

Converting Colors

XYZ(73.9676, 88.8071, 83.3749)

Have a look what the booklet for
XYZ(73.9676, 88.8071, 83.3749)
contains.

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Color

**XYZ(73.8982, 88.7001,
83.0380)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | CEFDDF |
| RGB | 206, 253, 223 |
| RGB Percent | 81%, 99%, 87% |
| CMY | 0.1921, 0.0078, 0.1255 |
| CMYK | 0.19, 0.00, 0.12, 0.01 |
| HSL | 142°, 92%, 90% |
| HSV | 142°, 19%, 99% |
| XYZ | 73.8982, 88.7001, 83.0380 |
| YIQ | 235.5270, -18.3820, -19.2940 |

Conversions

Conversions Part 2

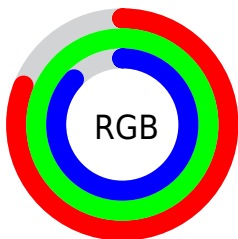
| Format | Color |
|-------------------------------------|------------------------------------------|
| R_{YB} | 206, 241, 253 |
| Decimal | 13565407 |
| CIE _{Lab} | 95.45, -20.65, 9.44 |
| CIE _{LCh} | 95, 22.700, 155.435 |
| Yxy | 88.7001, 0.3008, 0.3611 |
| Android (android.graphics.Color) | 4291755487 (0xFFCEFD _{DD} F) |
| YUV | 235.5270, -6.1758, -25.8952 |
| Hunter-Lab | 94.1807, -24.7576, 13.6512 |

Details

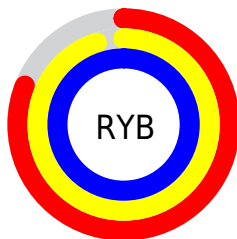
The XYZ color **73.8982, 88.7001, 83.0380** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.7228, 71.0836, 88.9850**, and the grayscale version is **79.4251, 83.5614, 90.9983**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5703, 48.8863, 44.3962** is the 20% darker color. If you saturate the color by 10%, you get **65.3575, 84.5394, 71.8097**, and if you desaturate by 10%, it is **83.7821, 93.5342, 95.4172**.

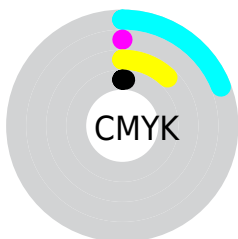
Distribution



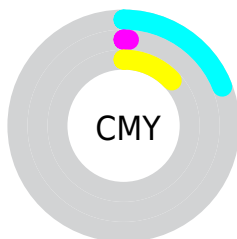
- Red (81%)
- Green (99%)
- Blue (87%)



- Red (81%)
- Yellow (95%)
- Blue (99%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)





- Cyan (19%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8982, 88.7001, 83.0380 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 73.8982, 88.7001, 83.0380 by changing the saturation by 10% instead.


