

Converting Colors

XYZ(69.4264, 84.5902, 98.9751)

Have a look what the booklet for
XYZ(69.4264, 84.5902, 98.9751)
contains.

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Color

**XYZ(69.4894, 84.6671,
99.0661)**

Conversions

| Conversions Part 1 | |
|--------------------|------------------------------|
| Format | Color |
| Hex | B4FAF5 |
| RGB | 180, 250, 245 |
| RGB Percent | 71%, 98%, 96% |
| CMY | 0.2941, 0.0196, 0.0392 |
| CMYK | 0.28, 0.00, 0.02, 0.02 |
| HSL | 176°, 88%, 84% |
| HSV | 176°, 28%, 98% |
| XYZ | 69.4894, 84.6671, 99.0661 |
| YIQ | 228.5000, -40.1150, -16.3950 |

Conversions

Conversions Part 2

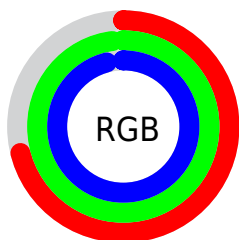
| Format | Color |
|-------------------------------------|--|
| RYB | 180, 216, 250 |
| Decimal | 11860725 |
| CIELab | 93.74, -22.58, -4.59 |
| CIELCh | 94, 23.045, 191.497 |
| Yxy | 84.6671, 0.2744, 0.3344 |
| Android (android.graphics.Color) | 4290050805 (0xFFB4FAF5) |
| YUV | 228.5000, 8.1345, -42.5345 |
| Hunter-Lab | 92.0147, -26.2228, 0.5767 |

Details

The XYZ color **69.4894, 84.6671, 99.0661** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.5055, 56.4716, 53.4025**, and the grayscale version is **74.0742, 77.9319, 84.8678**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **36.7127, 46.1740, 55.1216** is the 20% darker color. If you saturate the color by 10%, you get **63.9153, 81.8271, 97.3898**, and if you desaturate by 10%, it is **76.1207, 88.0562, 100.8092**.

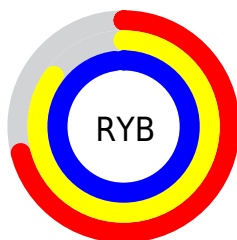
Distribution



Red (71%)

Green (98%)

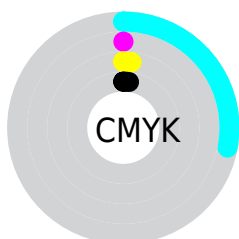
Blue (96%)



Red (71%)

Yellow (85%)

Blue (98%)

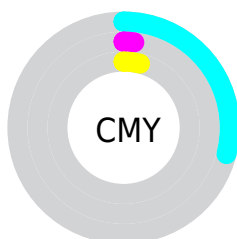


Cyan (28%)

Magenta (0%)

Yellow (2%)

Black (2%)



Cyan (29%)

Magenta (2%)


Yellow (4%)


Brightness & Saturation

Gradients


These gradients show how the XYZ color 69.4894, 84.6671, 99.0661 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 69.4894, 84.6671, 99.0661 by changing the saturation by 10% instead.


