

Converting Colors

XYZ(73.3940, 88.9893,
100.9559)

Have a look what the booklet for
XYZ(73.3940, 88.9893, 100.9559)
contains.

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Color

**XYZ(73.5348, 89.0542,
101.3092)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDFFF7</code>
RGB	<code>189, 255, 247</code>
RGB Percent	<code>74%, 100%, 97%</code>
CMY	<code>0.2588, 0.0000, 0.0314</code>
CMYK	<code>0.26, 0.00, 0.03, 0.00</code>
HSL	<code>173°, 100%, 87%</code>
HSV	<code>173°, 26%, 100%</code>
XYZ	<code>73.5348, 89.0542, 101.3092</code>
YIQ	<code>234.3540, -36.7680, -16.4800</code>

Conversions

Conversions Part 2

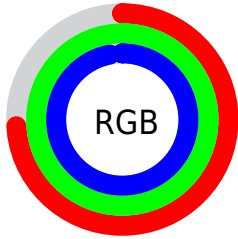
Format	Color
RYB	189, 224, 255
Decimal	12451831
CIELab	95.60, -22.04, -2.83
CIELCh	96, 22.220, 187.322
Yxy	89.0542, 0.2786, 0.3375
Android (android.graphics.Color)	4290641911 (0xFFBDF7)
YUV	234.3540, 6.2345, -39.7755
Hunter-Lab	94.3685, -26.0524, 2.4073

Details

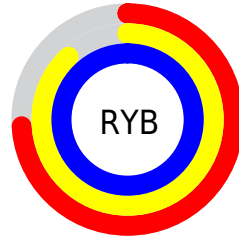
The XYZ color **73.5348, 89.0542, 101.3092** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.5164, 61.6878, 61.0671**, and the grayscale version is **78.4490, 82.5345, 89.8800**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **39.4296, 49.2181, 56.7121** is the 20% darker color. If you saturate the color by 10%, you get **67.2832, 85.8860, 98.5490**, and if you desaturate by 10%, it is **80.9084, 92.7999, 104.1661**.

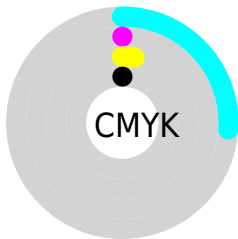
Distribution



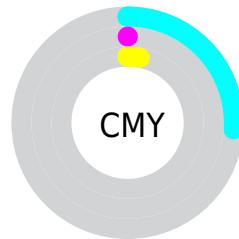
- Red (74%)
- Green (100%)
- Blue (97%)



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



- Cyan (26%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5348, 89.0542, 101.3092 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 73.5348, 89.0542, 101.3092 by changing the saturation by 10% instead.

73.5348, 89.0542,
101.3092

73.5348, 89.0542,
101.3092

461.9414,
524.9494, 585.6645

54.7033, 67.1965,
76.7714

123.2352,
146.0239, 165.0227

39.3971, 49.2443,
56.5548

154.8348,
181.9047, 205.0355

27.2509, 34.8133,
40.2410

191.4211,
223.2287, 251.0436

17.8993, 23.5191,
27.4112

233.3595,
270.3802, 303.4658

10.9770, 14.9773,
17.6472

281.0154,
323.7436, 362.7204

6.1185, 8.8034,
10.5302

334.7541,

2.9586, 4.6132,

383.7033, 429.2260

5.6417

394.9410,
450.6438, 503.4012

■ 1.1319, 2.0222,
2.5632

■ 0.0516, 0.6203,
0.8734

■ 73.5348, 89.0542,
101.3092

■ 73.5348, 89.0542,
101.3092

■ 67.2832, 85.8860,
98.5490

■ 80.9084, 92.7999,
104.1661


■ 62.0922, 83.2637,
95.8780


■ 89.4550, 97.1493,
107.1179


■ 57.8994, 81.1551,
93.2946


95.0500, 100.0000,
108.9000

■ 54.6343, 79.5238,
90.7953

 52.2172, 78.3288,
88.3761

 50.5552, 77.5221,
86.0326

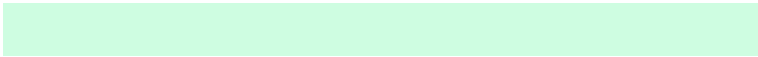
 49.5326, 77.0442,
83.7591

 49.2276, 76.9071,
82.8397

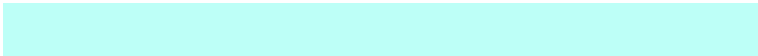
Harmonies

Analogous

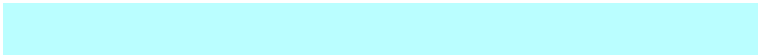
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2758, 89.0542, 84.5818



73.5348, 89.0542, 101.3092



75.6544, 89.0542, 118.7900

Triad

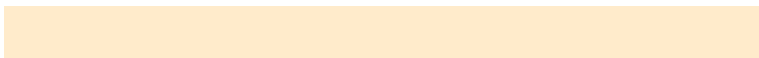
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5348, 89.0542, 101.3092



91.9556, 89.0542, 126.2060



89.2465, 89.0542, 69.1560

Complementary

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



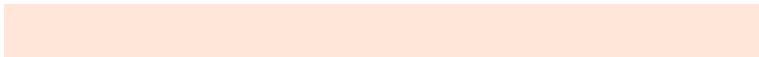
73.5348, 89.0542, 101.3092



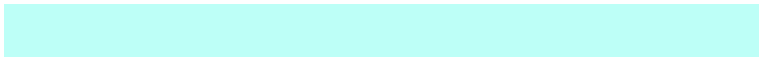
69.5164, 61.6878, 61.0671

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.



