

# Converting Colors

XYZ(73.1401, 86.0680, 79.3637)

Have a look what the booklet for  
XYZ(73.1401, 86.0680, 79.3637)  
contains.

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# Color

**XYZ(73.0863, 86.0456,  
79.0861)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | D3F8DA                       |
| RGB         | 211, 248, 218                |
| RGB Percent | 83%, 97%, 85%                |
| CMY         | 0.1725, 0.0274, 0.1451       |
| CMYK        | 0.15, 0.00, 0.12, 0.03       |
| HSL         | 131°, 73%, 90%               |
| HSV         | 131°, 15%, 97%               |
| XYZ         | 73.0863, 86.0456, 79.0861    |
| YIQ         | 233.5170, -12.4220, -17.1740 |

# Conversions

## Conversions Part 2

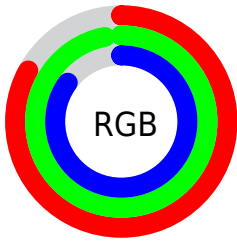
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 211, 242, 248                  |
| Decimal                             | 13891802                       |
| CIE Lab                             | 94.33, -17.49, 10.45           |
| CIE LCh                             | 94, 20.376, 149.157            |
| Yxy                                 | 86.0456, 0.3068,<br>0.3612     |
| Android<br>(android.graphics.Color) | 4292081882<br>(0xFFD3F8DA)     |
| YUV                                 | 233.5170, -7.6499,<br>-19.7474 |
| Hunter-Lab                          | 92.7608, -21.6910,<br>14.3830  |

# Details

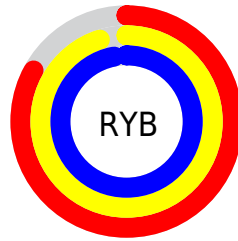
The XYZ color **73.0863, 86.0456, 79.0861** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.8859, 72.8980, 93.1888**, and the grayscale version is **77.9063, 81.9635, 89.2583**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1708, 47.4115, 41.7372** is the 20% darker color. If you saturate the color by 10%, you get **64.0484, 81.6747, 65.7505**, and if you desaturate by 10%, it is **83.5444, 91.1167, 94.1583**.

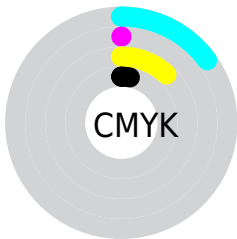
# Distribution



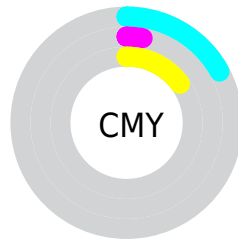
- Red (83%)
- Green (97%)
- Blue (85%)



- Red (83%)
- Yellow (95%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (3%)




- Cyan (17%)
- Magenta (3%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0863, 86.0456, 79.0861 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 73.0863, 86.0456, 79.0861 by changing the saturation by 10% instead.