 69.4894, 84.6671,
99.0661

 69.4894, 84.6671,
99.0661


448.0496,
510.5259, 578.4154

 51.3885, 63.5664,
74.9083


 117.5106,
139.9080, 161.9139

 36.7402, 46.2995,
55.0365


148.1615,
174.8169, 201.4409

 25.1791, 32.4823,
39.0321


183.7265,
215.0973, 246.9281

 16.3400, 21.7301,
26.4767

224.5709,
261.1336, 298.7940

 9.8574, 13.6587,
16.9516

271.0600,
313.3103, 357.4571

 5.3661, 7.8837,
10.0384

323.5593,


 2.5006, 4.0206,


372.0116, 423.3361


5.3185


382.4340,
437.6220, 496.8493


 0.8955, 1.6851,
2.3733


 0.0000, 0.4140,
0.7719


 69.4894, 84.6671,
99.0661


 69.4894, 84.6671,
99.0661


 63.9153, 81.8271,
97.3898


 76.1207, 88.0562,
100.8092


 59.3345, 79.4967,
95.7719


 83.8542, 92.0109,
102.6159


 55.6879, 77.6475,
94.2114


 92.7393, 96.5591,
104.4904


 52.9067, 76.2442,
92.7051


 93.0214, 96.6719,
105.9760


 50.9128, 75.2465,
91.2492

 93.3062, 96.7858,
107.4757

 49.6142, 74.6069,
89.8393

 93.4771, 96.8542,
108.3757

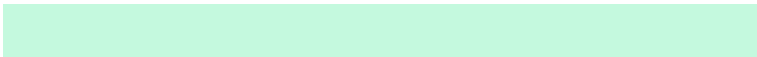
 48.8855, 74.2608,
88.4697

 48.7720, 74.2082,
88.1990

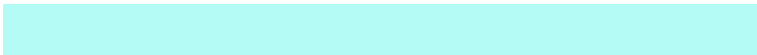
Harmonies

Analogous

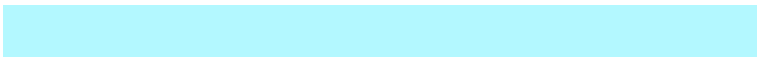
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.8273, 84.6671, 81.9059



69.4894, 84.6671, 99.0661



71.9817, 84.6671, 116.3561

Triad

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



69.4894, 84.6671, 99.0661



88.5208, 84.6671, 119.7890



84.2642, 84.6671, 63.7924

Complementary

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



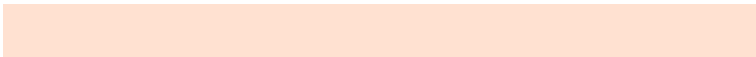
69.4894, 84.6671, 99.0661



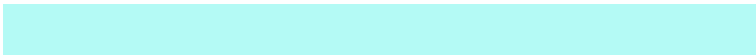
64.5055, 56.4716, 53.4025

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.



89.6083, 84.6671, 71.6222



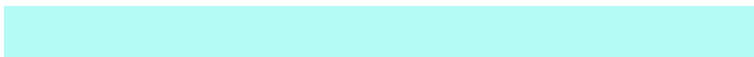
69.4894, 84.6671, 99.0661



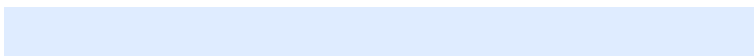
92.1504, 84.6671, 103.2966

Square

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



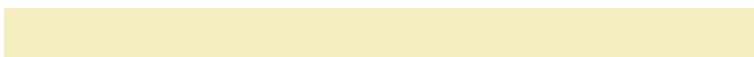
69.4894, 84.6671, 99.0661



82.8406, 84.6671, 129.2930



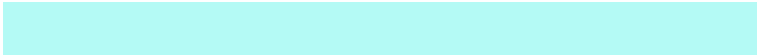
92.5582, 84.6671, 85.6360



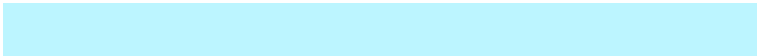
78.1520, 84.6671, 62.9625

Rectangle

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



69.4894, 84.6671, 99.0661



74.9903, 84.6671, 125.0710



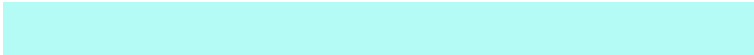
92.5582, 84.6671, 85.6360



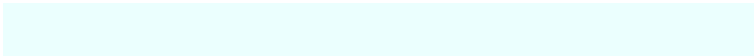
86.2178, 84.6671, 65.6419

Sweetspot

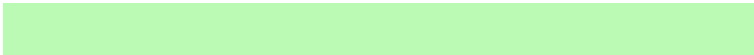
The Sweet Spot groups the original color and five complimentary colors.



