974, 84.9108, 100.9330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

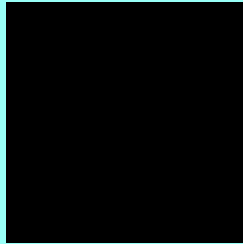
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

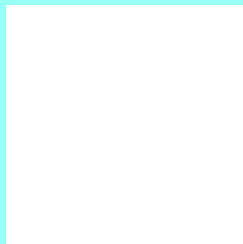
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4974, 84.9108, 100.9330

Background



This preview shows how black text looks on a background with the XYZ color 65.4974, 84.9108, 100.9330.



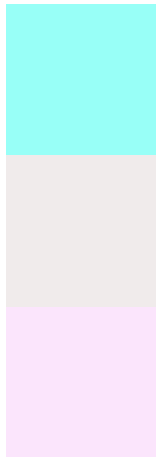
This preview shows how white text looks on a background with the XYZ color 65.4974, 84.9108,

100.9330.

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

65.4974, 84.9108, 100.9330

Protanopia

80.6389, 83.9401, 90.5492

Deuteranopia

85.3737, 83.5761, 103.7276



Tritanopia

74.4881, 84.3389, 106.9608

Trichromacy



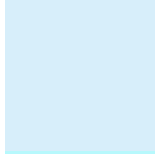
Original Color

65.4974, 84.9108, 100.9330



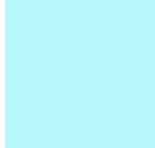
Protanomaly

73.3445, 83.1462, 93.8445



Deuteranomaly

75.8542, 82.4983, 102.3683



Tritanomaly

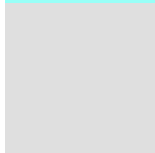
70.6665, 84.2304, 104.6290

Monochromacy



Original Color

65.4974, 84.9108, 100.9330



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

67.2998, 77.1132, 87.6812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4974, 84.9108, 100.9330 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(152, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(152, 255, 247)  
}
```

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(152, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 255, 247) }
```

Border

The CSS property to change the border of an element to XYZ 65.4974, 84.9108, 100.9330 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(152, 255, 247) }
```


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

```
.border{ border-color:rgb(152, 255, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 255, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(152, 255,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4974, 84.9108, 100.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 255, 247) }
```

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

```
.background{ background-color: rgb(152,  
255, 247) }
```

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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