

Converting Colors

XYZ(73.8191, 86.1385, 83.3326)

Have a look what the booklet for
XYZ(73.8191, 86.1385, 83.3326)
contains.

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Color

**XYZ(73.8859, 86.3655,
83.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F8E0
RGB	211, 248, 224
RGB Percent	83%, 97%, 88%
CMY	0.1725, 0.0274, 0.1216
CMYK	0.15, 0.00, 0.10, 0.03
HSL	141°, 73%, 90%
HSV	141°, 15%, 97%
XYZ	73.8859, 86.3655, 83.2970
YIQ	234.2010, -14.3480, -15.3080

Conversions

Conversions Part 2

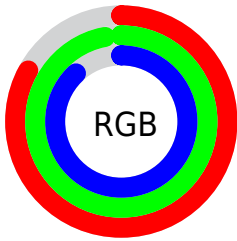
Format	Color
R_{YB}	211, 238, 248
Decimal	13891808
CIE _{Lab}	94.47, -16.42, 7.55
CIE _{LCh}	94, 18.069, 155.315
Yxy	86.3655, 0.3034, 0.3546
Android (android.graphics.Color)	4292081888 (0xFFD3F8E0)
YUV	234.2010, -5.0291, -20.3473
Hunter-Lab	92.9330, -20.7174, 11.9108

Details

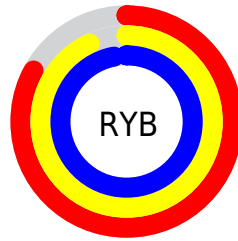
The XYZ color **73.8859, 86.3655, 83.2970** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.0041, 72.5453, 88.5453**, and the grayscale version is **78.4056, 82.4888, 89.8303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7214, 47.6318, 44.6364** is the 20% darker color. If you saturate the color by 10%, you get **65.2423, 82.1523, 72.0376**, and if you desaturate by 10%, it is **83.8369, 91.2337, 95.6989**.

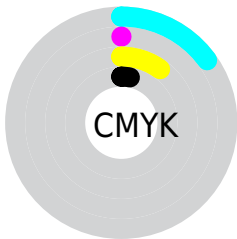
Distribution



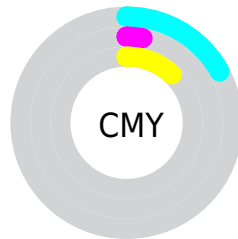
- Red (83%)
- Green (97%)
- Blue (88%)



- Red (83%)
- Yellow (93%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (3%)



- Cyan (17%)
- Magenta (3%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8859, 86.3655, 83.2970 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 73.8859, 86.3655, 83.2970 by changing the saturation by 10% instead.

73.8859, 86.3655,
83.2970

73.8859, 86.3655,
83.2970

463.1359,
516.1356, 525.9727

54.9916, 64.9703,
61.8932

123.7304,
142.2794, 139.8443

39.6288, 47.4370,
44.5111

155.4114,
177.5669, 175.8249

27.4322, 33.3812,
30.7324

192.0852,
218.2539, 217.5014

18.0363, 22.4186,
20.1384

234.1174,
264.7248, 265.2924

11.0759, 14.1648,
12.3106

281.8731,
317.3641, 319.6166

6.1856, 8.2354,
6.8305

335.7179,

3.0000, 4.2459,

376.5560, 380.8923

3.2795

396.0170,
442.6851, 449.5382

■ 1.1538, 1.8121,
1.2391

■ 0.0694, 0.4947,
0.0110

■ 73.8859, 86.3655,
83.2970

■ 73.8859, 86.3655,
83.2970

■ 65.2423, 82.1523,
72.0376

■ 83.8369, 91.2337,
95.6989

■ 57.8431, 78.5549,
61.8825

■ 92.8590, 95.6181,
108.1697

■ 51.6308, 75.5470,
52.7999

■ 46.5404, 73.0956,
44.7540

■ 42.5002, 71.1646,
37.7073

■ 39.4300, 69.7134,
31.6197

■ 37.2371, 68.6951,
26.4483

■ 35.8084, 68.0524,
22.1465

■ 35.2947, 67.8283,
20.2766

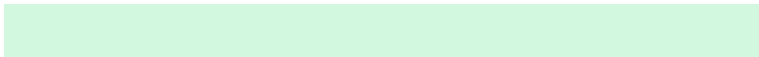
Harmonies

Analogous

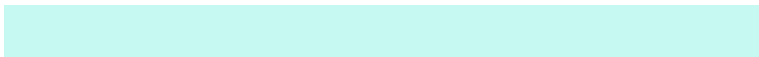
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8031, 86.3655, 73.8452



