

Converting Colors

XYZ(74.4060, 89.6687, 93.8792)

Have a look what the booklet for
XYZ(74.4060, 89.6687, 93.8792)
contains.

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Color

**XYZ(74.3348, 89.6402,
93.5052)**

Conversions

Conversions Part 1

Format	Color
Hex	C6FFED
RGB	198, 255, 237
RGB Percent	78%, 100%, 93%
CMY	0.2235, 0.0000, 0.0706
CMYK	0.22, 0.00, 0.07, 0.00
HSL	161°, 100%, 89%
HSV	161°, 22%, 100%
XYZ	74.3348, 89.6402, 93.5052
YIQ	235.9050, -28.1940, -17.6820

Conversions

Conversions Part 2

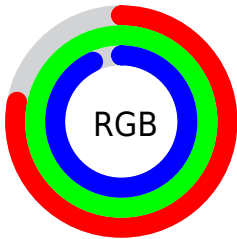
Format	Color
RYB	198, 232, 255
Decimal	13041645
CIELab	95.85, -21.43, 2.74
CIELCh	96, 21.607, 172.722
Yxy	89.6402, 0.2887, 0.3481
Android (android.graphics.Color)	4291231725 (0xFFC6FFED)
YUV	235.9050, 0.5398, -33.2427
Hunter-Lab	94.6785, -25.5419, 7.7197

Details

The XYZ color **74.3348, 89.6402, 93.5052** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.8294, 66.6072, 73.9314**, and the grayscale version is **79.6674, 83.8163, 91.2759**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8623, 49.5640, 51.1819** is the 20% darker color. If you saturate the color by 10%, you get **67.0196, 86.0020, 87.1597**, and if you desaturate by 10%, it is **82.8362, 93.8838, 100.1849**.

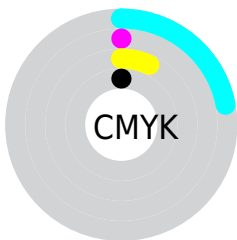
Distribution



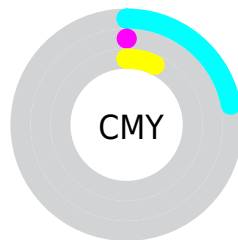
- Red (78%)
- Green (100%)
- Blue (93%)



- Red (78%)
- Yellow (91%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3348, 89.6402, 93.5052 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 74.3348, 89.6402, 93.5052 by changing the saturation by 10% instead.


 74.3348, 89.6402,
93.5052

 74.3348, 89.6402,
93.5052


464.6606,
526.8597, 560.2300

 55.3604, 67.6823,
70.3015


124.3632,
146.8385, 154.1756

 39.9253, 49.6393,
51.2940


156.1480,
182.8477, 192.4794

 27.6643, 35.1269,
36.0643


192.9335,
224.3094, 236.6536

 18.2119, 23.7606,
24.1938

235.0852,
271.6080, 287.1168

 11.2028, 15.1561,
15.2639

282.9684,
325.1280, 344.2875

 6.2717, 8.9290,
8.8561

336.9484,

 3.0532, 4.6949,

385.2537, 408.5842

4.5519

397.3907,
452.3694, 480.4255

■ 1.1820, 2.0694,
1.9328

■ 0.0921, 0.6473,
0.5135

■ 74.3348, 89.6402,
93.5052

■ 74.3348, 89.6402,
93.5052

■ 67.0196, 86.0020,
87.1597

■ 82.8362, 93.8838,
100.1849

■ 60.8306, 82.9383,
81.1377

■ 92.5744, 98.7588,
107.2004

■ 55.7064, 80.4176,
75.4341

■ 95.0500, 100.0000,
108.9000

■ 51.5786, 78.4047,
70.0420

■ 48.3706, 76.8602,
64.9541

■ 45.9939, 75.7386,
60.1622

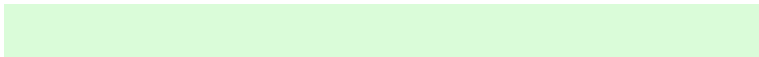
■ 44.3417, 74.9849,
55.6574

■ 43.4467, 74.5947,
52.3978

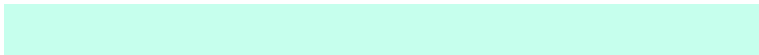
Harmonies

Analogous

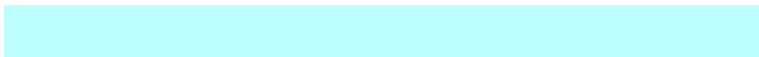
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4064, 89.6402, 79.0497



