

Converting Colors

XYZ(78.8355, 100.0000,
97.1026)

Have a look what the booklet for
XYZ(78.8355, 100.0000, 97.1026)
contains.

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Color

**XYZ(73.3323, 89.0895,
94.9923)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FFEF
RGB	193, 255, 239
RGB Percent	76%, 100%, 94%
CMY	0.2431, 0.0000, 0.0627
CMYK	0.24, 0.00, 0.06, 0.00
HSL	165°, 100%, 88%
HSV	165°, 24%, 100%
XYZ	73.3323, 89.0895, 94.9923
YIQ	234.6380, -31.8160, -18.1200

Conversions

Conversions Part 2

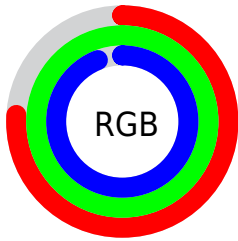
Format	Color
R _{YB}	193, 229, 255
Decimal	12713967
CIE Lab	95.62, -22.52, 1.34
CIE LCh	96, 22.563, 176.597
Yxy	89.0895, 0.2849, 0.3461
Android (android.graphics.Color)	4290904047 (0xFFC1FFEF)
YUV	234.6380, 2.1505, -36.5165
Hunter-Lab	94.3872, -26.4956, 6.4010

Details

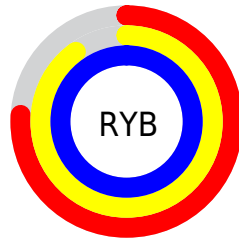
The XYZ color **73.3323, 89.0895, 94.9923** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.8192, 64.0045, 68.8908**, and the grayscale version is **78.6917, 82.7898, 90.1581**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **39.2226, 49.2103, 52.2310** is the 20% darker color. If you saturate the color by 10%, you get **66.4282, 85.6405, 89.6875**, and if you desaturate by 10%, it is **81.3944, 93.1312, 100.5389**.

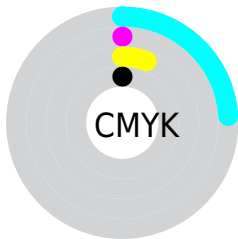
Distribution



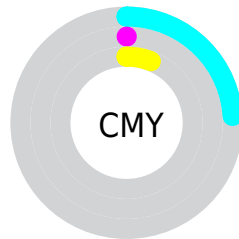
- Red (76%)
- Green (100%)
- Blue (94%)



- 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 73.3323, 89.0895, 94.9923 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 73.3323, 89.0895, 94.9923 by changing the saturation by 10% instead.


