

Converting Colors

XYZ(72.8940, 88.9378, 91.6170)

Have a look what the booklet for
XYZ(72.8940, 88.9378, 91.6170)
contains.

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Color

**XYZ(73.0035, 88.9875,
91.9259)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C2FFEB |
| RGB | 194, 255, 235 |
| RGB Percent | 76%, 100%, 92% |
| CMY | 0.2392, 0.0000, 0.0784 |
| CMYK | 0.24, 0.00, 0.08, 0.00 |
| HSL | 160°, 100%, 88% |
| HSV | 160°, 24%, 100% |
| XYZ | 73.0035, 88.9875, 91.9259 |
| YIQ | 234.4810, -29.9360, -19.1520 |

Conversions

Conversions Part 2

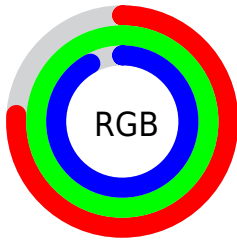
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 194, 230, 255 |
| Decimal | 12779499 |
| CIELab | 95.58, -23.03, 3.34 |
| CIELCh | 96, 23.268, 171.736 |
| Yxy | 88.9875, 0.2875, 0.3505 |
| Android (android.graphics.Color) | 4290969579 (0xFFC2FFEB) |
| YUV | 234.4810, 0.2559, -35.5018 |
| Hunter-Lab | 94.3332, -26.9437, 8.2563 |

Details

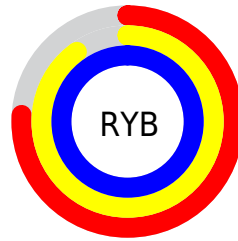
The XYZ color **73.0035, 88.9875, 91.9259** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.6699, 64.6996, 72.2767**, and the grayscale version is **78.5854, 82.6779, 90.0362**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **38.9782, 49.1318, 50.0768** is the 20% darker color. If you saturate the color by 10%, you get **65.8313, 85.4263, 85.4333**, and if you desaturate by 10%, it is **81.3571, 93.1510, 98.7729**.

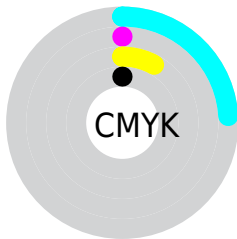
Distribution



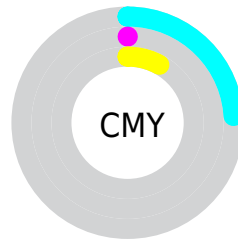
- Red (76%)
- Green (100%)
- Blue (92%)



- Red (76%)
- Yellow (90%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)




- Cyan (24%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0035, 88.9875, 91.9259 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 73.0035, 88.9875, 91.9259 by changing the saturation by 10% instead.


