

Converting Colors

XYZ(93.0132, 143.1452,
84.3387)

Have a look what the booklet for
XYZ(93.0132, 143.1452, 84.3387)
contains.

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Color

**XYZ(63.6663, 84.5480,
74.5918)**

Conversions

Conversions Part 1

Format	Color
Hex	A8FFD3
RGB	168, 255, 211
RGB Percent	66%, 100%, 83%
CMY	0.3412, 0.0000, 0.1725
CMYK	0.34, 0.00, 0.17, 0.00
HSL	150°, 100%, 83%
HSV	150°, 34%, 100%
XYZ	63.6663, 84.5480, 74.5918
YIQ	223.9710, -37.7280, -32.1280

Conversions

Conversions Part 2

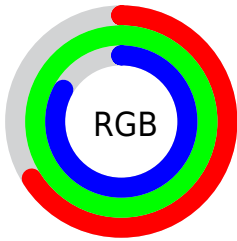
Format	Color
RYB	168, 226, 255
Decimal	11075539
CIELab	93.69, -35.31, 12.81
CIElCh	94, 37.562, 160.062
Yxy	84.5480, 0.2857, 0.3795
Android (android.graphics.Color)	4289265619 (0xFFA8FFD3)
YUV	223.9710, -6.3947, -49.0866
Hunter-Lab	91.9500, -37.3188, 16.2677

Details

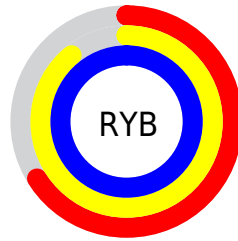
The XYZ color **63.6663, 84.5480, 74.5918** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **67.1267, 54.0195, 69.1763**, and the grayscale version is **70.8942, 74.5862, 81.2243**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **33.0049, 46.2992, 38.6496** is the 20% darker color. If you saturate the color by 10%, you get **57.2069, 81.3974, 66.1862**, and if you desaturate by 10%, it is **71.3213, 88.2999, 83.7333**.

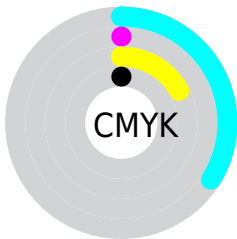
Distribution



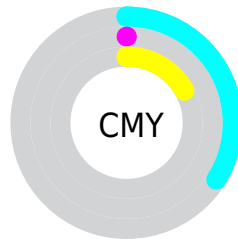
- Red (66%)
- Green (100%)
- Blue (83%)



- Red (66%)
- Yellow (89%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




- Cyan (34%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6663, 84.5480, 74.5918 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 63.6663, 84.5480, 74.5918 by changing the saturation by 10% instead.


 63.6663, 84.5480,
74.5918

 63.6663, 84.5480,
74.5918


427.6049,
510.1312, 495.7313

 46.6411, 63.4680,
54.7788


 109.2066,
139.7415, 127.4761

 32.9588, 46.2199,
38.8273


138.4525,
174.6237, 161.3846

 22.2540, 32.4194,
26.3186


172.5027,
214.8755, 200.8286

 14.1613, 21.6820,
16.8342

211.7224,
260.8812, 246.2268

 8.3154, 13.6234,
9.9557

256.4772,
313.0253, 297.9976

 4.3509, 7.8592,
5.2643

307.1323,

 1.9025, 4.0050,

371.6920, 356.5596

2.3417

364.0531,
437.2659, 422.3313

■ 0.5783, 1.6764,
0.7545

■ 0.0000, 0.4083,
0.0000

■ 63.6663, 84.5480,
74.5918

■ 63.6663, 84.5480,
74.5918

■ 57.2069, 81.3974,
66.1862

■ 71.3213, 88.2999,
83.7333

■ 51.8755, 78.8137,
58.4934

■ 80.2301, 92.6828,
93.6245

■ 47.6006, 76.7604,
51.4950

■ 90.4496, 97.7258,
104.2843

■ 44.3012, 75.1960,
45.1702

95.0500, 100.0000,
108.9000

■ 41.8836, 74.0728,
39.4969

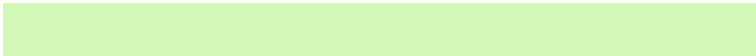
■ 40.2339, 73.3323,
34.4511

■ 39.5283, 73.0273,
31.7636

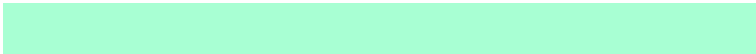
Harmonies

Analogous

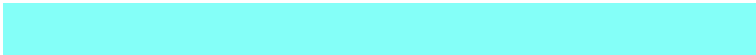
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.6525, 84.5480, 56.1350



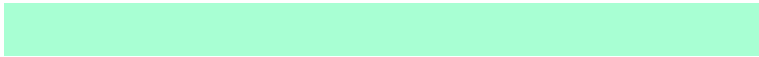
63.6663, 84.5480, 74.5918



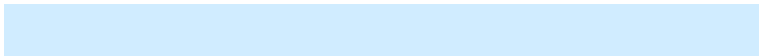
62.9385, 84.5480, 101.9789

Triad

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



63.6663, 84.5480, 74.5918



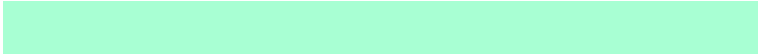
83.7535, 84.5480, 157.3190



95.9286, 84.5480, 61.0744

Complementary

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



63.6663, 84.5480, 74.5918



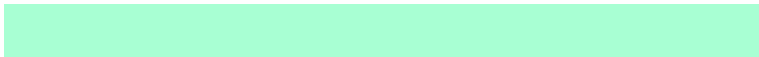
67.1267, 54.0195, 69.1763

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.



