

Converting Colors

XYZ(73.1642, 88.5052, 85.9367)

Have a look what the booklet for
XYZ(73.1642, 88.5052, 85.9367)
contains.

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Color

**XYZ(73.3943, 88.8472,
85.9540)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FEE3
RGB	201, 254, 227
RGB Percent	79%, 100%, 89%
CMY	0.2118, 0.0039, 0.1098
CMYK	0.21, 0.00, 0.11, 0.00
HSL	149°, 96%, 89%
HSV	149°, 21%, 100%
XYZ	73.3943, 88.8472, 85.9540
YIQ	235.0750, -22.9210, -19.6330

Conversions

Conversions Part 2

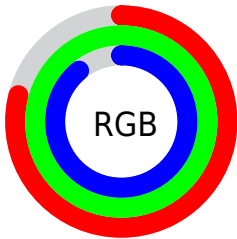
Format	Color
R_{YB}	201, 237, 254
Decimal	13237987
CIE _{Lab}	95.52, -21.96, 7.43
CIE _{LCh}	96, 23.180, 161.308
Yxy	88.8472, 0.2957, 0.3580
Android (android.graphics.Color)	4291428067 (0xFFC9FEE3)
YUV	235.0750, -3.9810, -29.8838
Hunter-Lab	94.2588, -25.9644, 11.9150

Details

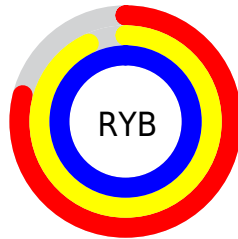
The XYZ color **73.3943, 88.8472, 85.9540** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.7664, 68.4477, 82.6209**, and the grayscale version is **79.0666, 83.1842, 90.5876**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2667, 49.0221, 46.4224** is the 20% darker color. If you saturate the color by 10%, you get **65.4034, 84.9289, 76.6052**, and if you desaturate by 10%, it is **82.6535, 93.4087, 96.0668**.

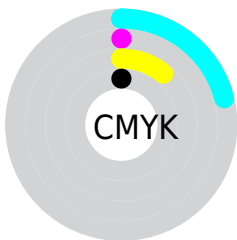
Distribution



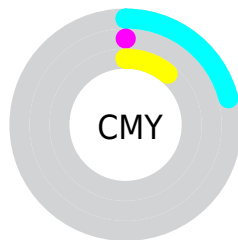
- Red (79%)
- Green (100%)
- Blue (89%)



- Red (79%)
- Yellow (93%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3943, 88.8472, 85.9540 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 73.3943, 88.8472, 85.9540 by changing the saturation by 10% instead.


