

Converting Colors

XYZ(69.8373, 83.4778, 78.0777)

Have a look what the booklet for
XYZ(69.8373, 83.4778, 78.0777)
contains.

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Color

**XYZ(69.8373, 83.4778,
78.0777)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF6D9
RGB	202, 246, 217
RGB Percent	79%, 96%, 85%
CMY	0.2078, 0.0353, 0.1490
CMYK	0.18, 0.00, 0.12, 0.04
HSL	140°, 71%, 88%
HSV	140°, 18%, 96%
XYZ	69.8373, 83.4778, 78.0777
YIQ	229.5380, -16.9150, -18.3470

Conversions

Conversions Part 2

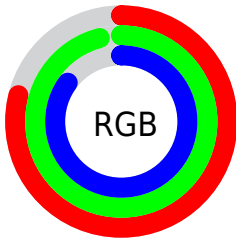
Format	Color
R_{YB}	202, 235, 246
Decimal	13301465
CIE _{Lab}	93.22, -19.61, 9.30
CIE _{LCh}	93, 21.701, 154.618
Yxy	83.4778, 0.3018, 0.3608
Android (android.graphics.Color)	4291491545 (0xFFCAF6D9)
YUV	229.5380, -6.1812, -24.1508
Hunter-Lab	91.3662, -23.4513, 13.2896

Details

The XYZ color **69.8373, 83.4778, 78.0777** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.5533, 67.6055, 84.7775**, and the grayscale version is **74.9275, 78.8296, 85.8454**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9677, 45.6386, 41.0431** is the 20% darker color. If you saturate the color by 10%, you get **61.6980, 79.5160, 67.2236**, and if you desaturate by 10%, it is **79.2495, 88.0765, 90.0766**.

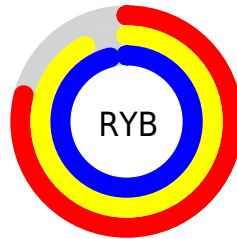
Distribution



Red (79%)

Green (96%)

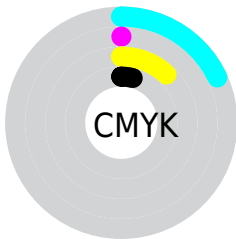
Blue (85%)



Red (79%)

Yellow (92%)

Blue (96%)

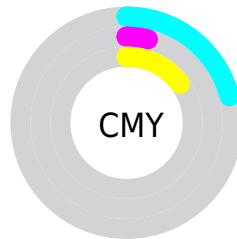


Cyan (18%)

Magenta (0%)

Yellow (12%)

Black (4%)



Cyan (21%)

Magenta (4%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8373, 83.4778, 78.0777 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 69.8373, 83.4778, 78.0777 by changing the saturation by 10% instead.

69.8373, 83.4778,
78.0777

69.8373, 83.4778,
78.0777

449.2539,
506.5775, 507.9656

51.6730, 62.5844,
57.6210

118.0042,
138.2445, 132.4465

36.9677, 45.5051,
41.0913

148.7376,
172.8865, 167.1957

25.3561, 31.8554,
28.0702

184.3914,
212.8802, 207.5461

16.4727, 21.2511,
18.1391

225.3309,
258.6100, 253.9163

9.9522, 13.3077,
10.8794

271.9216,
310.4602, 306.7248

5.4293, 7.6408,
5.8727

324.5287,

2.5386, 3.8659,

368.8153, 366.3901

2.7003

383.5177,
434.0596, 433.3309

0.9148, 1.5989,
0.9436

0.0000, 0.3568,
0.0000

69.8373, 83.4778,
78.0777

69.8373, 83.4778,
78.0777

61.6980, 79.5160,
67.2236

79.2495, 88.0765,
90.0766

54.7686, 76.1523,
57.4752

89.9803, 93.3281,
103.2471

48.9909, 73.3599,
48.7988

92.2473, 94.3946,
107.9658

44.2992, 71.1055,
41.1575

■ 40.6206, 69.3524,
34.5116

■ 37.8730, 68.0591,
28.8193

■ 35.9602, 67.1770,
24.0351

■ 34.7544, 66.6410,
20.1094

■ 34.5521, 66.5525,
19.3836

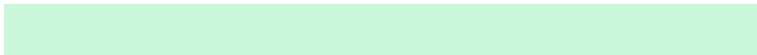
Harmonies

Analogous

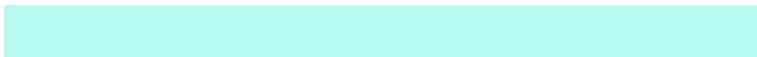
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2717, 83.4778, 67.4079



