

Converting Colors

XYZ(68.9887, 83.4597, 97.1722)

Have a look what the booklet for
XYZ(68.9887, 83.4597, 97.1722)
contains.

XYZ(69.0365, 83.5510, 97.2824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.0365, 83.5510,
97.2824)**

Conversions

Conversions Part 1

Format	Color
Hex	B6F8F3
RGB	182, 248, 243
RGB Percent	71%, 97%, 95%
CMY	0.2863, 0.0274, 0.0471
CMYK	0.27, 0.00, 0.02, 0.03
HSL	175°, 83%, 84%
HSV	175°, 27%, 97%
XYZ	69.0365, 83.5510, 97.2824
YIQ	227.6960, -37.7310, -15.5470

Conversions

Conversions Part 2

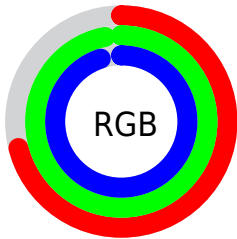
Format	Color
R_{YB}	182, 216, 248
Decimal	11991283
CIE _{Lab}	93.26, -21.48, -4.26
CIE _{LCh}	93, 21.893, 191.215
Yxy	83.5510, 0.2763, 0.3344
Android (android.graphics.Color)	4290181363 (0xFFB6F8F3)
YUV	227.6960, 7.5449, -40.0754
Hunter-Lab	91.4062, -25.1450, 0.8828

Details

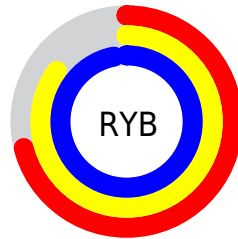
The XYZ color **69.0365, 83.5510, 97.2824** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.4120, 57.0026, 54.6248**, and the grayscale version is **73.4891, 77.3162, 84.1974**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **36.3528, 45.3615, 53.8534** is the 20% darker color. If you saturate the color by 10%, you get **63.4085, 80.6844, 95.5462**, and if you desaturate by 10%, it is **75.7095, 86.9602, 99.0862**.

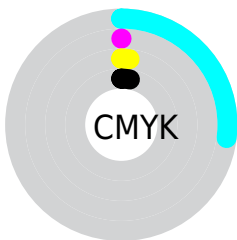
Distribution



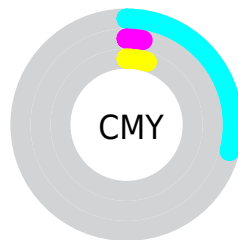
- Red (71%)
- Green (97%)
- Blue (95%)



- Red (71%)
- Yellow (85%)
- Blue (97%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (29%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0365, 83.5510, 97.2824 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 69.0365, 83.5510, 97.2824 by changing the saturation by 10% instead.

69.0365, 83.5510,
97.2824

69.0365, 83.5510,
97.2824

446.4791,
506.8210, 572.6162

51.0182, 62.6448,
73.4287

116.8675,
138.3469, 159.4367

36.4442, 45.5539,
53.8326

147.4109,
173.0054, 198.5744

24.9491, 31.8940,
38.0756

182.8600,
213.0168, 243.6438

16.1677, 21.2805,
25.7391

223.5802,
258.7655, 295.0636

9.7345, 13.3292,
16.4045

269.9369,
310.6359, 353.2521

5.2842, 7.6556,
9.6534

322.2953,

2.4514, 3.8754,

369.0123, 418.6281

5.0672

381.0209,
434.2792, 491.6099

■ 0.8708, 1.6041,
2.2273

■ 0.0000, 0.3604,
0.6901

■ 69.0365, 83.5510,
97.2824

■ 69.0365, 83.5510,
97.2824

■ 63.4085, 80.6844,
95.5462

■ 75.7095, 86.9602,
99.0862

■ 58.7634, 78.3221,
93.8694

■ 83.4709, 90.9281,
100.9544

■ 55.0439, 76.4366,
92.2510

■ 91.8519, 95.2150,
102.8669

■ 52.1838, 74.9938,
90.6878

■ 92.1461, 95.3327,
104.4162

50.1080, 73.9550,
89.1764

92.4433, 95.4515,
105.9810

48.7286, 73.2748,
87.7125

92.7434, 95.5716,
107.5613

47.9348, 72.8963,
86.2909

92.8589, 95.6178,
108.1696

47.7405, 72.8064,
85.8163

Harmonies

Analogous

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



69.3818, 83.5510, 81.1359



69.0365, 83.5510, 97.2824



71.3691, 83.5510, 113.5137

Triad

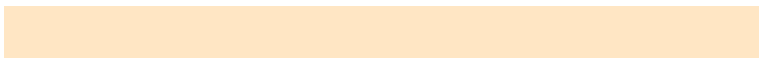
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0365, 83.5510, 97.2824



86.9361, 83.5510, 116.9808



83.0330, 83.5510, 64.1259

Complementary

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



69.0365, 83.5510, 97.2824



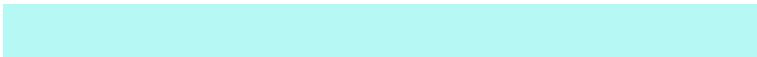
64.4120, 57.0026, 54.6248

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.