69.4919, 84.6705, 99.0680



87.7051, 96.2406, 107.3356



62.6356, 82.0882, 55.7249



18.4955, 20.4577, 22.9124



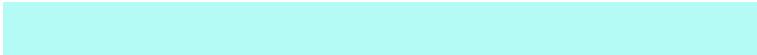
0.0000, 0.0000, 0.0000



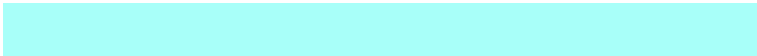
20.3446, 21.4041, 23.3091

Same Dimension

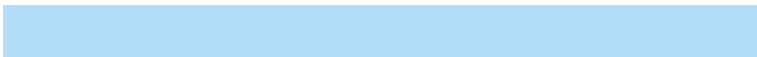
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4919, 84.6705, 99.0680



69.0406, 86.7051, 102.5589



61.8927, 68.2331, 100.3546



17.7091, 19.5859, 21.9348



25.8920, 39.3698, 46.9020



2.4136, 3.6526, 4.4260

Inverse Universe

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



64.5055, 56.4716, 53.4025



62.9866, 52.4516, 47.1030



70.5069, 69.3049, 52.8426



17.2949, 17.2453, 18.1428



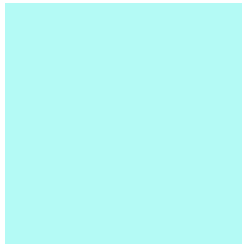
20.9877, 10.8108, 1.3779



1.9608, 1.0080, 0.2168

Previews

White Background



This preview shows how the XYZ color 69.4894, 84.6671, 99.0661 looks on a white background.

Color Contrast Check

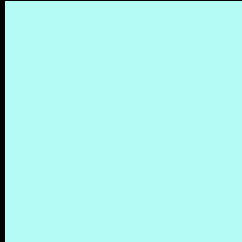
Large Text (above 18pt) WCAG AA × Fail

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 69.4894, 84.6671, 99.0661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

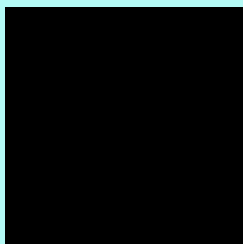
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

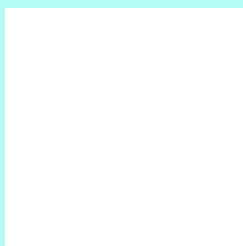
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4894, 84.6671, 99.0661

Background



This preview shows how black text looks on a background with the XYZ color 69.4894, 84.6671, 99.0661.

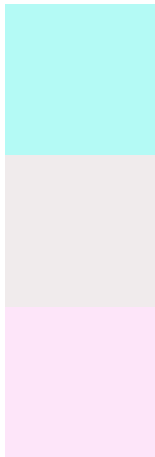


This preview shows how white text looks on a background with the XYZ color 69.4894, 84.6671,

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

69.4894, 84.6671, 99.0661

Protanopia

80.7838, 83.9981, 91.3124

Deuteranopia

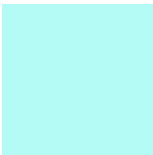
85.6262, 83.7608, 101.2770



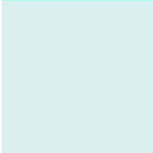
Tritanopia

75.8327, 84.5866, 106.9378

Trichromacy



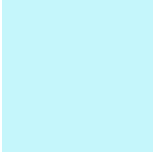
Original Color
69.4894, 84.6671, 99.0661



Protanomaly
75.6535, 83.4576, 93.7829

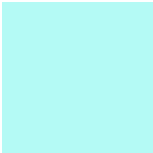


Deuteranomaly
78.5915, 83.5144, 100.7846

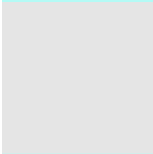


Tritanomaly
73.3943, 84.7469, 103.7563

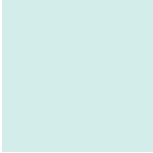
Monochromacy



Original Color
69.4894, 84.6671, 99.0661



Achromatopsia
74.4753, 78.3538, 85.3273



Achromatomaly
72.1436, 80.4154, 90.3166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4894, 84.6671, 99.0661 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(180, 250, 245) looks like.

```
.text, #text, p{  
    color:rgb(180, 250, 245)  
}
```

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(180, 250, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 250, 245) }
```

Border

The CSS property to change the border of an element to XYZ 69.4894, 84.6671, 99.0661 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(180, 250, 245) }
```


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

```
.border{ border-color:rgb(180, 250, 245) }
```

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

Here you see how a box with a 4 pixel rgb(180, 250, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 250, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 250, 245);  
box-shadow:4px 4px 4px 4px rgb(180, 250,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4894, 84.6671, 99.0661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 250, 245) }
```

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

```
.background{ background-color: rgb(180,  
250, 245) }
```

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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