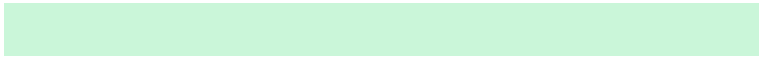
69.8373, 83.4778, 78.0777



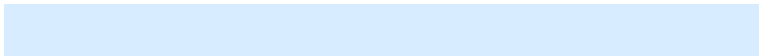
68.9014, 83.4778, 93.4464

Triad

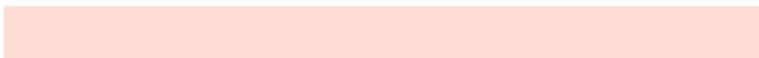
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.8373, 83.4778, 78.0777



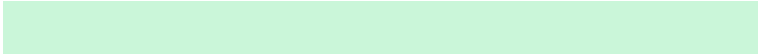
80.2297, 83.4778, 125.9500



88.7197, 83.4778, 74.1848

Complementary

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



69.8373, 83.4778, 78.0777



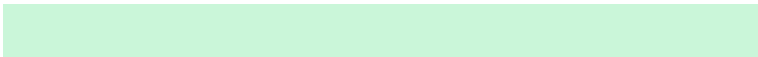
73.5533, 67.6055, 84.7775

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.



90.7898, 83.4778, 88.3868



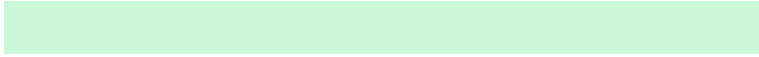
69.8373, 83.4778, 78.0777



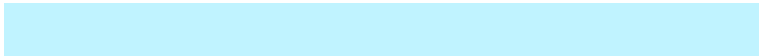
85.7410, 83.4778, 119.2834

Square

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



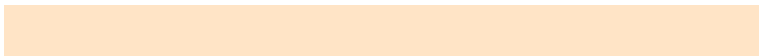
69.8373, 83.4778, 78.0777



74.7322, 83.4778, 122.3415



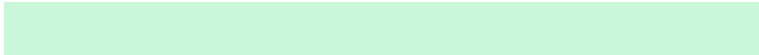
89.6747, 83.4778, 105.0393



84.1400, 83.4778, 65.3564

Rectangle

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



69.8373, 83.4778, 78.0777



69.7805, 83.4778, 104.6212



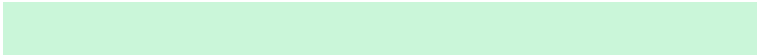
89.6747, 83.4778, 105.0393



89.7418, 83.4778, 78.4217

Sweetspot

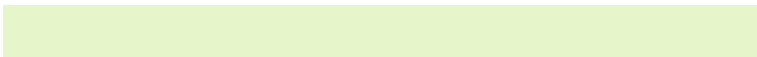
The Sweet Spot groups the original color and five complimentary colors.



69.8396, 83.4813, 78.0796



89.1901, 97.1320, 101.7169



76.6822, 87.2241, 68.6727



18.9203, 20.7071, 21.5611



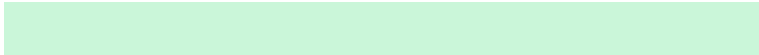
0.0000, 0.0000, 0.0000



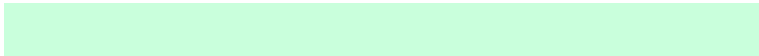
20.3446, 21.4041, 23.3091

Same Dimension

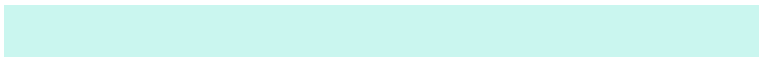
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.8396, 83.4813, 78.0796



