

Converting Colors

XYZ(73.8685, 89.7038, 79.7509)

Have a look what the booklet for
XYZ(73.8685, 89.7038, 79.7509)
contains.

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Color

**XYZ(73.8685, 89.7038,
79.7509)**

Conversions

Conversions Part 1	
Format	Color
Hex	CEFFDA
RGB	206, 255, 218
RGB Percent	81%, 100%, 85%
CMY	0.1922, 0.0000, 0.1451
CMYK	0.19, 0.00, 0.15, 0.00
HSL	135°, 100%, 90%
HSV	135°, 19%, 100%
XYZ	73.8685, 89.7038, 79.7509
YIQ	236.1310, -17.3270, -21.8950

Conversions

Conversions Part 2

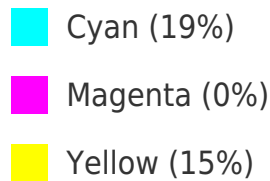
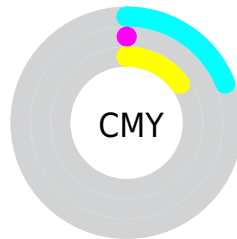
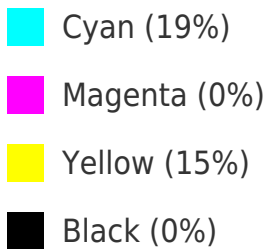
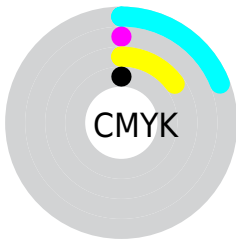
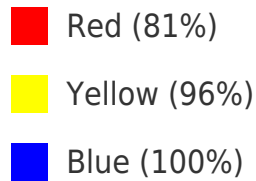
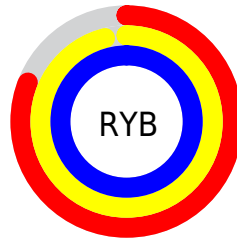
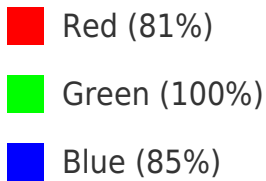
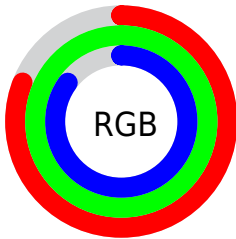
Format	Color
RYB	206, 245, 255
Decimal	13565914
CIELab	95.87, -22.51, 12.60
CIELCh	96, 25.799, 150.759
Yxy	89.7038, 0.3036, 0.3687
Android (android.graphics.Color)	4291755994 (0xFFCEFFDA)
YUV	236.1310, -8.9386, -26.4249
Hunter-Lab	94.7121, -26.5292, 16.3742

Details

The XYZ color **73.8685, 89.7038, 79.7509** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.4893, 71.8745, 94.4774**, and the grayscale version is **79.9045, 84.0658, 91.5476**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5674, 49.6118, 42.1409** is the 20% darker color. If you saturate the color by 10%, you get **64.9789, 85.3954, 66.9373**, and if you desaturate by 10%, it is **84.2008, 94.7220, 94.1629**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8685, 89.7038, 79.7509 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 73.8685, 89.7038, 79.7509 by changing the saturation by 10% instead.