 73.3323, 89.0895,
94.9923

 73.3323, 89.0895,
94.9923


461.2517,
525.0646, 565.1240

 54.5371, 67.2257,
71.5317


 122.9494,
146.0730, 156.2495

 39.2636, 49.2681,
52.2917


154.5020,
181.9616, 194.8831

 27.1465, 34.8322,
36.8538


191.0378,
223.2938, 239.4115

 17.8204, 23.5336,
24.7994

232.9221,
270.4542, 290.2532

 10.9200, 14.9880,
15.7100

280.5203,
323.8270, 347.8268

 6.0800, 8.8110,
9.1671

334.1977,

 2.9349, 4.6181,

383.7968, 412.5508

4.7520

394.3197,
450.7478, 484.8437

■ 1.1194, 2.0250,
2.0463

■ 0.0413, 0.6219,
0.5835

■ 73.3323, 89.0895,
94.9923

■ 73.3323, 89.0895,
94.9923

■ 66.4282, 85.6405,
89.6875

■ 81.3944, 93.1312,
100.5389

■ 60.6215, 82.7533,
84.6154

■ 90.6654, 97.7921,
106.3274

■ 55.8501, 80.3958,
79.7727

95.0500, 100.0000,
108.9000

■ 52.0444, 78.5322,
75.1541

■ 49.1262, 77.1222,
70.7538

■ 47.0046, 76.1189,
66.5655

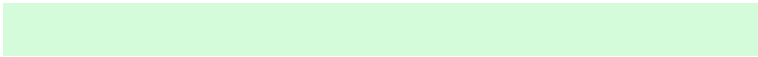
■ 45.5680, 75.4650,
62.5820

■ 44.9669, 75.2028,
60.4028

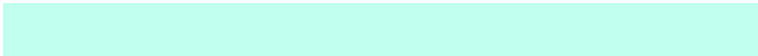
Harmonies

Analogous

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



75.1154, 89.0895, 79.4060



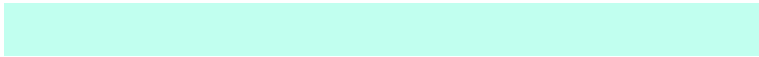
73.3323, 89.0895, 94.9923



74.4645, 89.0895, 113.0953

Triad

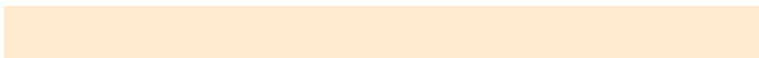
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3323, 89.0895, 94.9923



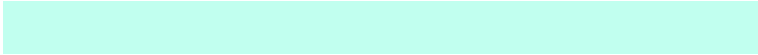
90.1237, 89.0895, 130.8228



91.4064, 89.0895, 71.2163

Complementary

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



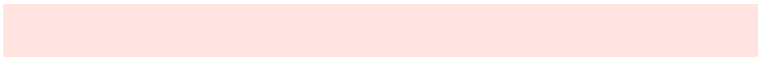
73.3323, 89.0895, 94.9923



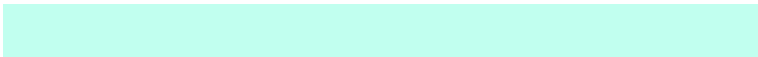
71.8192, 64.0045, 68.8908

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.



95.7828, 89.0895, 82.5151



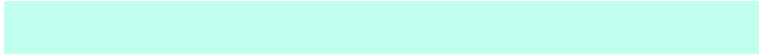
73.3323, 89.0895, 94.9923



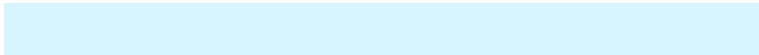
95.0172, 89.0895, 117.0255

Square

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



73.3323, 89.0895, 94.9923



83.9718, 89.0895, 135.2049



97.1350, 89.0895, 99.0425



85.3860, 89.0895, 66.7744

Rectangle

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



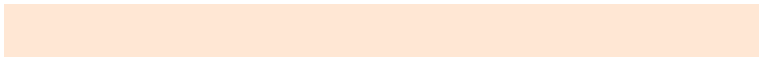
73.3323, 89.0895, 94.9923



76.7517, 89.0895, 123.9645



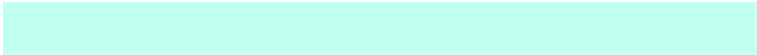
97.1350, 89.0895, 99.0425



93.1297, 89.0895, 74.2655

Sweetspot

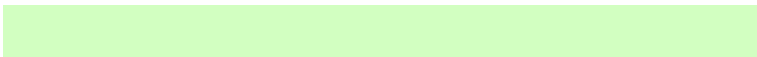
The Sweet Spot groups the original color and five complimentary colors.