72.8477, 89.1516, 80.8736



72.8464, 84.6840, 93.9132



16.5153, 18.5653, 18.7320



18.5005, 35.5450, 10.6555



1.6722, 3.1426, 1.1799

Inverse Universe

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



73.5533, 67.6055, 84.7775



77.4806, 69.3430, 89.2269



70.6791, 66.4558, 69.6419



16.9596, 16.6667, 19.5337



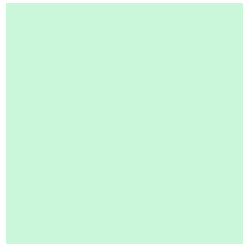
23.8422, 11.8803, 19.6752



2.1435, 1.0634, 1.9821

Previews

White Background



This preview shows how the XYZ color 69.8373, 83.4778, 78.0777 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 69.8373, 83.4778, 78.0777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

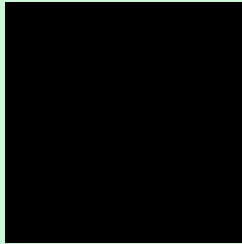
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

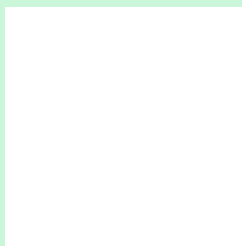
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8373, 83.4778, 78.0777

Background



This preview shows how black text looks on a background with the XYZ color 69.8373, 83.4778, 78.0777.



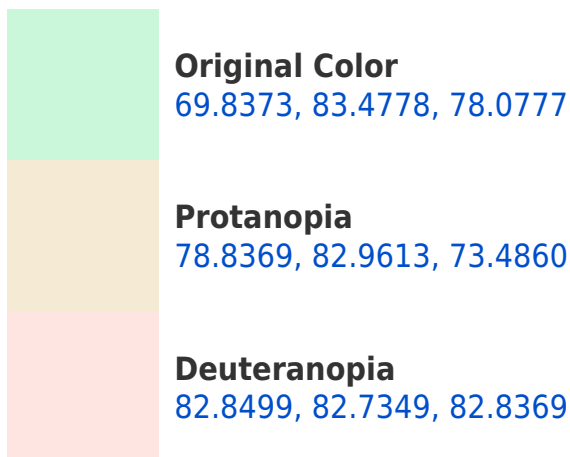
This preview shows how white text looks on a background with the XYZ color 69.8373, 83.4778,

78.0777.

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





Tritanopia

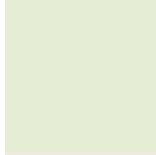
76.6481, 83.2491, 106.6366

Trichromacy



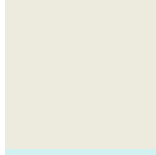
Original Color

69.8373, 83.4778, 78.0777



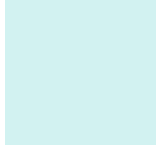
Protanomaly

74.8979, 82.6112, 74.9488



Deuteranomaly

77.4852, 82.5235, 80.9520



Tritanomaly

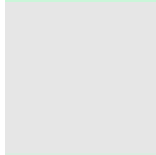
74.2077, 83.5568, 95.4360

Monochromacy



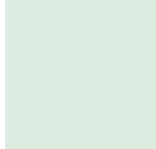
Original Color

69.8373, 83.4778, 78.0777



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

73.1013, 80.6428, 82.9469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8373, 83.4778, 78.0777 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(202, 246, 217)` looks like.

```
.text, #text, p{  
    color:rgb(202, 246, 217)  
}
```

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(202, 246, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 246, 217) }
```

Border

The CSS property to change the border of an element to XYZ 69.8373, 83.4778, 78.0777 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(202, 246, 217) }
```


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

```
.border{ border-color:rgb(202, 246, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 246, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 246, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 246, 217);  
box-shadow:4px 4px 4px 4px rgb(202, 246,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8373, 83.4778, 78.0777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 246, 217) }
```

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

```
.background{ background-color: rgb(202,  
246, 217) }
```

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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