

Converting Colors

XYZ(95.7459, 133.5419,
102.0354)

Have a look what the booklet for
XYZ(95.7459, 133.5419, 102.0354)
contains.

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Color

**XYZ(73.5881, 89.2213,
95.0043)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FFEF
RGB	194, 255, 239
RGB Percent	76%, 100%, 94%
CMY	0.2392, 0.0000, 0.0627
CMYK	0.24, 0.00, 0.06, 0.00
HSL	164°, 100%, 88%
HSV	164°, 24%, 100%
XYZ	73.5881, 89.2213, 95.0043
YIQ	234.9370, -31.2200, -17.9080

Conversions

Conversions Part 2

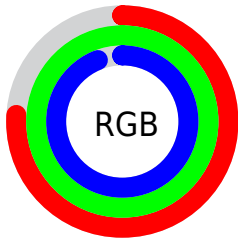
Format	Color
R_{YB}	194, 229, 255
Decimal	12779503
CIE _{Lab}	95.67, -22.23, 1.43
CIE _{LCh}	96, 22.274, 176.329
Yxy	89.2213, 0.2854, 0.3461
Android (android.graphics.Color)	4290969583 (0xFFC2FFEF)
YUV	234.9370, 2.0031, -35.9017
Hunter-Lab	94.4570, -26.2368, 6.4864

Details

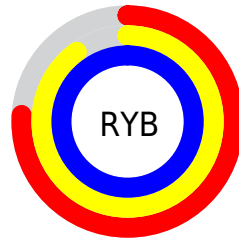
The XYZ color **73.5881, 89.2213, 95.0043** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.1653, 64.4978, 69.6189**, and the grayscale version is **78.9197, 83.0297, 90.4194**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **39.3888, 49.2960, 52.2388** is the 20% darker color. If you saturate the color by 10%, you get **66.6258, 85.7441, 89.6166**, and if you desaturate by 10%, it is **81.7118, 93.2929, 100.6401**.

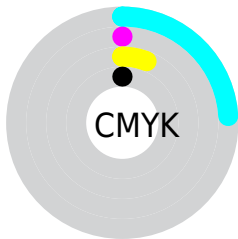
Distribution



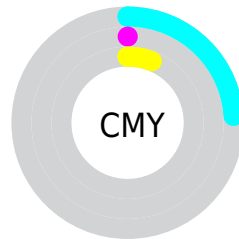
- Red (76%)
- Green (100%)
- Blue (94%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.5881, 89.2213, 95.0043 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 73.5881, 89.2213, 95.0043 by changing the saturation by 10% instead.