 73.0035, 88.9875,
91.9259

 73.0035, 88.9875,
91.9259

460.1305,
524.7317, 555.0070

 54.2672, 67.1412,
68.9964

 122.4853,
145.9312, 151.9695

 39.0469, 49.1994,
50.2370


153.9615,
181.7973, 189.9207

 26.9771, 34.7777,
35.2293


190.4150,
223.1056, 233.7161

 17.6925, 23.4917,
23.5546

232.2113,
270.2403, 283.7744

 10.8278, 14.9570,
14.7944

279.7156,
323.5859, 340.5141

 6.0176, 8.7892,
8.5302

333.2934,

 2.8965, 4.6039,

383.5267, 404.3538

4.3434

393.3099,
450.4472, 475.7119

■ 1.0993, 2.0168,
1.8156

■ 0.0245, 0.6172,
0.4382

■ 73.0035, 88.9875,
91.9259

■ 73.0035, 88.9875,
91.9259

■ 65.8313, 85.4263,
85.4333

■ 81.3571, 93.1510,
98.7729

■ 59.7799, 82.4365,
79.2842

■ 90.9436, 97.9435,
105.9766

■ 54.7869, 79.9860,
73.4728

95.0500, 100.0000,
108.9000

■ 50.7826, 78.0389,
67.9917

■ 47.6889, 76.5550,
62.8329

■ 45.4147, 75.4875,
57.9879

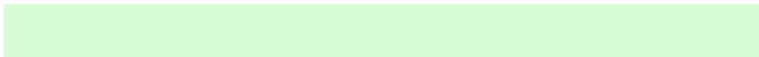
■ 43.8494, 74.7795,
53.4470

■ 43.1487, 74.4755,
50.8286

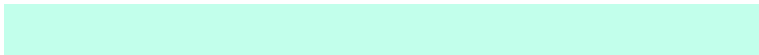
Harmonies

Analogous

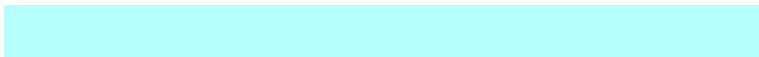
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3026, 88.9875, 76.7092



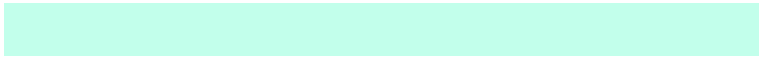
73.0035, 88.9875, 91.9259



73.6813, 88.9875, 110.5042

Triad

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



73.0035, 88.9875, 91.9259



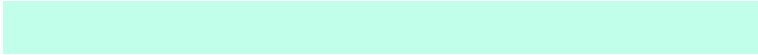
89.2081, 88.9875, 133.3578



92.4126, 88.9875, 71.8258

Complementary

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



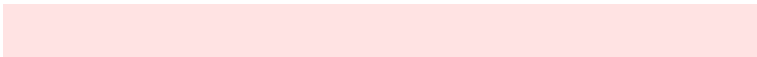
73.0035, 88.9875, 91.9259



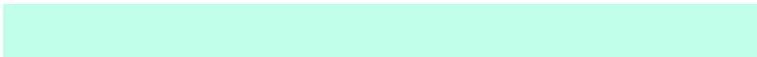
72.6699, 64.6996, 72.2767

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.



96.5036, 88.9875, 84.4467



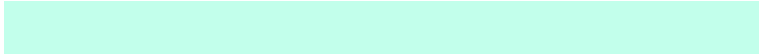
73.0035, 88.9875, 91.9259



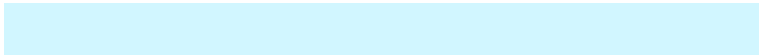
94.5896, 88.9875, 120.3373

Square

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



73.0035, 88.9875, 91.9259



82.8276, 88.9875, 136.0165



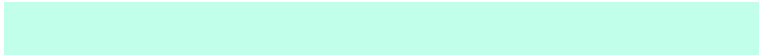
97.3198, 88.9875, 102.0343



86.3569, 88.9875, 66.0974

Rectangle

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



73.0035, 88.9875, 91.9259



75.7458, 88.9875, 122.2322



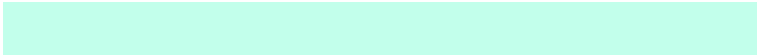
97.3198, 88.9875, 102.0343



94.0756, 88.9875, 75.3214

Sweetspot

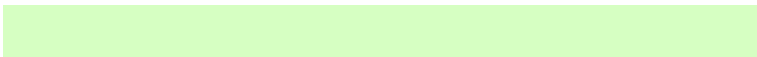
The Sweet Spot groups the original color and five complimentary colors.