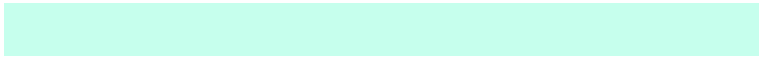
74.3348, 89.6402, 93.5052



75.0646, 89.6402, 110.8314

Triad

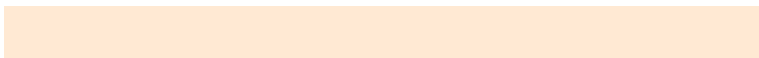
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3348, 89.6402, 93.5052



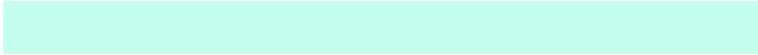
89.7021, 89.6402, 131.0998



92.3289, 89.6402, 73.7560

Complementary

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



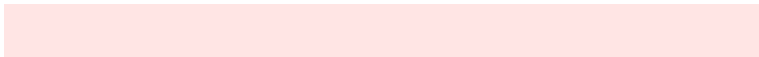
74.3348, 89.6402, 93.5052



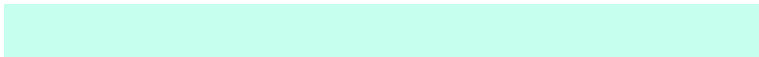
73.8294, 66.6072, 73.9314

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.



96.2096, 89.6402, 85.4714



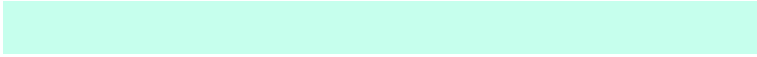
74.3348, 89.6402, 93.5052



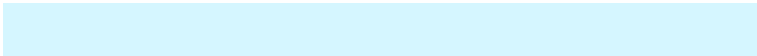
94.6444, 89.6402, 118.8533

Square

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



74.3348, 89.6402, 93.5052



83.7572, 89.6402, 133.8972



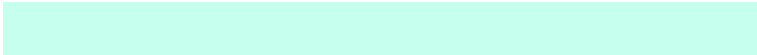
97.0762, 89.6402, 101.8187



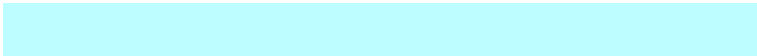
86.6599, 89.6402, 68.5425

Rectangle

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



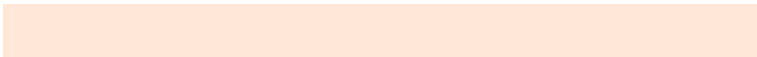
74.3348, 89.6402, 93.5052



77.0585, 89.6402, 121.5957



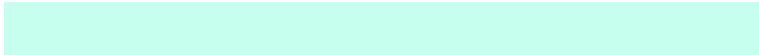
97.0762, 89.6402, 101.8187



93.8964, 89.6402, 76.9941

Sweetspot

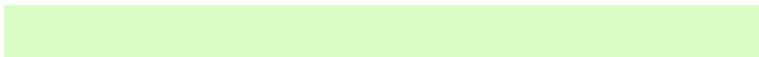
The Sweet Spot groups the original color and five complimentary colors.