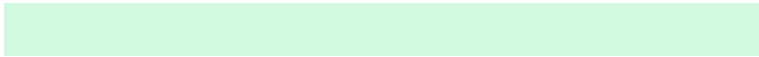
73.8859, 86.3655, 83.2970



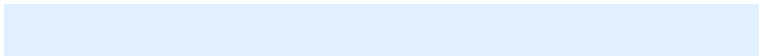
73.1299, 86.3655, 96.5386

Triad

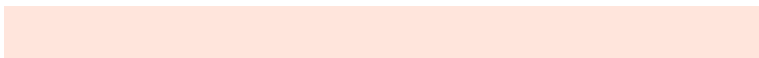
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8859, 86.3655, 83.2970



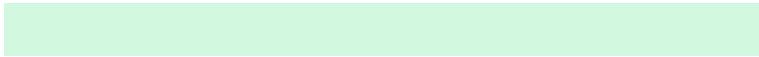
82.9566, 86.3655, 123.2831



89.9520, 86.3655, 79.3985

Complementary

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



73.8859, 86.3655, 83.2970



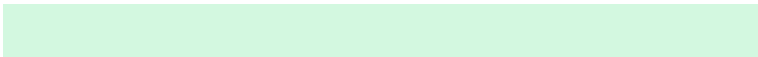
77.0041, 72.5453, 88.5453

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.



91.7490, 86.3655, 91.5797



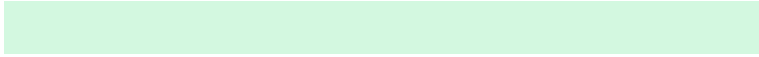
73.8859, 86.3655, 83.2970



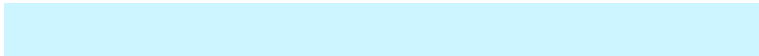
87.6095, 86.3655, 117.6108

Square

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



73.8859, 86.3655, 83.2970



78.2465, 86.3655, 120.5124



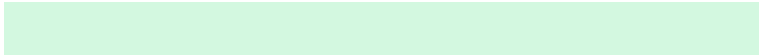
90.8753, 86.3655, 105.6634



86.0528, 86.3655, 71.7549

Rectangle

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



73.8859, 86.3655, 83.2970



73.9264, 86.3655, 105.9523



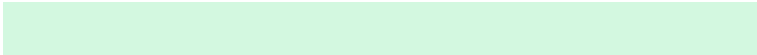
90.8753, 86.3655, 105.6634



90.8288, 86.3655, 83.0509

Sweetspot

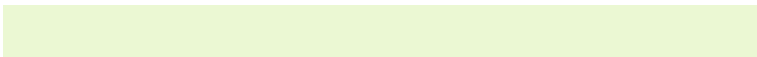
The Sweet Spot groups the original color and five complimentary colors.



73.8883, 86.3691, 83.2989



90.3493, 97.6977, 103.2148



79.6059, 89.5127, 74.7111



19.1548, 20.8214, 21.8682



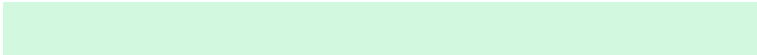
0.0000, 0.0000, 0.0000



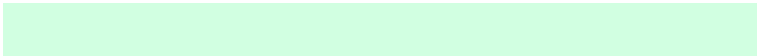
20.3446, 21.4041, 23.3091

Same Dimension

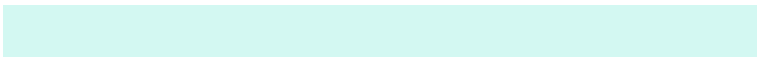
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8883, 86.3691, 83.2989