73.3332, 89.0899, 94.9938



88.0523, 96.4772, 104.7478



71.8321, 89.0039, 63.8470



18.7238, 20.5882, 22.3449



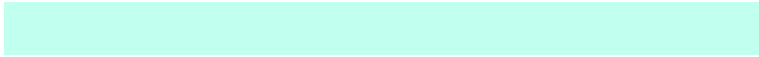
0.0000, 0.0000, 0.0000



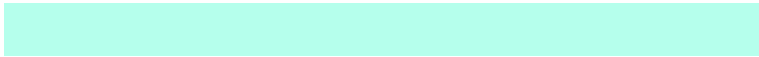
20.3446, 21.4041, 23.3091

Same Dimension

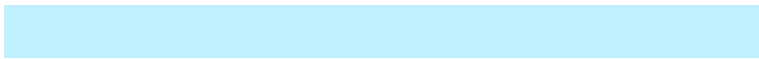
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3332, 89.0899, 94.9938



69.9561, 87.4011, 92.4771



71.3604, 81.1928, 106.5184



18.3429, 20.3967, 22.1086



23.5603, 39.3207, 31.8993



2.3385, 3.8463, 3.3403

Inverse Universe

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



71.8192, 64.0045, 68.8908



68.2149, 58.5044, 62.4219



73.2924, 69.9634, 60.0948



18.2017, 18.0640, 19.6794



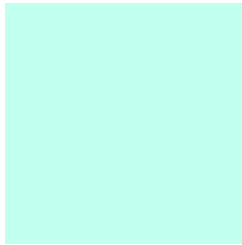
22.1106, 11.3335, 3.9670



2.1951, 1.1204, 0.6086

Previews

White Background



This preview shows how the XYZ color 73.3323, 89.0895, 94.9923 looks on a white background.

Color Contrast Check

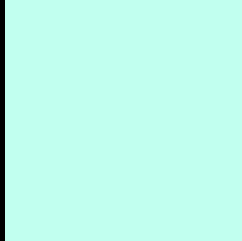
Large Text (above 18pt) WCAG AA × Fail

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 73.3323, 89.0895, 94.9923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

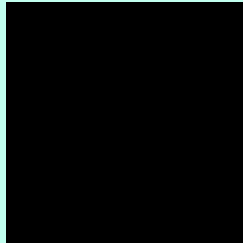
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

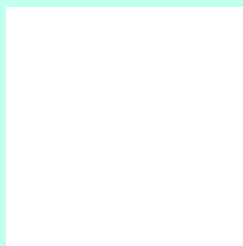
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3323, 89.0895, 94.9923

Background



This preview shows how black text looks on a background with the XYZ color 73.3323, 89.0895, 94.9923.

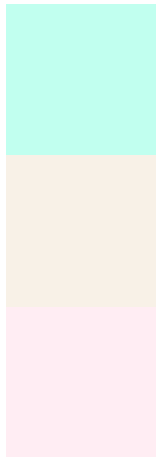


This preview shows how white text looks on a background with the XYZ color 73.3323, 89.0895,

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

73.3323, 89.0895, 94.9923

Protanopia

84.5905, 88.6366, 88.2515

Deuteranopia

87.7018, 88.2994, 97.2151



Tritanopia

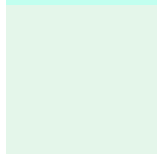
81.7462, 88.9788, 107.4739

Trichromacy



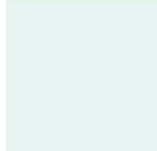
Original Color

73.3323, 89.0895, 94.9923



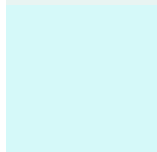
Protanomaly

79.8020, 88.3460, 90.6884



Deuteranomaly

81.6564, 88.2680, 96.7381



Tritanomaly

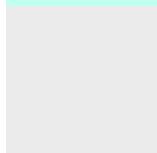
78.4151, 88.7371, 102.6176

Monochromacy



Original Color

73.3323, 89.0895, 94.9923



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 73.3323, 89.0895, 94.9923 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(193, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 73.3323, 89.0895, 94.9923 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(193, 255, 239) }
```


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

```
.border{ border-color:rgb(193, 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(193, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(193, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3323, 89.0895, 94.9923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 255, 239) }
```

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

```
.background{ background-color: rgb(193,  
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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