 73.8685, 89.7038,
79.7509

 73.8685, 89.7038,
79.7509


463.0767,
527.0669, 513.7776

 54.9773, 67.7350,
58.9884


123.7059,
146.9269, 134.8237

 39.6173, 49.6822,
42.1839


155.3828,
182.9500, 169.9711

 27.4232, 35.1609,
28.9186


192.0523,
224.4266, 210.7505

 18.0295, 23.7869,
18.7742

234.0798,
271.7412, 257.5806

 11.0710, 15.1756,
11.3321

281.8307,
325.2781, 310.8798

 6.1823, 8.9427,
6.1737


335.6702,


 2.9979, 4.7038,


385.4218, 371.0666


2.8805


395.9638,
452.5565, 438.5597

 1.1527, 2.0746,
1.0339

 0.0685, 0.6503,
0.0000

 73.8685, 89.7038,
79.7509


 73.8685, 89.7038,
79.7509


 64.9789, 85.3954,
66.9373

 84.2008, 94.7220,
94.1629

 57.4645, 81.7634,
55.6626

95.0500, 100.0000,
108.9000

 51.2556, 78.7729,
45.8701

 46.2756, 76.3857,
37.4976

■ 42.4392, 74.5594,
30.4788

■ 39.6501, 73.2457,
24.7419

■ 37.7952, 72.3878,
20.2082

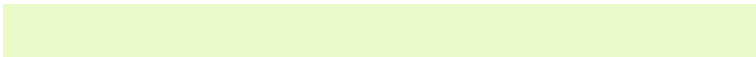
■ 36.7094, 71.9027,
16.7889

■ 36.6420, 71.8728,
16.5644

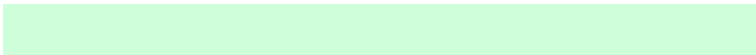
Harmonies

Analogous

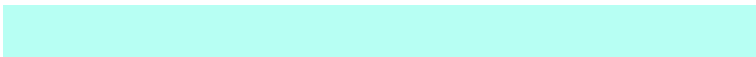
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4517, 89.7038, 67.7158



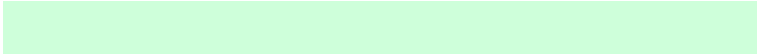
73.8685, 89.7038, 79.7509



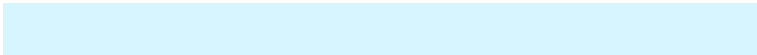
72.2961, 89.7038, 98.1923

Triad

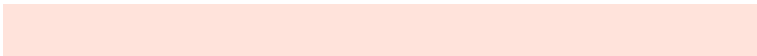
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8685, 89.7038, 79.7509



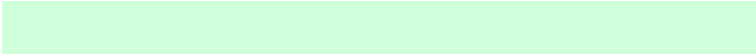
85.4422, 89.7038, 142.3362



97.5695, 89.7038, 78.9679

Complementary

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



73.8685, 89.7038, 79.7509



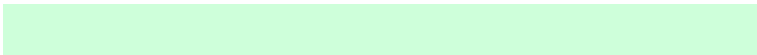
79.4893, 71.8745, 94.4774

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.



99.6896, 89.7038, 97.1540



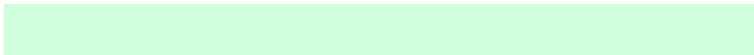
73.8685, 89.7038, 79.7509



92.4529, 89.7038, 135.3707

Square

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



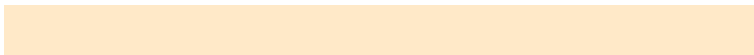
73.8685, 89.7038, 79.7509



78.7491, 89.7038, 136.0171



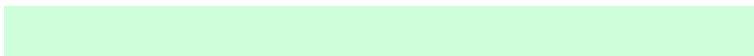
97.7680, 89.7038, 118.0952



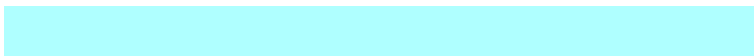
92.1219, 89.7038, 67.3099

Rectangle

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



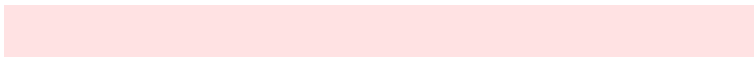
73.8685, 89.7038, 79.7509



73.0938, 89.7038, 112.2324



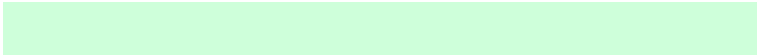
97.7680, 89.7038, 118.0952



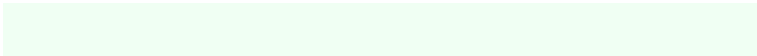
98.7081, 89.7038, 84.4290

Sweetspot

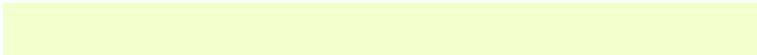
The Sweet Spot groups the original color and five complimentary colors.