 73.3943, 88.8472,
85.9540

 73.3943, 88.8472,
85.9540


461.4629,
524.2737, 535.0062

 54.5880, 67.0249,
64.0753


123.0369,
145.7361, 143.5913

 39.3045, 49.1049,
46.2651

154.6039,
181.5714, 180.1869

 27.1785, 34.7027,
32.1049


191.1552,
222.8466, 222.5252

 17.8446, 23.4339,
21.1761

233.0561,
269.9460, 271.0247

 10.9375, 14.9143,
13.0603

280.6719,
323.2540, 326.1041

 6.0918, 8.7592,
7.3389

334.3681,

 2.9422, 4.5845,

383.1551, 388.1818

3.5933

394.5100,
450.0335, 457.6763

■ 1.1232, 2.0056,
1.4050

■ 0.0444, 0.6107,
0.1456

■ 73.3943, 88.8472,
85.9540

■ 73.3943, 88.8472,
85.9540

■ 65.4034, 84.9289,
76.6052

■ 82.6535, 93.4087,
96.0668

■ 58.6150, 81.6128,
67.9963

■ 93.2280, 98.6301,
106.9549

■ 52.9683, 78.8706,
60.1106

■ 94.7335, 99.3670,
108.7945

■ 48.3943, 76.6668,
52.9284

■ 44.8157, 74.9621,
46.4289

■ 42.1443, 73.7114,
40.5904

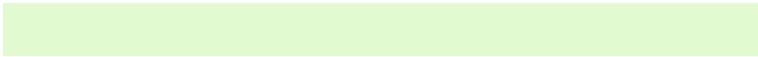
■ 40.2751, 72.8610,
35.3893

■ 39.1196, 72.3574,
31.1726

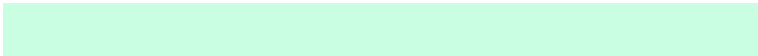
Harmonies

Analogous

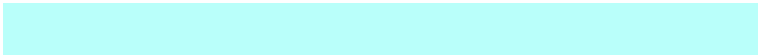
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6358, 88.8472, 72.7650



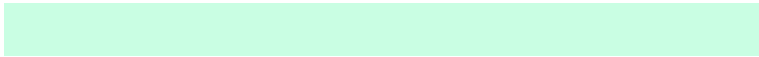
73.3943, 88.8472, 85.9540



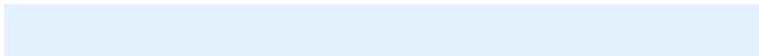
73.0241, 88.8472, 103.7641

Triad

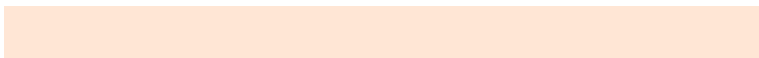
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3943, 88.8472, 85.9540



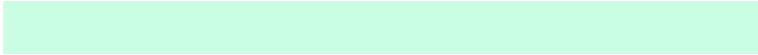
86.8650, 88.8472, 135.2656



93.9603, 88.8472, 75.4320

Complementary

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



73.3943, 88.8472, 85.9540



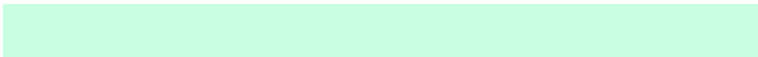
75.7664, 68.4477, 82.6209

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.



97.0021, 88.8472, 90.0393



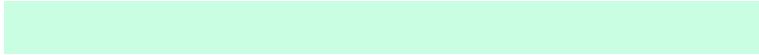
73.3943, 88.8472, 85.9540



92.7708, 88.8472, 125.4744

Square

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



73.3943, 88.8472, 85.9540



80.5915, 88.8472, 133.8127



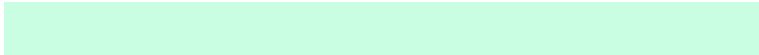
96.5562, 88.8472, 108.3915



88.4227, 88.8472, 67.2366

Rectangle

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



73.3943, 88.8472, 85.9540



74.4325, 88.8472, 116.0845



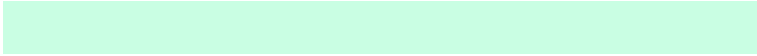
96.5562, 88.8472, 108.3915



95.3208, 88.8472, 79.6727

Sweetspot

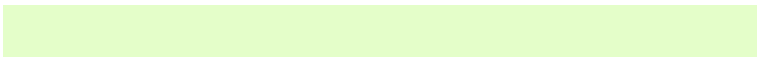
The Sweet Spot groups the original color and five complimentary colors.



73.3968, 88.8509, 85.9560



88.4136, 96.7209, 102.1709



78.1041, 91.6615, 68.8353



18.7759, 20.6290, 21.7157



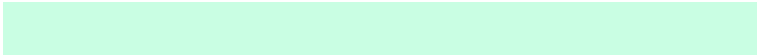
0.0000, 0.0000, 0.0000



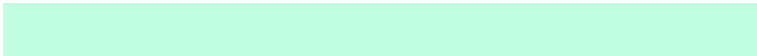
20.3446, 21.4041, 23.3091

Same Dimension

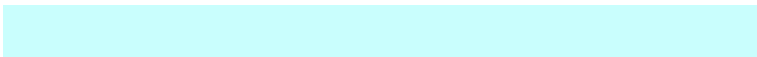
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3968, 88.8509, 85.9560