74.3357, 89.6406, 93.5067



87.8908, 96.4126, 103.8972



74.2875, 90.2041, 66.9234



18.6864, 20.5733, 22.1476



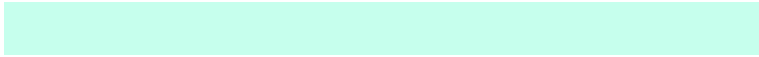
0.0000, 0.0000, 0.0000



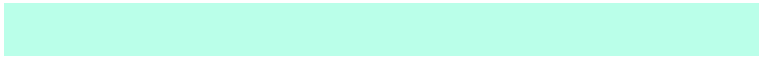
20.3446, 21.4041, 23.3091

Same Dimension

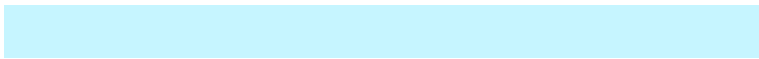
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3357, 89.6406, 93.5067



70.7912, 87.8759, 90.5157



73.8559, 84.2592, 106.9788



18.2964, 20.3781, 21.8639



22.7725, 39.0056, 27.7512



2.2668, 3.8177, 2.9630

Inverse Universe

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



73.8294, 66.6072, 73.9314



70.2023, 60.9897, 67.6762



74.0996, 70.6698, 63.1628



18.2457, 18.0816, 19.9108



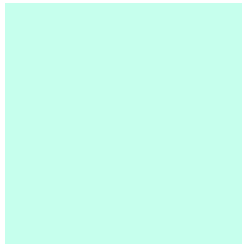
22.3748, 11.4392, 5.3581



2.2256, 1.1326, 0.7692

Previews

White Background



This preview shows how the XYZ color 74.3348, 89.6402, 93.5052 looks on a white background.

Color Contrast Check

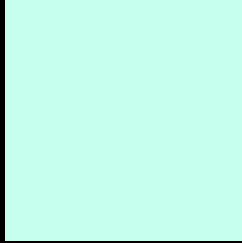
Large Text (above 18pt) WCAG AA × Fail

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 74.3348, 89.6402, 93.5052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

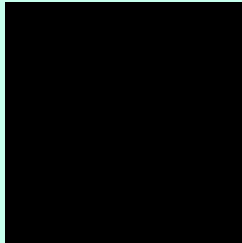
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

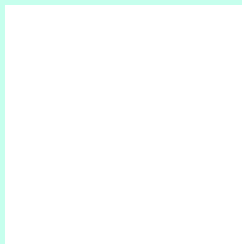
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3348, 89.6402, 93.5052

Background



This preview shows how black text looks on a background with the XYZ color 74.3348, 89.6402, 93.5052.



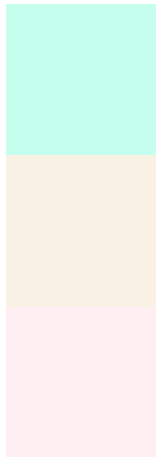
This preview shows how white text looks on a background with the XYZ color 74.3348, 89.6402,

93.5052.

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

74.3348, 89.6402, 93.5052

Protanopia

85.0225, 88.8917, 86.8054

Deuteranopia

87.8415, 88.8199, 96.5186



Tritanopia

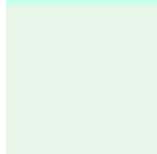
82.6843, 89.4624, 107.5178

Trichromacy



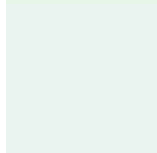
Original Color

74.3348, 89.6402, 93.5052



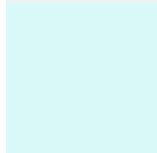
Protanomaly

80.4763, 88.7267, 89.2283



Deuteranomaly

82.0105, 88.4851, 95.1950



Tritanomaly

79.1379, 89.1276, 101.8393

Monochromacy



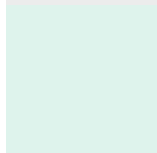
Original Color

74.3348, 89.6402, 93.5052



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.3151, 85.6869, 91.8212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3348, 89.6402, 93.5052 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(198, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 237)  
}
```

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(198, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 237) }
```

Border

The CSS property to change the border of an element to XYZ 74.3348, 89.6402, 93.5052 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(198, 255, 237) }
```


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

```
.border{ border-color:rgb(198, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3348, 89.6402, 93.5052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 237) }
```

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

```
.background{ background-color: rgb(198,  
255, 237) }
```

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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