73.8692, 89.7041, 79.7523



87.8387, 96.4909, 99.1435



84.0589, 95.1320, 72.3255



18.6402, 20.5748, 21.0012



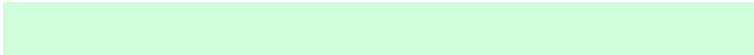
0.0000, 0.0000, 0.0000



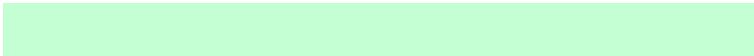
20.3446, 21.4041, 23.3091

Same Dimension

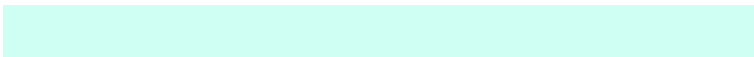
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8692, 89.7041, 79.7523



70.3382, 87.9916, 74.7171



77.2311, 91.0489, 97.4559



17.9540, 20.2411, 20.0605



19.1952, 37.5747, 8.9133



1.9100, 3.6749, 1.0839

Inverse Universe

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



79.4893, 71.8745, 94.4774



76.8818, 67.2271, 91.8582



76.1068, 70.5215, 76.6654



18.5913, 18.2198, 21.7311



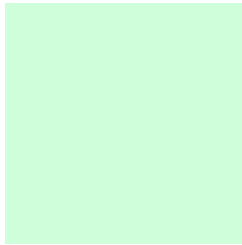
26.6143, 13.1350, 27.6830



2.6345, 1.2962, 2.9225

Previews

White Background



This preview shows how the XYZ color 73.8685, 89.7038, 79.7509 looks on a white background.

Color Contrast Check

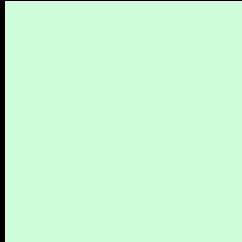
Large Text (above 18pt) WCAG AA × Fail

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 73.8685, 89.7038, 79.7509 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

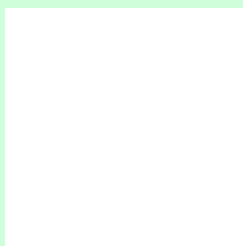
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8685, 89.7038, 79.7509

Background



This preview shows how black text looks on a background with the XYZ color 73.8685, 89.7038, 79.7509.



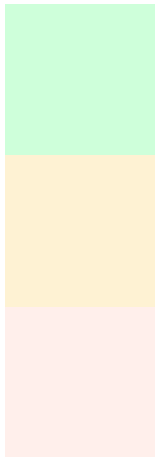
This preview shows how white text looks on a background with the XYZ color 73.8685, 89.7038, 79.7509.

79.7509.

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

73.8685, 89.7038, 79.7509

Protanopia

84.3831, 89.2782, 74.4130

Deuteranopia

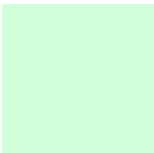
87.1019, 88.9912, 91.1835



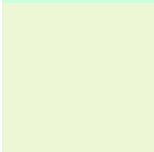
Tritanopia

83.3355, 89.3478, 107.4613

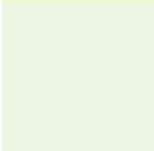
Trichromacy



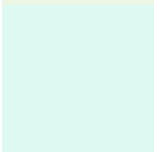
Original Color
73.8685, 89.7038, 79.7509



Protanomaly
80.3234, 89.3811, 76.6371



Deuteranomaly
81.7203, 88.9665, 86.9939

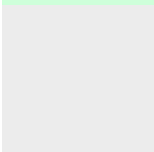


Tritanomaly
79.7215, 89.5343, 97.0845

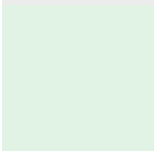
Monochromacy



Original Color
73.8685, 89.7038, 79.7509



Achromatopsia
79.7278, 83.8799, 91.3452



Achromatomaly
77.2448, 85.7659, 86.6120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8685, 89.7038, 79.7509 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(206, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 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(206, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 218) }
```

Border

The CSS property to change the border of an element to XYZ 73.8685, 89.7038, 79.7509 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(206, 255, 218) }
```


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

```
.border{ border-color:rgb(206, 255, 218) }
```

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

Here you see how a box with a 4 pixel rgb(206, 255, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8685, 89.7038, 79.7509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 218) }
```

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

```
.background{ background-color: rgb(206,  
255, 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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double the colors in the color bucket, and more
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