94.3175, 89.0542, 77.9915



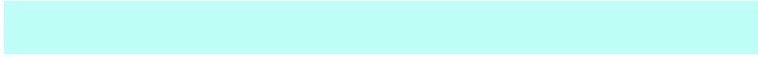
73.5348, 89.0542, 101.3092



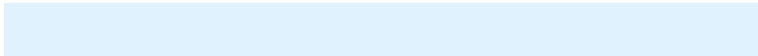
95.9333, 89.0542, 110.5011

Square

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



73.5348, 89.0542, 101.3092



86.1470, 89.0542, 134.2436



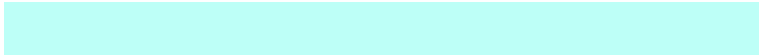
96.8178, 89.0542, 92.7466



83.1573, 89.0542, 67.3180

Rectangle

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



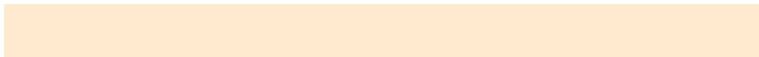
73.5348, 89.0542, 101.3092



78.4673, 89.0542, 128.0762



96.8178, 89.0542, 92.7466



91.1353, 89.0542, 71.3499

Sweetspot

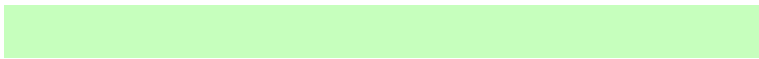
The Sweet Spot groups the original color and five complimentary colors.



73.5358, 89.0547, 101.3107



87.5435, 96.1759, 106.4843



68.1824, 87.1732, 61.3784



18.4545, 20.4413, 22.6963



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

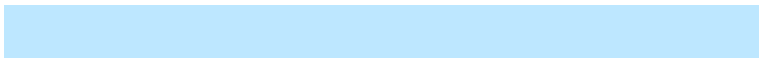
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5358, 89.0547, 101.3107



70.1988, 87.3625, 99.8855



67.5573, 75.0798, 105.5389



18.4545, 20.4413, 22.6963



25.7600, 40.2006, 43.4830



2.5337, 3.9244, 4.3684

Inverse Universe

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



69.5164, 61.6878, 61.0671



65.5686, 55.8163, 53.5107



74.2707, 72.6244, 58.2493



18.0989, 18.0229, 19.1380



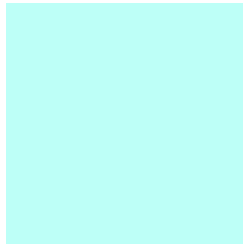
21.7052, 11.1714, 1.8323



2.1405, 1.0986, 0.3211

Previews

White Background



This preview shows how the XYZ color 73.5348, 89.0542, 101.3092 looks on a white background.

Color Contrast Check

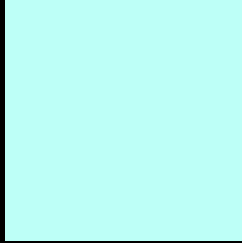
Large Text (above 18pt) WCAG AA × Fail

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 73.5348, 89.0542, 101.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

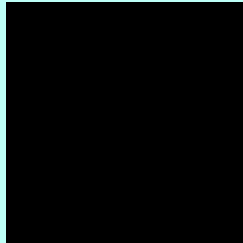
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

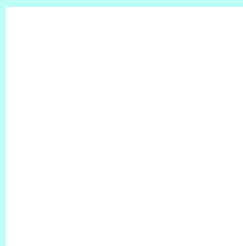
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5348, 89.0542, 101.3092

Background



This preview shows how black text looks on a background with the XYZ color 73.5348, 89.0542, 101.3092.

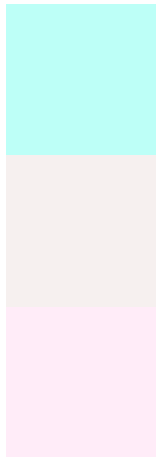


This preview shows how white text looks on a background with the XYZ color 73.5348, 89.0542,

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

73.5348, 89.0542, 101.3092

Protanopia

84.7461, 88.1450, 94.2084

Deuteranopia

88.1787, 88.0282, 101.1506



Tritanopia

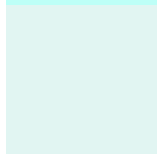
81.4372, 88.8195, 107.4594

Trichromacy



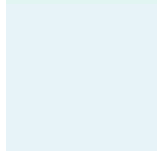
Original Color

73.5348, 89.0542, 101.3092



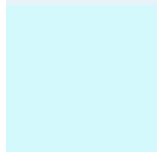
Protanomaly

79.7308, 87.7232, 96.7344



Deuteranomaly

81.9489, 87.8674, 101.4479



Tritanomaly

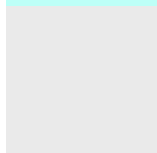
78.3103, 88.6285, 105.0751

Monochromacy



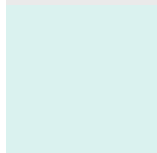
Original Color

73.5348, 89.0542, 101.3092



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.2456, 84.6417, 93.9803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5348, 89.0542, 101.3092 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 247) }
```

Border

The CSS property to change the border of an element to XYZ 73.5348, 89.0542, 101.3092 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, 247) }
```


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

```
.border{ border-color:rgb(189, 255, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5348, 89.0542, 101.3092 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, 247) }
```

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

```
.background{ background-color: rgb(189,  
255, 247) }
```

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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