100.7327, 84.5480, 82.8031



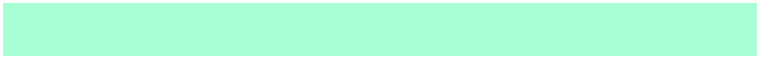
63.6663, 84.5480, 74.5918



93.3289, 84.5480, 140.7453

Square

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



63.6663, 84.5480, 74.5918



74.0045, 84.5480, 153.8515



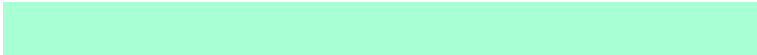
99.7439, 84.5480, 112.0587



87.0701, 84.5480, 49.5214

Rectangle

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



63.6663, 84.5480, 74.5918



64.8973, 84.5480, 122.3616



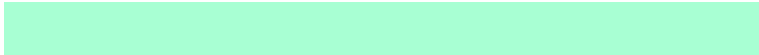
99.7439, 84.5480, 112.0587



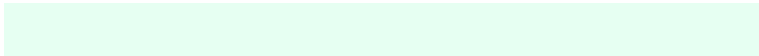
98.1030, 84.5480, 67.2233

Sweetspot

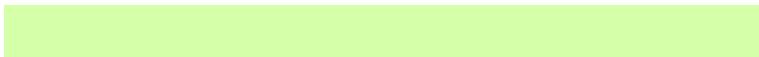
The Sweet Spot groups the original color and five complimentary colors.



63.6670, 84.5483, 74.5932



84.2755, 94.6774, 97.9189



70.2545, 88.4860, 50.4235



17.7374, 20.1164, 20.6417



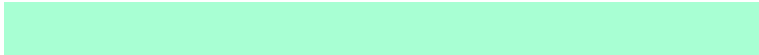
0.0000, 0.0000, 0.0000



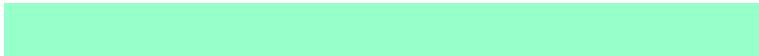
20.3446, 21.4041, 23.3091

Same Dimension

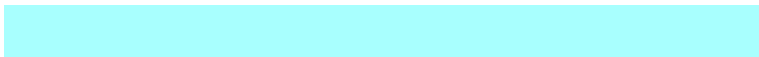
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.6670, 84.5483, 74.5932



59.0962, 82.3170, 68.7290



69.7263, 86.9720, 106.5009



18.1459, 20.3179, 21.0712



20.7295, 38.1884, 16.9928



2.0734, 3.7403, 1.9445

Inverse Universe

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



67.1267, 54.0195, 69.1763



63.0365, 47.5439, 62.5575



62.4470, 52.1476, 44.5332



18.3927, 18.1404, 20.6850



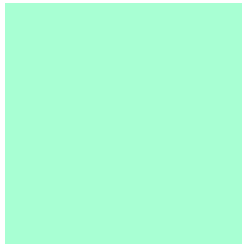
23.6935, 11.9667, 12.3025



2.3621, 1.1872, 1.4884

Previews

White Background



This preview shows how the XYZ color 63.6663, 84.5480, 74.5918 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 63.6663, 84.5480, 74.5918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

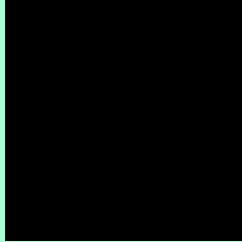
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

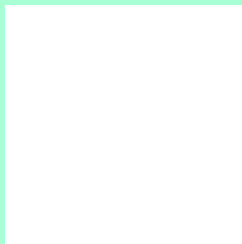
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6663, 84.5480, 74.5918

Background



This preview shows how black text looks on a background with the XYZ color 63.6663, 84.5480, 74.5918.



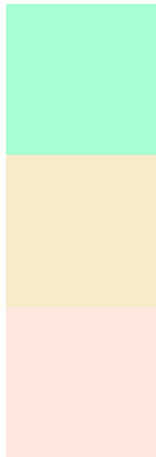
This preview shows how white text looks on a background with the XYZ color 63.6663, 84.5480,

74.5918.

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

63.6663, 84.5480, 74.5918

Protanopia

78.9623, 83.5902, 67.2311

Deuteranopia

83.2705, 83.7936, 82.3060



Tritanopia

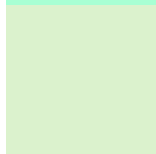
75.2774, 84.3003, 106.9118

Trichromacy



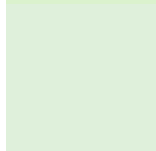
Original Color

63.6663, 84.5480, 74.5918



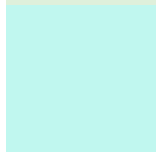
Protanomaly

71.9850, 82.9721, 69.9788



Deuteranomaly

74.3777, 83.1226, 79.1420



Tritanomaly

70.5790, 83.9600, 94.1473

Monochromacy



Original Color

63.6663, 84.5480, 74.5918



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

67.3964, 77.3685, 78.3993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6663, 84.5480, 74.5918 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(168, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(168, 255, 211)  
}
```

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(168, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 255, 211) }
```

Border

The CSS property to change the border of an element to XYZ 63.6663, 84.5480, 74.5918 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(168, 255, 211) }
```


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

```
.border{ border-color:rgb(168, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(168, 255,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6663, 84.5480, 74.5918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 255, 211) }
```

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

```
.background{ background-color: rgb(168,  
255, 211) }
```

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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