

Converting Colors

XYZ(73.3575, 88.9793,
100.5563)

Have a look what the booklet for
XYZ(73.3575, 88.9793, 100.5563)
contains.

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Color

**XYZ(73.3808, 88.9926,
100.4985)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDFFF6</code>
RGB	189, 255, 246
RGB Percent	74%, 100%, 96%
CMY	0.2588, 0.0000, 0.0353
CMYK	0.26, 0.00, 0.04, 0.00
HSL	172°, 100%, 87%
HSV	172°, 26%, 100%
XYZ	73.3808, 88.9926, 100.4985
YIQ	234.2400, -36.4470, -16.7910

Conversions

Conversions Part 2

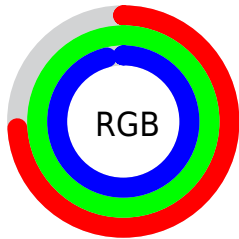
Format	Color
RYB	189, 224, 255
Decimal	12451830
CIELab	95.58, -22.25, -2.35
CIELCh	96, 22.372, 186.040
Yxy	88.9926, 0.2792, 0.3385
Android (android.graphics.Color)	4290641910 (0xFFBDFFF6)
YUV	234.2400, 5.7977, -39.6755
Hunter-Lab	94.3359, -26.2385, 2.8719

Details

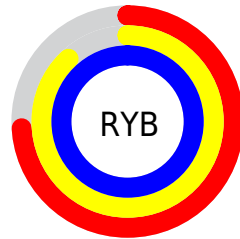
The XYZ color **73.3808, 88.9926, 100.4985** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.6314, 61.7337, 61.6725**, and the grayscale version is **78.3656, 82.4467, 89.7845**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **39.3199, 49.1742, 56.1344** is the 20% darker color. If you saturate the color by 10%, you get **67.0734, 85.8021, 97.4448**, and if you desaturate by 10%, it is **80.8122, 92.7614, 103.6598**.

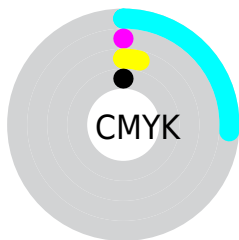
Distribution



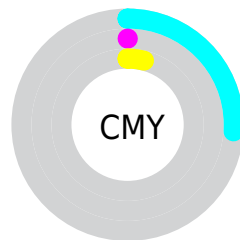
- Red (74%)
- Green (100%)
- Blue (96%)



- Red (74%)
- Yellow (88%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (26%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3808, 88.9926, 100.4985 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 73.3808, 88.9926, 100.4985 by changing the saturation by 10% instead.

 73.3808, 88.9926,
100.4985

 73.3808, 88.9926,
100.4985


461.4169,
524.7483, 583.0501

 54.5769, 67.1454,
76.0977


 123.0179,
145.9383, 163.8999

 39.2956, 49.2028,
56.0055

154.5817,
181.8056, 203.7376

 27.1715, 34.7804,
39.8033

191.1296,
223.1150, 249.5581

 17.8393, 23.4938,
27.0726

233.0269,
270.2510, 301.7798

 10.9337, 14.9585,
17.3948

280.6389,
323.5979, 360.8213

 6.0892, 8.7903,
10.3515

334.3310,

 2.9406, 4.6046,

383.5402, 427.1011

5.5240

394.4686,
450.4622, 501.0379

■ 1.1224, 2.0172,
2.4938

■ 0.0437, 0.6174,
0.8369

■ 73.3808, 88.9926,
100.4985

■ 73.3808, 88.9926,
100.4985

■ 67.0734, 85.8021,
97.4448

■ 80.8122, 92.7614,
103.6598

■ 61.8288, 83.1584,
94.4913

■ 89.4186, 97.1348,
106.9272

■ 57.5844, 81.0291,
91.6361

95.0500, 100.0000,
108.9000

■ 54.2697, 79.3780,
88.8758

■ 51.8052, 78.1640,
86.2063

■ 50.0976, 77.3391,
83.6229

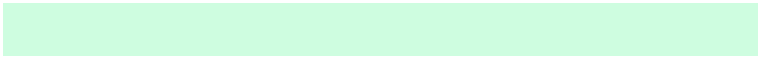
■ 49.0314, 76.8438,
81.1200

■ 48.7091, 76.6997,
80.1092

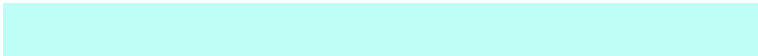
Harmonies

Analogous

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



74.2499, 88.9926, 83.8071



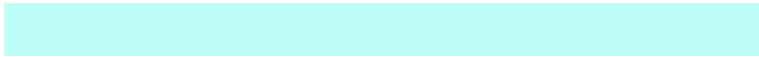
73.3808, 88.9926, 100.4985



75.3944, 88.9926, 118.1795

Triad

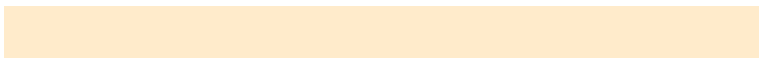
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3808, 88.9926, 100.4985



91.7215, 88.9926, 126.8851



89.4697, 88.9926, 69.1716

Complementary

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



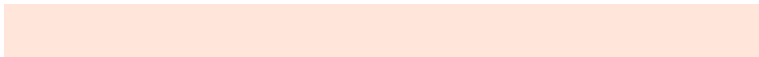
73.3808, 88.9926, 100.4985



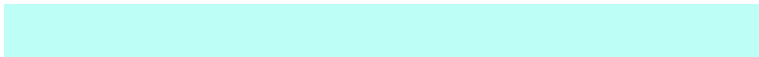
69.6314, 61.7337, 61.6725

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.