75.7042, 90.5385, 84.8813



76.5289, 87.4254, 97.2043



17.2692, 19.4099, 19.6181



19.1252, 36.6631, 11.2686



1.8195, 3.4149, 1.2973

Inverse Universe

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



77.0041, 72.5453, 88.5453



79.6264, 73.1346, 91.4837



74.4742, 71.5333, 75.2228



17.7189, 17.4149, 20.3756



24.4500, 12.1957, 19.6098



2.3147, 1.1496, 2.0807

Previews

White Background



This preview shows how the XYZ color 73.8859, 86.3655, 83.2970 looks on a white background.

Color Contrast Check

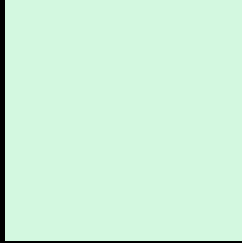
Large Text (above 18pt) WCAG AA × Fail

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 73.8859, 86.3655, 83.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

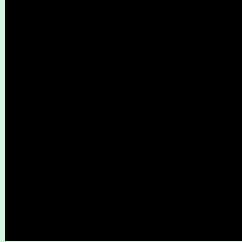
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

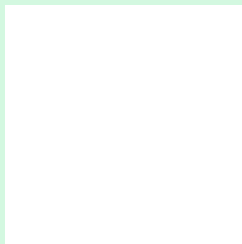
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8859, 86.3655, 83.2970

Background



This preview shows how black text looks on a background with the XYZ color 73.8859, 86.3655, 83.2970.



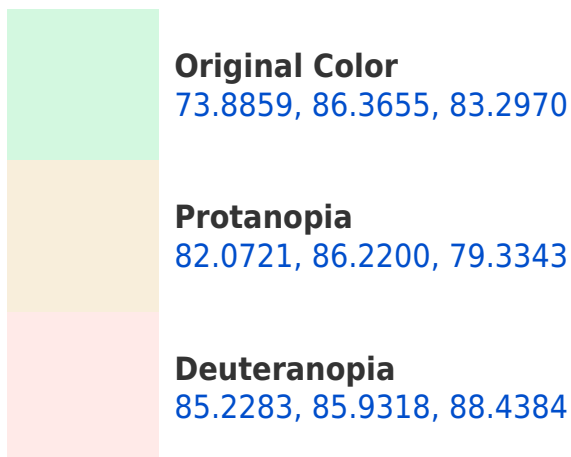
This preview shows how white text looks on a background with the XYZ color 73.8859, 86.3655,

83.2970.

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

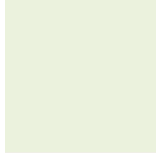
80.2458, 85.9779, 106.9737

Trichromacy



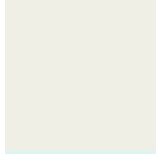
Original Color

73.8859, 86.3655, 83.2970



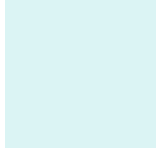
Protanomaly

79.0642, 86.3869, 80.9138



Deuteranomaly

80.6060, 85.7409, 86.4300



Tritanomaly

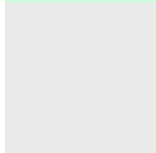
77.8932, 86.2931, 98.1388

Monochromacy



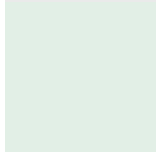
Original Color

73.8859, 86.3655, 83.2970



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.5135, 83.6149, 86.9695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8859, 86.3655, 83.2970 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(211, 248, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 248, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.8859, 86.3655, 83.2970 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, 224) }
```


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

```
.border{ border-color:rgb(211, 248, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 248, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 248, 224);  
box-shadow:4px 4px 4px 4px rgb(211, 248,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8859, 86.3655, 83.2970 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, 224) }
```

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

```
.background{ background-color: rgb(211,  
248, 224) }
```

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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