70.5637, 87.9308, 82.7277



77.2804, 90.4044, 106.4071



18.1430, 20.3167, 21.0558



20.6975, 38.1756, 16.8240



2.0702, 3.7390, 1.9278

Inverse Universe

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



75.7664, 68.4477, 82.6209



73.3431, 63.9978, 78.8152



72.4091, 67.1048, 64.9420



18.3956, 18.1416, 20.7004



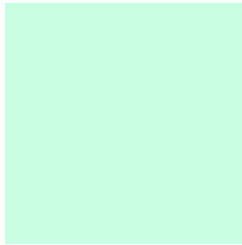
23.7268, 11.9800, 12.4777



2.3654, 1.1885, 1.5056

Previews

White Background



This preview shows how the XYZ color 73.3943, 88.8472, 85.9540 looks on a white background.

Color Contrast Check

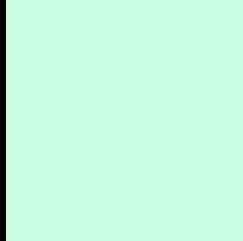
Large Text (above 18pt) WCAG AA × Fail

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 73.3943, 88.8472, 85.9540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

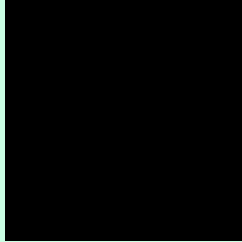
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

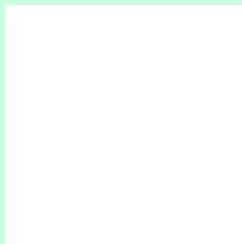
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3943, 88.8472, 85.9540

Background



This preview shows how black text looks on a background with the XYZ color 73.3943, 88.8472, 85.9540.



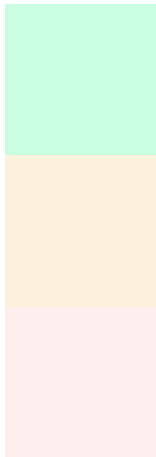
This preview shows how white text looks on a background with the XYZ color 73.3943, 88.8472,

85.9540.

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

73.3943, 88.8472, 85.9540

Protanopia

84.1572, 88.5871, 80.3736

Deuteranopia

87.1006, 88.5235, 92.6168



Tritanopia

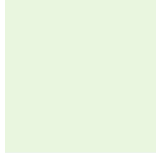
82.0664, 88.6936, 107.4019

Trichromacy



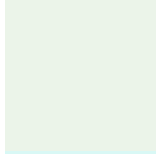
Original Color

73.3943, 88.8472, 85.9540



Protanomaly

79.8793, 88.5629, 82.6963



Deuteranomaly

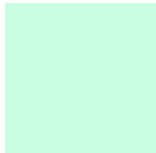
81.3196, 88.2467, 89.8381



Tritanomaly

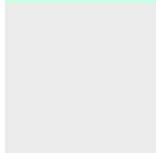
78.6641, 88.4791, 99.3183

Monochromacy



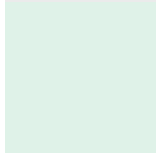
Original Color

73.3943, 88.8472, 85.9540



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.7490, 85.0184, 88.7090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3943, 88.8472, 85.9540 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(201, 254, 227)` looks like.

```
.text, #text, p{  
    color:rgb(201, 254, 227)  
}
```

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(201, 254, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 254, 227) }
```

Border

The CSS property to change the border of an element to XYZ 73.3943, 88.8472, 85.9540 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(201, 254, 227) }
```


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

```
.border{ border-color:rgb(201, 254, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 254, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 254, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 254, 227);  
box-shadow:4px 4px 4px 4px rgb(201, 254,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3943, 88.8472, 85.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 254, 227) }
```

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

```
.background{ background-color: rgb(201,  
254, 227) }
```

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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