

Converting Colors

XYZ(73.9672, 89.6795, 83.1502)

Have a look what the booklet for
XYZ(73.9672, 89.6795, 83.1502)
contains.

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Color

**XYZ(73.9811, 89.6851,
83.2238)**

Conversions

Conversions Part 1

Format	Color
Hex	CCFFDF
RGB	204, 255, 223
RGB Percent	80%, 100%, 87%
CMY	0.2000, 0.0000, 0.1255
CMYK	0.20, 0.00, 0.13, 0.00
HSL	142°, 100%, 90%
HSV	142°, 20%, 100%
XYZ	73.9811, 89.6851, 83.2238
YIQ	236.1030, -20.1240, -20.7640

Conversions

Conversions Part 2

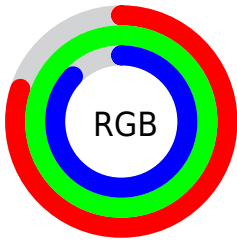
Format	Color
RYB	204, 241, 255
Decimal	13434847
CIELab	95.87, -22.24, 10.01
CIELCh	96, 24.393, 155.774
Yxy	89.6851, 0.2997, 0.3633
Android (android.graphics.Color)	4291624927 (0xFFCCFFDF)
YUV	236.1030, -6.4598, -28.1543
Hunter-Lab	94.7022, -26.2852, 14.1878

Details

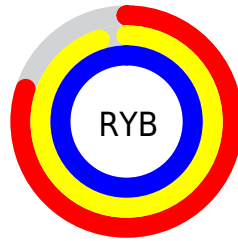
The XYZ color **73.9811, 89.6851, 83.2238** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.9735, 70.5026, 88.8553**, and the grayscale version is **79.8662, 84.0255, 91.5037**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6564, 49.6049, 44.5304** is the 20% darker color. If you saturate the color by 10%, you get **65.4982, 85.5495, 72.0937**, and if you desaturate by 10%, it is **83.8136, 94.4927, 95.4840**.

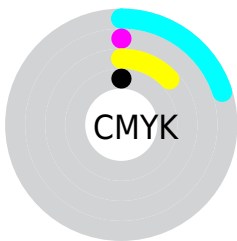
Distribution



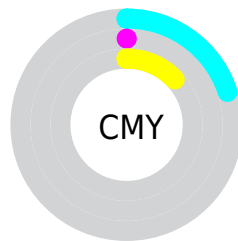
- Red (80%)
- Green (100%)
- Blue (87%)



- Red (80%)
- Yellow (95%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9811, 89.6851, 83.2238 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 73.9811, 89.6851, 83.2238 by changing the saturation by 10% instead.


 73.9811, 89.6851,
83.2238

 73.9811, 89.6851,
83.2238


463.4595,
527.0060, 525.7226

 55.0698, 67.7195,
61.8331


123.8647,
146.9009, 139.7409

 39.6917, 49.6696,
44.4629


155.5676,
182.9199, 175.7044

 27.4814, 35.1509,
30.6948


192.2652,
224.3921, 217.3626

 18.0735, 23.7792,
20.1100

234.3227,
271.7020, 265.1340

 11.1028, 15.1699,
12.2902

282.1055,
325.2340, 319.4371

 6.2038, 8.9387,
6.8167

335.9790,

 3.0112, 4.7012,

385.3723, 380.6906

3.2710

396.3086,
452.5015, 449.3129

■ 1.1597, 2.0730,
1.2346

■ 0.0742, 0.6494,
0.0073

■ 73.9811, 89.6851,
83.2238

■ 73.9811, 89.6851,
83.2238

■ 65.4982, 85.5495,
72.0937

■ 83.8136, 94.4927,
95.4840

■ 58.3015, 82.0542,
62.0572

95.0500, 100.0000,
108.9000

■ 52.3255, 79.1659,
53.0819

■ 47.4980, 76.8482,
45.1325

■ 43.7388, 75.0604,
38.1712

■ 40.9564, 73.7563,
32.1581

■ 39.0429, 72.8809,
27.0501

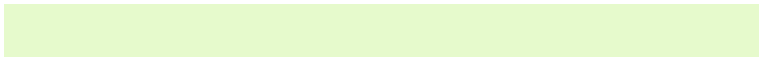
■ 37.8258, 72.3463,
22.7985

■ 37.8258, 72.3463,
22.7983

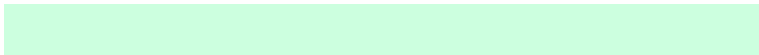
Harmonies

Analogous

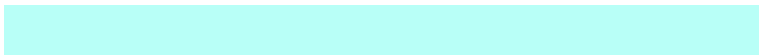
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9015, 89.6851, 70.5703



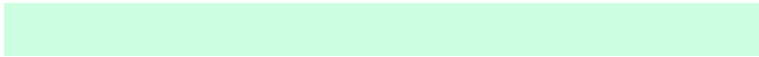
73.9811, 89.6851, 83.2238



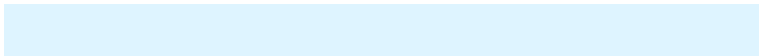
73.0085, 89.6851, 101.4270

Triad

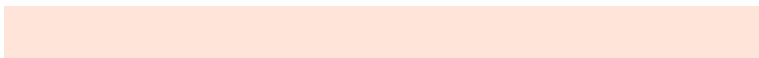
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9811, 89.6851, 83.2238



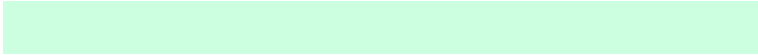
86.5512, 89.6851, 139.3479



96.1760, 89.6851, 77.5542

Complementary

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



73.9811, 89.6851, 83.2238



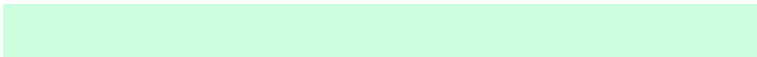
77.9735, 70.5026, 88.8553

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.