 73.5881, 89.2213,
95.0043

 73.5881, 89.2213,
95.0043


462.1228,
525.4945, 565.1634

 54.7471, 67.3350,
71.5416


 123.3104,
146.2563, 156.2662

 39.4323, 49.3569,
52.2998


154.9223,
182.1737, 194.9025

 27.2784, 34.9027,
36.8602


191.5220,
223.5370, 239.4337

 17.9201, 23.5879,
24.8043

233.4746,
270.7305, 290.2785

 10.9920, 15.0282,
15.7136

281.1457,
324.1386, 347.8553

 6.1287, 8.8392,
9.1696

334.9005,

 2.9649, 4.6364,

384.1457, 412.5827

4.7536

395.1045,
451.1362, 484.8792

■ 1.1352, 2.0356,
2.0473

■ 0.0543, 0.6280,
0.5841

■ 73.5881, 89.2213,
95.0043

■ 73.5881, 89.2213,
95.0043

■ 66.6258, 85.7441,
89.6166

■ 81.7118, 93.2929,
100.6401

■ 60.7643, 82.8303,
84.4679

■ 91.0477, 97.9852,
106.5241

■ 55.9418, 80.4480,
79.5545

95.0500, 100.0000,
108.9000

■ 52.0891, 78.5615,
74.8712

■ 49.1282, 77.1307,
70.4122

■ 46.9687, 76.1091,
66.1711

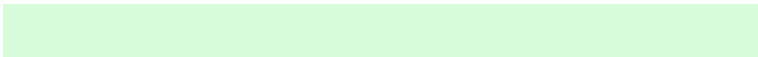
■ 45.5003, 75.4398,
62.1404

■ 44.8500, 75.1560,
59.7875

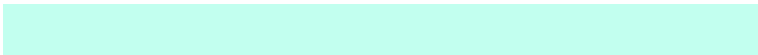
Harmonies

Analogous

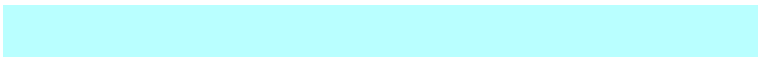
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3772, 89.2213, 79.6277



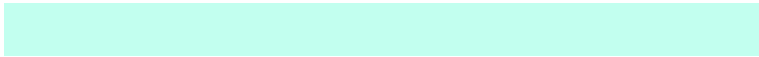
73.5881, 89.2213, 95.0043



74.6826, 89.2213, 112.8810

Triad

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



73.5881, 89.2213, 95.0043



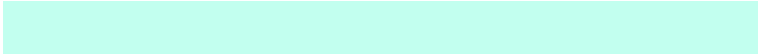
90.1315, 89.2213, 130.6058



91.4979, 89.2213, 71.7025

Complementary

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



73.5881, 89.2213, 95.0043



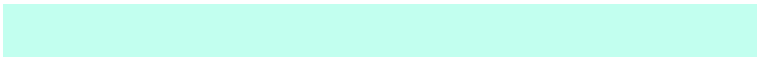
72.1653, 64.4978, 69.6189

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.



95.7969, 89.2213, 82.9472



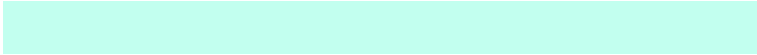
73.5881, 89.2213, 95.0043



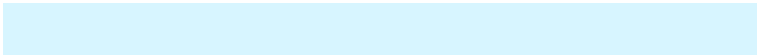
94.9818, 89.2213, 117.0637

Square

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



73.5881, 89.2213, 95.0043



84.0507, 89.2213, 134.8267



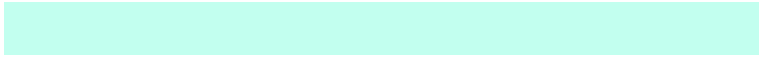
97.1013, 89.2213, 99.3213



85.5581, 89.2213, 67.2356

Rectangle

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



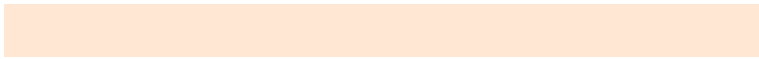
73.5881, 89.2213, 95.0043



76.9302, 89.2213, 123.6313



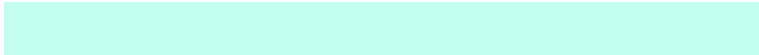
97.1013, 89.2213, 99.3213



93.1937, 89.2213, 74.7436

Sweetspot

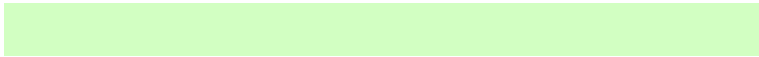
The Sweet Spot groups the original color and five complimentary colors.