 73.0863, 86.0456,  
79.0861

 73.0863, 86.0456,  
79.0861


460.4130,  
515.0816, 511.4729

 54.3352, 64.7057,  
58.4449


122.6022,  
141.8331, 133.8798

 39.1014, 47.2225,  
41.7493


154.0976,  
177.0495, 168.8694

 27.0197, 33.2116,  
28.5810


190.5719,  
217.6602, 209.4788

 17.7247, 22.2886,  
18.5212

232.3904,  
264.0495, 256.1267

 10.8510, 14.0691,  
11.1515

279.9184,  
316.6019, 309.2315

 6.0333, 8.1687,  
6.0534

333.5212,

 2.9062, 4.2031,

375.7018, 369.2117

2.8083

393.5643,  
441.7336, 436.4860

■ 1.1043, 1.7878,  
0.9976

■ 0.0287, 0.4796,  
0.0000

■ 73.0863, 86.0456,  
79.0861

■ 73.0863, 86.0456,  
79.0861

■ 64.0484, 81.6747,  
65.7505

■ 83.5444, 91.1167,  
94.1583

■ 56.3621, 77.9625,  
54.0836

■ 92.8590, 95.6180,  
108.1697

■ 49.9638, 74.8801,  
44.0214

■ 44.7818, 72.3921,  
35.4933

■ 40.7373, 70.4594,  
28.4240

■ 37.7421, 69.0382,  
22.7312

■ 35.6944, 68.0780,  
18.3247

■ 34.4709, 67.5173,  
15.1034

■ 34.0804, 67.3426,  
13.8827

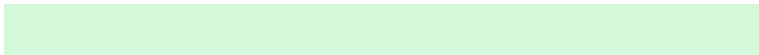
# Harmonies

## Analogous

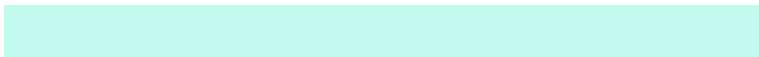
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7684, 86.0456, 69.7805



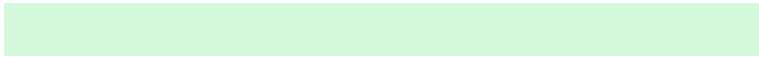
73.0863, 86.0456, 79.0861



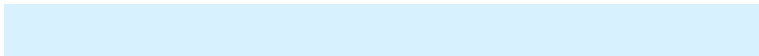
71.7167, 86.0456, 93.2466

# Triad

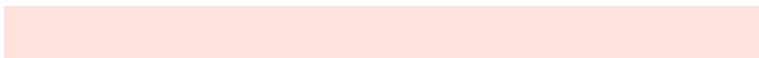
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0863, 86.0456, 79.0861



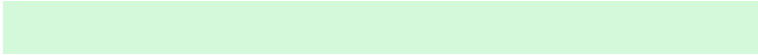
81.6291, 86.0456, 127.1307



91.3116, 86.0456, 79.7736

# Complementary

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



73.0863, 86.0456, 79.0861



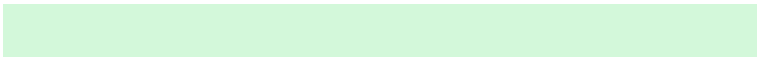
77.8859, 72.8980, 93.1888

# 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.



92.7514, 86.0456, 94.1328



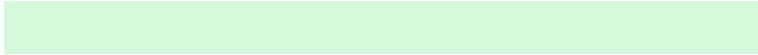
73.0863, 86.0456, 79.0861



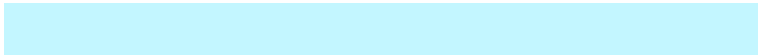
87.0129, 86.0456, 122.5162

# Square

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



73.0863, 86.0456, 79.0861



76.5118, 86.0456, 121.9870



91.1452, 86.0456, 109.9872

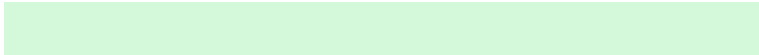


87.2925, 86.0456, 70.1452

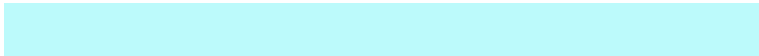


# Rectangle

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



73.0863, 86.0456, 79.0861



72.2502, 86.0456, 103.9197



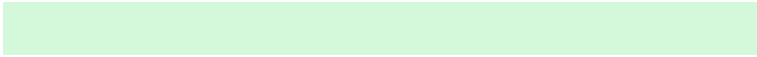
91.1452, 86.0456, 109.9872



92.1211, 86.0456, 84.1529

# Sweetspot

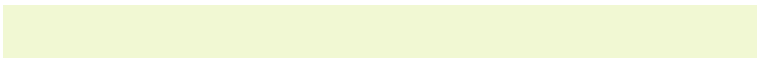
The Sweet Spot groups the original color and five complimentary colors.