94.4933, 88.9926, 78.3379



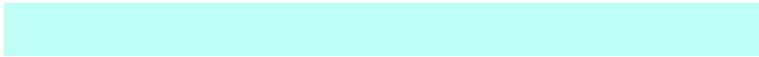
73.3808, 88.9926, 100.4985



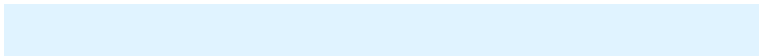
95.8368, 88.9926, 111.2853

Square

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



73.3808, 88.9926, 100.4985



85.8329, 88.9926, 134.5543



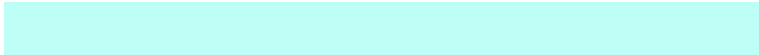
96.8749, 88.9926, 93.3842



83.3489, 88.9926, 67.0173

Rectangle

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



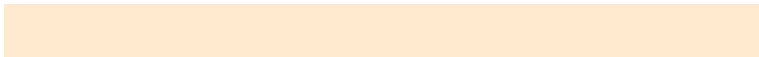
73.3808, 88.9926, 100.4985



78.1606, 88.9926, 127.7292



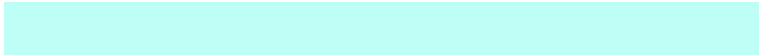
96.8749, 88.9926, 93.3842



91.3517, 88.9926, 71.4758

Sweetspot

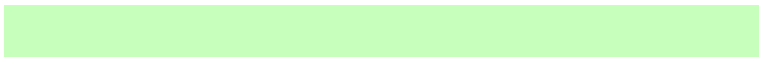
The Sweet Spot groups the original color and five complimentary colors.



73.3818, 88.9931, 100.5000



87.4944, 96.1563, 106.2258



68.4729, 87.3230, 61.3919



18.4420, 20.4363, 22.6307



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

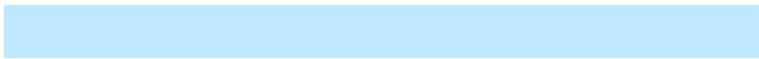
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3818, 88.9931, 100.5000



70.0161, 87.2894, 98.9232



67.8657, 75.6967, 105.6418



18.4420, 20.4363, 22.6307



25.4928, 40.0937, 42.0759



2.5103, 3.9151, 4.2451

Inverse Universe

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



69.6314, 61.7337, 61.6725



65.6961, 55.8673, 54.1820



73.9946, 72.0722, 58.1571



18.1102, 18.0274, 19.1975



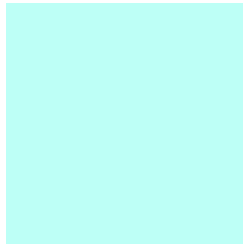
21.7361, 11.1837, 1.9948



2.1457, 1.1007, 0.3490

Previews

White Background



This preview shows how the XYZ color 73.3808, 88.9926, 100.4985 looks on a white background.

Color Contrast Check

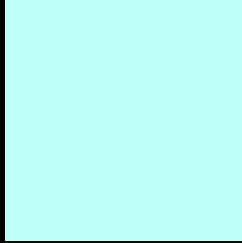
Large Text (above 18pt) WCAG AA × Fail

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 73.3808, 88.9926, 100.4985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

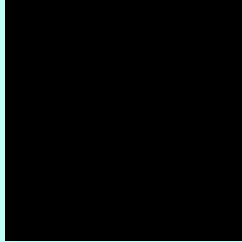
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

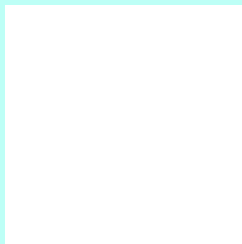
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3808, 88.9926, 100.4985

Background



This preview shows how black text looks on a background with the XYZ color 73.3808, 88.9926, 100.4985.

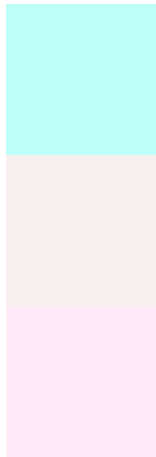


This preview shows how white text looks on a background with the XYZ color 73.3808, 88.9926,

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

73.3808, 88.9926, 100.4985

Protanopia

84.9505, 88.2674, 93.4489

Deuteranopia

88.1787, 88.0282, 101.1506



Tritanopia

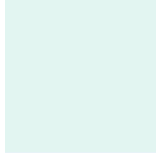
81.1300, 88.6611, 107.4450

Trichromacy



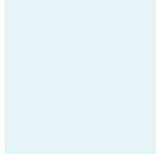
Original Color

73.3808, 88.9926, 100.4985



Protanomaly

79.8936, 87.8244, 95.9601



Deuteranomaly

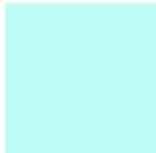
81.7941, 87.8055, 100.6328



Tritanomaly

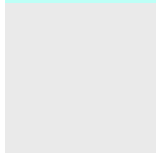
78.0247, 88.4813, 105.0617

Monochromacy



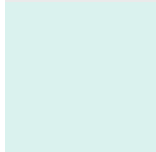
Original Color

73.3808, 88.9926, 100.4985



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.0982, 84.5827, 93.2042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3808, 88.9926, 100.4985 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(189, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 246)  
}
```

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(189, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 246) }
```

Border

The CSS property to change the border of an element to XYZ 73.3808, 88.9926, 100.4985 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(189, 255, 246) }
```


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

```
.border{ border-color:rgb(189, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3808, 88.9926, 100.4985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 246) }
```

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

```
.background{ background-color: rgb(189,  
255, 246) }
```

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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