88.0391, 83.5510, 71.6329



69.0365, 83.5510, 97.2824



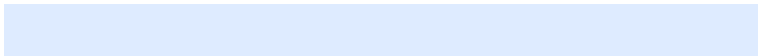
90.3666, 83.5510, 101.5743

Square

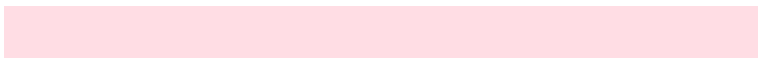
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.0365, 83.5510, 97.2824



81.5863, 83.5510, 125.7688



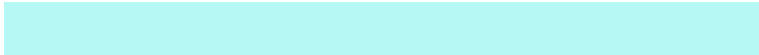
90.7798, 83.5510, 84.9422



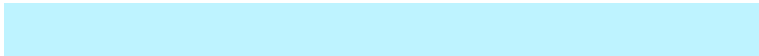
77.2781, 83.5510, 63.2712

Rectangle

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



69.0365, 83.5510, 97.2824



74.1980, 83.5510, 121.7009



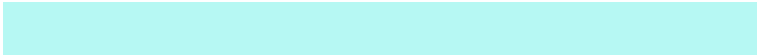
90.7798, 83.5510, 84.9422



84.8662, 83.5510, 65.9084

Sweetspot

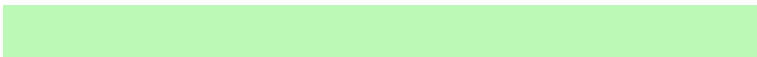
The Sweet Spot groups the original color and five complimentary colors.



69.0389, 83.5544, 97.2843



87.6910, 96.2350, 107.2613



62.6295, 81.1437, 56.6189



18.4919, 20.4563, 22.8935



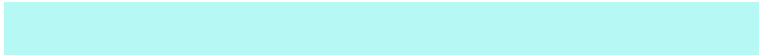
0.0000, 0.0000, 0.0000



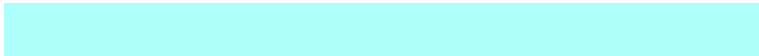
20.3446, 21.4041, 23.3091

Same Dimension

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



69.0389, 83.5544, 97.2843



70.1521, 87.2779, 102.6199



61.9618, 68.1744, 98.7041



17.7057, 19.5846, 21.9167



25.8118, 39.3377, 46.4798



2.4070, 3.6499, 4.3914

Inverse Universe

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



64.4120, 57.0026, 54.6248



64.4564, 54.5792, 50.0965



70.0812, 69.1834, 53.9176



17.2980, 17.2466, 18.1590



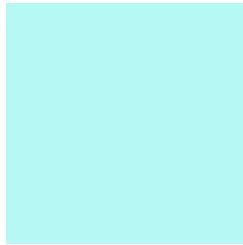
20.9933, 10.8130, 1.4070



1.9622, 1.0086, 0.2245

Previews

White Background



This preview shows how the XYZ color 69.0365, 83.5510, 97.2824 looks on a white background.

Color Contrast Check

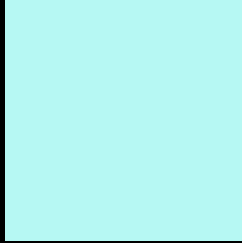
Large Text (above 18pt) WCAG AA × Fail

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 69.0365, 83.5510, 97.2824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

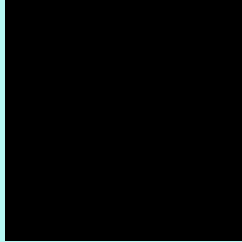
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0365, 83.5510, 97.2824

Background



This preview shows how black text looks on a background with the XYZ color 69.0365, 83.5510, 97.2824.



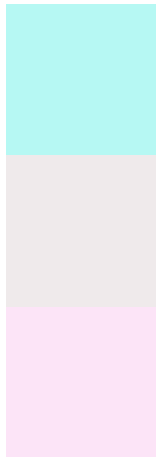
This preview shows how white text looks on a background with the XYZ color 69.0365, 83.5510,

97.2824.

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

69.0365, 83.5510, 97.2824

Protanopia

80.0148, 83.1945, 90.4382

Deuteranopia

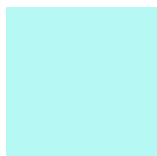
84.6768, 82.8977, 99.5336



Tritanopia

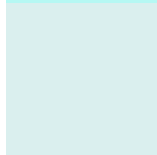
74.7040, 83.5616, 106.7994

Trichromacy



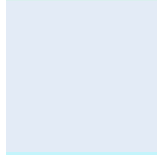
Original Color

69.0365, 83.5510, 97.2824



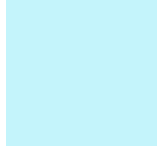
Protanomaly

75.2126, 82.8115, 92.9090



Deuteranomaly

78.0214, 82.4014, 98.9817



Tritanomaly

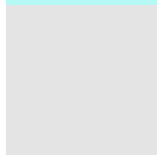
72.5282, 83.4022, 103.5424

Monochromacy



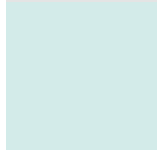
Original Color

69.0365, 83.5510, 97.2824



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

71.2803, 79.1487, 88.6112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0365, 83.5510, 97.2824 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(182, 248, 243)` looks like.

```
.text, #text, p{  
    color:rgb(182, 248, 243)  
}
```

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(182, 248, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 248, 243) }
```

Border

The CSS property to change the border of an element to XYZ 69.0365, 83.5510, 97.2824 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(182, 248, 243) }
```


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

```
.border{ border-color:rgb(182, 248, 243) }
```

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

Here you see how a box with a 4 pixel rgb(182, 248, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 248, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 248, 243);  
box-shadow:4px 4px 4px 4px rgb(182, 248,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0365, 83.5510, 97.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 248, 243) }
```

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

```
.background{ background-color: rgb(182,  
248, 243) }
```

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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