73.0887, 86.0492, 79.0880



90.0932, 97.5952, 101.8664



81.6783, 90.5810, 74.8082



19.0902, 20.7956, 21.5278



0.0000, 0.0000, 0.0000

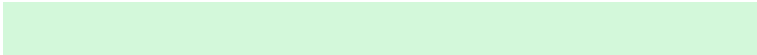


20.3446, 21.4041, 23.3091

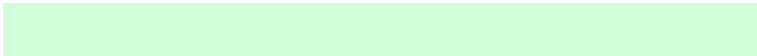


# Same Dimension

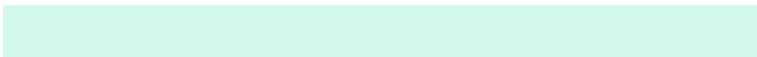
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0887, 86.0492, 79.0880



74.7093, 90.1405, 79.6422



75.6157, 87.0600, 92.3950



17.1515, 19.3629, 18.9985



18.4470, 36.3918, 7.6970



1.7432, 3.3844, 0.8958



# Inverse Universe

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



77.8859, 72.8980, 93.1888



80.7483, 73.5833, 97.3911



75.2895, 71.8595, 79.5161



17.8440, 17.4649, 21.0340



26.6619, 13.0805, 31.2577



2.5044, 1.2255, 3.0796



# Previews

## White Background



This preview shows how the XYZ color 73.0863, 86.0456, 79.0861 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

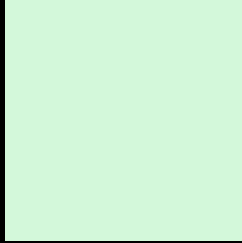
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.0863, 86.0456, 79.0861 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

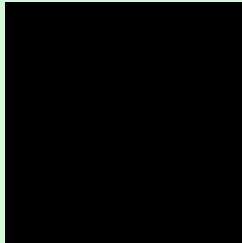
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

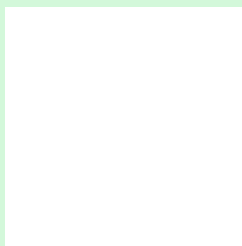
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 73.0863, 86.0456, 79.0861**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.0863, 86.0456, 79.0861.



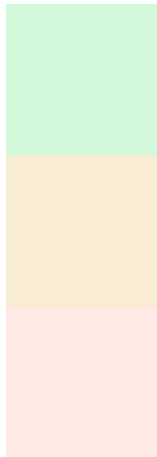
This preview shows how white text looks on a background with the XYZ color 73.0863, 86.0456, 79.0861.

79.0861.

# 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

73.0863, 86.0456, 79.0861

### Protanopia

80.8793, 85.2783, 74.4849

### Deuteranopia

84.8057, 85.7628, 86.2129



## Tritanopia

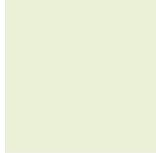
80.2458, 85.9779, 106.9737

# Trichromacy



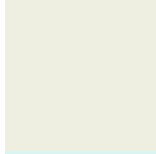
## Original Color

73.0863, 86.0456, 79.0861



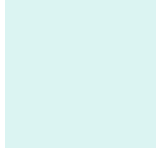
## Protanomaly

77.8538, 85.4278, 76.0042



## Deuteranomaly

80.0537, 85.5200, 83.5219



## Tritanomaly

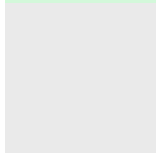
77.5911, 86.1722, 96.5478

# Monochromacy



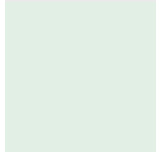
## Original Color

73.0863, 86.0456, 79.0861



## Achromatopsia

78.2058, 82.2786, 89.6014



## Achromatomaly

76.2341, 83.5032, 85.4985

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.0863, 86.0456, 79.0861 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(211, 248, 218) looks like.

```
.text, #text, p{  
    color:rgb(211, 248, 218)  
}
```

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(211, 248, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 248, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 73.0863, 86.0456, 79.0861 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(211, 248, 218) }
```



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

```
.border{ border-color:rgb(211, 248, 218) }
```

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

Here you see how a box with a 4 pixel rgb(211, 248, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 248, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 248, 218);  
box-shadow:4px 4px 4px 4px rgb(211, 248,  
218) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.0863, 86.0456, 79.0861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 248, 218) }
```

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

```
.background{ background-color: rgb(211,  
248, 218) }
```

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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