73.0044, 88.9879, 91.9274



87.8571, 96.3991, 103.7199



73.3272, 89.7617, 64.5012



18.6786, 20.5701, 22.1065



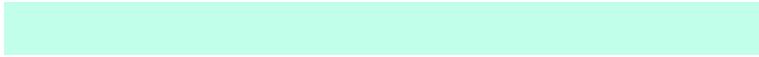
0.0000, 0.0000, 0.0000



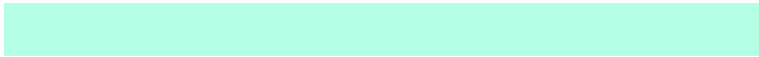
20.3446, 21.4041, 23.3091

Same Dimension

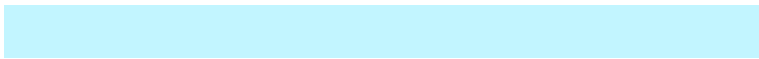
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0044, 88.9879, 91.9274



69.2171, 87.1055, 88.5853



72.9008, 83.8939, 106.9586



18.2867, 20.3742, 21.8129



22.6179, 38.9437, 26.9368



2.2526, 3.8120, 2.8881

Inverse Universe

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



72.6699, 64.6996, 72.2767



68.8291, 58.7501, 65.6563



72.6108, 68.4210, 60.4198



18.2549, 18.0853, 19.9594



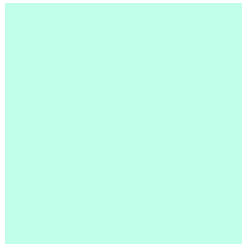
22.4377, 11.4644, 5.6892



2.2326, 1.1354, 0.8061

Previews

White Background



This preview shows how the XYZ color 73.0035, 88.9875, 91.9259 looks on a white background.

Color Contrast Check

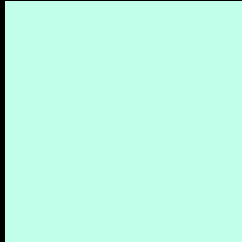
Large Text (above 18pt) WCAG AA × Fail

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 73.0035, 88.9875, 91.9259 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 73.0035, 88.9875, 91.9259

Background



This preview shows how black text looks on a background with the XYZ color 73.0035, 88.9875, 91.9259.



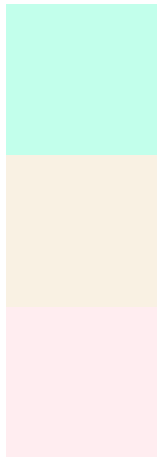
This preview shows how white text looks on a background with the XYZ color 73.0035, 88.9875,

91.9259.

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

73.0035, 88.9875, 91.9259

Protanopia

84.3873, 88.5964, 85.3262

Deuteranopia

87.2524, 88.1196, 94.8482



Tritanopia

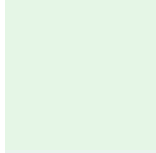
81.4429, 88.3721, 107.3728

Trichromacy



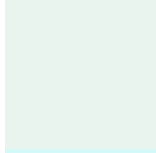
Original Color

73.0035, 88.9875, 91.9259



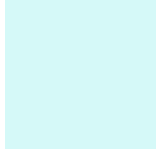
Protanomaly

79.5518, 88.2827, 87.7104



Deuteranomaly

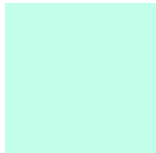
81.3876, 88.1981, 93.6233



Tritanomaly

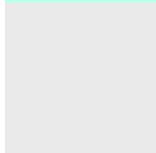
78.2595, 88.6748, 101.7982

Monochromacy



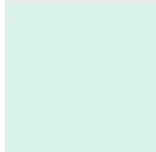
Original Color

73.0035, 88.9875, 91.9259



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.8168, 84.5048, 90.1570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0035, 88.9875, 91.9259 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(194, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 235)  
}
```

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(194, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 235) }
```

Border

The CSS property to change the border of an element to XYZ 73.0035, 88.9875, 91.9259 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(194, 255, 235) }
```


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

```
.border{ border-color:rgb(194, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0035, 88.9875, 91.9259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 235) }
```

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

```
.background{ background-color: rgb(194,  
255, 235) }
```

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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