98.7732, 89.6851, 93.9716



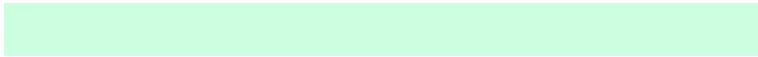
73.9811, 89.6851, 83.2238



93.0318, 89.6851, 130.9024

Square

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



73.9811, 89.6851, 83.2238



80.0439, 89.6851, 135.4866



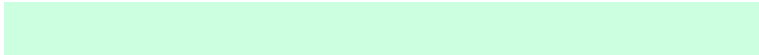
97.5935, 89.6851, 113.6579



90.6625, 89.6851, 67.6109

Rectangle

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



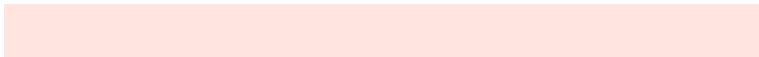
73.9811, 89.6851, 83.2238



74.1156, 89.6851, 114.6646



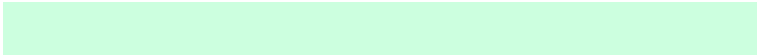
97.5935, 89.6851, 113.6579



97.4319, 89.6851, 82.4110

Sweetspot

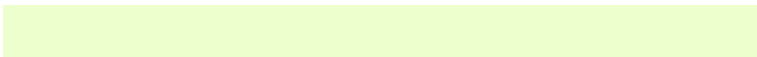
The Sweet Spot groups the original color and five complimentary colors.



73.9818, 89.6854, 83.2252



88.1360, 96.6099, 100.7092



81.3513, 93.7641, 70.9384



18.7103, 20.6028, 21.3705



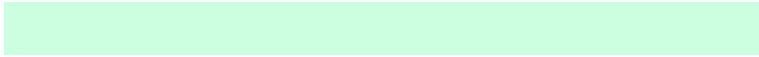
0.0000, 0.0000, 0.0000



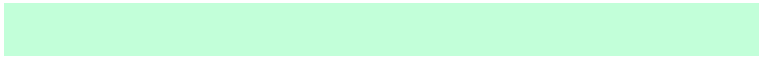
20.3446, 21.4041, 23.3091

Same Dimension

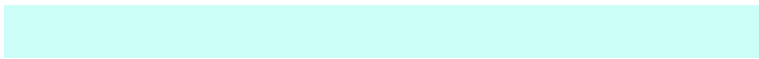
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9818, 89.6854, 83.2252



70.4294, 87.9519, 78.6384



77.6367, 91.1473, 102.4712



18.0514, 20.2801, 20.5737



19.8309, 37.8289, 12.2605



1.9816, 3.7036, 1.4611

Inverse Universe

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



77.9735, 70.5026, 88.8553



75.0811, 65.5921, 85.1954



74.5662, 69.1397, 70.9128



18.4888, 18.1788, 21.1913



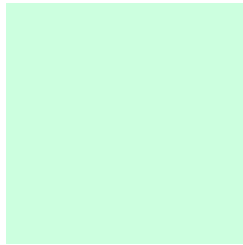
24.9387, 12.4648, 18.8597



2.4811, 1.2348, 2.1149

Previews

White Background



This preview shows how the XYZ color 73.9811, 89.6851, 83.2238 looks on a white background.

Color Contrast Check

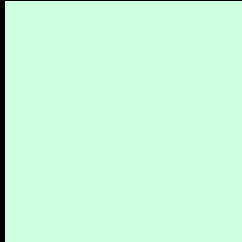
Large Text (above 18pt) WCAG AA × Fail

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 73.9811, 89.6851, 83.2238 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

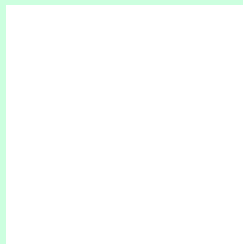
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9811, 89.6851, 83.2238

Background



This preview shows how black text looks on a background with the XYZ color 73.9811, 89.6851, 83.2238.



This preview shows how white text looks on a background with the XYZ color 73.9811, 89.6851,

83.2238.

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

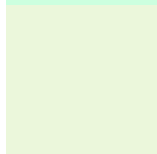
83.0155, 89.1828, 107.4464

Trichromacy



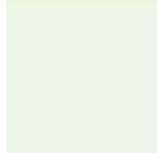
Original Color

73.9811, 89.6851, 83.2238



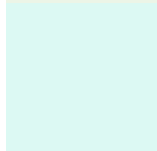
Protanomaly

80.3079, 89.2982, 80.0214



Deuteranomaly

81.6683, 88.9072, 88.4577



Tritanomaly

79.5685, 89.4381, 97.8636

Monochromacy



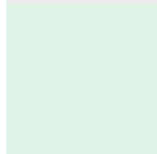
Original Color

73.9811, 89.6851, 83.2238



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.2149, 85.7180, 88.0769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9811, 89.6851, 83.2238 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(204, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 223)  
}
```

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(204, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 223) }
```

Border

The CSS property to change the border of an element to XYZ 73.9811, 89.6851, 83.2238 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(204, 255, 223) }
```


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

```
.border{ border-color:rgb(204, 255, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9811, 89.6851, 83.2238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 223) }
```

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

```
.background{ background-color: rgb(204,  
255, 223) }
```

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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