73.5890, 89.2218, 95.0058



88.0405, 96.4725, 104.6853



72.1527, 89.1562, 64.4464



18.7211, 20.5871, 22.3304



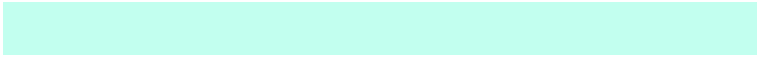
0.0000, 0.0000, 0.0000



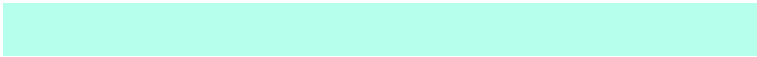
20.3446, 21.4041, 23.3091

Same Dimension

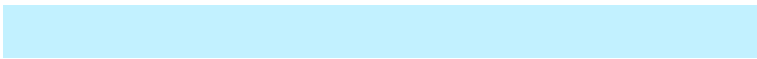
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5890, 89.2218, 95.0058



69.9107, 87.3830, 92.2381



71.6852, 81.4625, 106.5534



18.3395, 20.3953, 22.0906



23.4998, 39.2965, 31.5808



2.3330, 3.8441, 3.3115

Inverse Universe

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



72.1653, 64.4978, 69.6189



68.2515, 58.5191, 62.6149



73.5911, 70.3817, 60.7467



18.2049, 18.0653, 19.6963



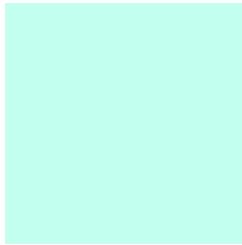
22.1280, 11.3405, 4.0584



2.1971, 1.1212, 0.6195

Previews

White Background



This preview shows how the XYZ color 73.5881, 89.2213, 95.0043 looks on a white background.

Color Contrast Check

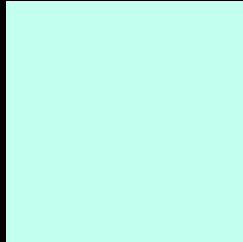
Large Text (above 18pt) WCAG AA × Fail

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 73.5881, 89.2213, 95.0043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

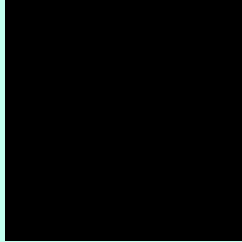
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

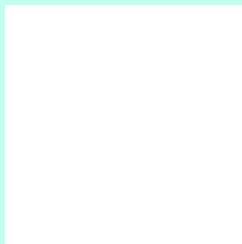
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5881, 89.2213, 95.0043

Background



This preview shows how black text looks on a background with the XYZ color 73.5881, 89.2213, 95.0043.

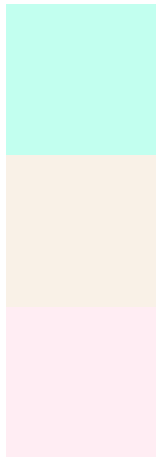


This preview shows how white text looks on a background with the XYZ color 73.5881, 89.2213,

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

73.5881, 89.2213, 95.0043

Protanopia

84.9460, 88.8199, 88.2681

Deuteranopia

87.7018, 88.2994, 97.2151



Tritanopia

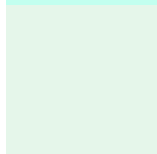
82.0571, 89.1391, 107.4884

Trichromacy



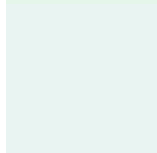
Original Color

73.5881, 89.2213, 95.0043



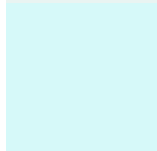
Protanomaly

80.1201, 88.5101, 90.7033



Deuteranomaly

81.9820, 88.4358, 96.7533



Tritanomaly

78.7061, 88.8871, 102.6312

Monochromacy



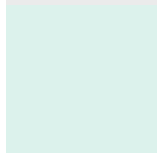
Original Color

73.5881, 89.2213, 95.0043



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.4077, 84.7760, 91.6932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5881, 89.2213, 95.0043 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 73.5881, 89.2213, 95.0043 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, 239) }
```


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

```
.border{ border-color:rgb(194, 255, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5881, 89.2213, 95.0043 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, 239) }
```

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

```
.background{ background-color: rgb(194,  
255, 239) }
```

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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