 73.8982, 88.7001,
83.0380

 73.8982, 88.7001,
83.0380


463.1777,
523.7932, 525.0875

 55.0017, 66.9030,
61.6807


123.7478,
145.5315, 139.4784

 39.6369, 49.0058,
44.3406


155.4315,
181.3345, 175.3986

 27.4385, 34.6241,
30.5992


192.1085,
222.5750, 217.0101

 18.0411, 23.3735,
20.0380

234.1439,
269.6374, 264.7316

 11.0794, 14.8695,
12.2383

281.9032,
322.9060, 318.9815

 6.1879, 8.7279,
6.7817

335.7517,

 3.0014, 4.5641,

382.7652, 380.1785

3.2496

396.0547,
449.5995, 448.7409

■ 1.1545, 1.9939,
1.2234

■ 0.0700, 0.6039,
0.0000

■ 73.8982, 88.7001,
83.0380

■ 73.8982, 88.7001,
83.0380

■ 65.3575, 84.5394,
71.8097

■ 83.7821, 93.5342,
95.4172

■ 58.0928, 81.0107,
61.6933

■ 94.4170, 98.7339,
108.6890

■ 52.0422, 78.0853,
52.6562

■ 47.1354, 75.7276,
44.6621

■ 43.2945, 73.8983,
37.6725

■ 40.4315, 72.5527,
31.6464

■ 38.4427, 71.6384,
26.5397

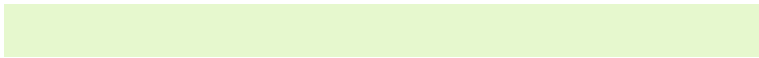
■ 37.1835, 71.0817,
22.3036

■ 37.0372, 71.0180,
21.7681

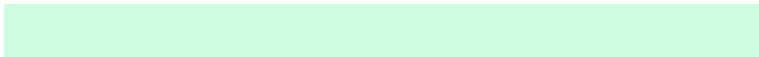
Harmonies

Analogous

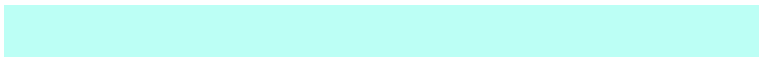
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5662, 88.7001, 71.2909



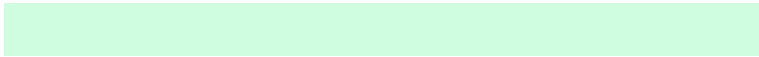
73.8982, 88.7001, 83.0380



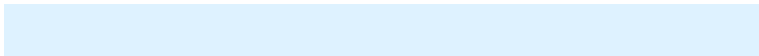
72.9607, 88.7001, 99.8573

Triad

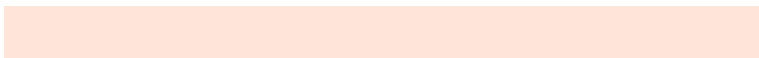
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8982, 88.7001, 83.0380



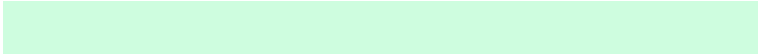
85.4437, 88.7001, 134.8150



94.4236, 88.7001, 78.0640

Complementary

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



73.8982, 88.7001, 83.0380



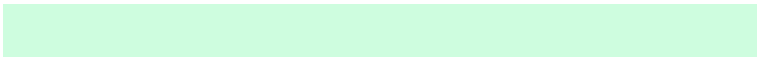
77.7228, 71.0836, 88.9850

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.



96.7721, 88.7001, 93.3739



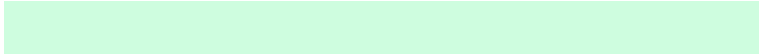
73.8982, 88.7001, 83.0380



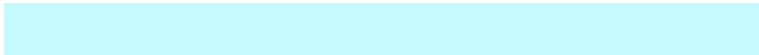
91.4270, 88.7001, 127.2357

Square

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



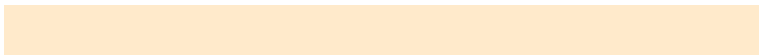
73.8982, 88.7001, 83.0380



79.4355, 88.7001, 131.1712



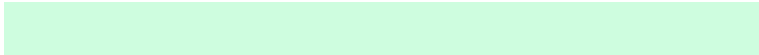
95.6495, 88.7001, 111.5182



89.3732, 88.7001, 68.6759

Rectangle

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



73.8982, 88.7001, 83.0380



73.9684, 88.7001, 112.0371



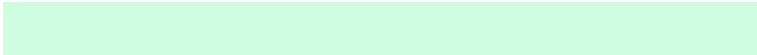
95.6495, 88.7001, 111.5182



95.5662, 88.7001, 82.6131

Sweetspot

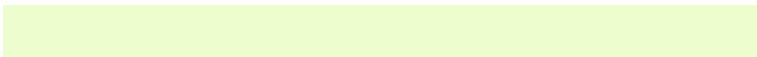
The Sweet Spot groups the original color and five complimentary colors.



73.9006, 88.7038, 83.0400



88.1105, 96.5997, 100.5750



81.0441, 92.6381, 72.0032



18.7043, 20.6004, 21.3389



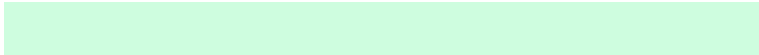
0.0000, 0.0000, 0.0000



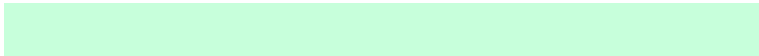
20.3446, 21.4041, 23.3091

Same Dimension

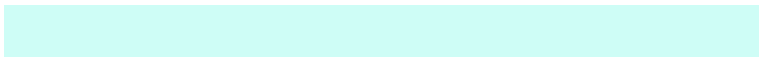
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9006, 88.7038, 83.0400



72.0979, 88.7729, 80.4840



77.2087, 90.0271, 100.4601



18.0430, 20.2767, 20.5296



19.7648, 37.8025, 11.9129



1.9746, 3.7007, 1.4238

Inverse Universe

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



77.7228, 71.0836, 88.9850



76.5939, 68.0423, 87.4743



74.5986, 69.8340, 72.5332



18.4975, 18.1823, 21.2370



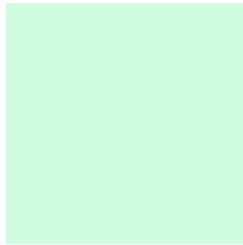
25.0666, 12.5159, 19.5329



2.4930, 1.2396, 2.1777

Previews

White Background



This preview shows how the XYZ color 73.8982, 88.7001, 83.0380 looks on a white background.

Color Contrast Check

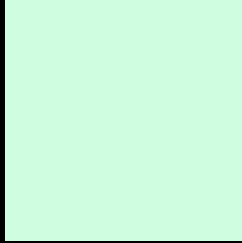
Large Text (above 18pt) WCAG AA × Fail

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 73.8982, 88.7001, 83.0380 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

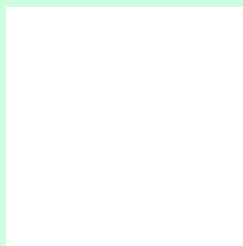
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8982, 88.7001, 83.0380

Background



This preview shows how black text looks on a background with the XYZ color 73.8982, 88.7001, 83.0380.



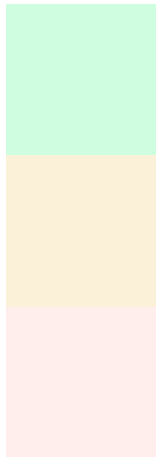
This preview shows how white text looks on a background with the XYZ color 73.8982, 88.7001,

83.0380.

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

73.8982, 88.7001, 83.0380

Protanopia

83.6336, 88.3777, 77.6164

Deuteranopia

86.8099, 88.4072, 91.0862



Tritanopia

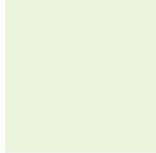
82.0792, 88.2523, 107.3161

Trichromacy



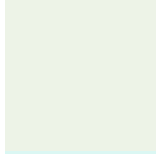
Original Color

73.8982, 88.7001, 83.0380



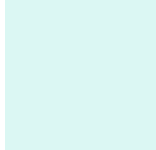
Protanomaly

79.6995, 88.0815, 79.8186



Deuteranomaly

81.3994, 87.8752, 88.2727



Tritanomaly

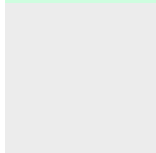
78.6518, 88.0527, 97.6445

Monochromacy



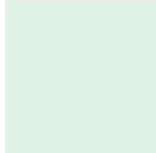
Original Color

73.8982, 88.7001, 83.0380



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.2273, 85.2813, 87.9919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8982, 88.7001, 83.0380 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, 253, 223)` looks like.

```
.text, #text, p{  
    color:rgb(206, 253, 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(206, 253, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 253, 223) }
```

Border

The CSS property to change the border of an element to XYZ 73.8982, 88.7001, 83.0380 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, 253, 223) }
```


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

```
.border{ border-color:rgb(206, 253, 223) }
```

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

Here you see how a box with a 4 pixel rgb(206, 253, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 253, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 253, 223);  
box-shadow:4px 4px 4px 4px rgb(206, 253,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8982, 88.7001, 83.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 253, 223) }
```

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

```
.background{ background-color: rgb(206,  
253, 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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