

Converting Colors

XYZ(74.4735, 89.4947,
103.3165)

Have a look what the booklet for
XYZ(74.4735, 89.4947, 103.3165)
contains.

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Color

**XYZ(74.3447, 89.4359,
102.9670)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BFFFF9 |
| RGB | 191, 255, 249 |
| RGB Percent | 75%, 100%, 98% |
| CMY | 0.2510, 0.0000, 0.0235 |
| CMYK | 0.25, 0.00, 0.02, 0.00 |
| HSL | 174°, 100%, 87% |
| HSV | 174°, 25%, 100% |
| XYZ | 74.3447, 89.4359, 102.9670 |
| YIQ | 235.1800, -36.2180, -15.4340 |

Conversions

Conversions Part 2

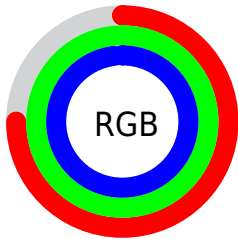
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 191, 225, 255 |
| Decimal | 12582905 |
| CIE Lab | 95.76, -21.05, -3.62 |
| CIE LCh | 96, 21.354, 189.751 |
| Yxy | 89.4359, 0.2787, 0.3353 |
| Android (android.graphics.Color) | 4290772985 (0xFFBFFF9) |
| YUV | 235.1800, 6.8133, -38.7459 |
| Hunter-Lab | 94.5706, -25.1744, 1.6453 |

Details

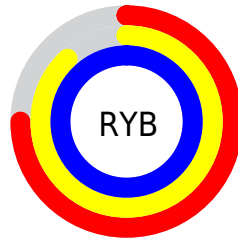
The XYZ color **74.3447, 89.4359, 102.9670** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.9496, 62.5541, 61.2113**, and the grayscale version is **79.0720, 83.1899, 90.5938**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **39.9731, 49.4727, 57.8945** is the 20% darker color. If you saturate the color by 10%, you get **68.1105, 86.2648, 100.7429**, and if you desaturate by 10%, it is **81.7021, 93.1854, 105.2714**.

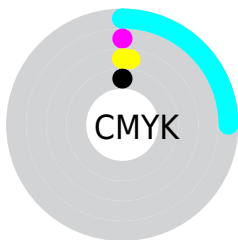
Distribution



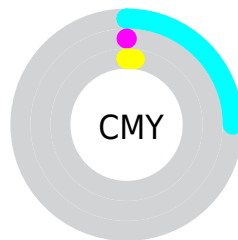
- Red (75%)
- Green (100%)
- Blue (98%)



- Red (75%)
- Yellow (88%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3447, 89.4359, 102.9670 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 74.3447, 89.4359, 102.9670 by changing the saturation by 10% instead.

74.3447, 89.4359,
102.9670

74.3447, 89.4359,
102.9670

464.6941,
526.1941, 590.9916

55.3685, 67.5129,
78.1501

124.3772,
146.5546, 167.3159

39.9318, 49.5015,
57.6801

156.1642,
182.5190, 207.6849

27.6694, 35.0175,
41.1385

192.9522,
223.9328, 254.0751

18.2158, 23.6764,
28.1068

235.1065,
271.1801, 306.9049

11.2056, 15.0937,
18.1664

282.9925,
324.6456, 366.5929

6.2736, 8.8852,
10.8989

336.9755,

3.0544, 4.6664,

384.7135, 433.5577

5.8856

397.4210,
451.7682, 508.2177

■ 1.1826, 2.0529,
2.7080

■ 0.0926, 0.6379,
0.9474

■ 74.3447, 89.4359,
102.9670

■ 74.3447, 89.4359,
102.9670

■ 68.1105, 86.2648,
100.7429

■ 81.7021, 93.1854,
105.2714

■ 62.9385, 83.6408,
98.5917

■ 90.2333, 97.5395,
107.6540

■ 58.7668, 81.5319,
96.5119

95.0500, 100.0000,
108.9000

■ 55.5254, 79.9021,
94.5001

■ 53.1358, 78.7108,
92.5525

■ 51.5060, 77.9107,
90.6649

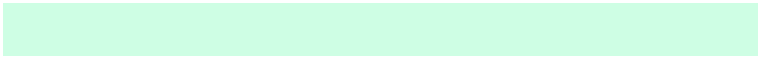
■ 50.5229, 77.4435,
88.8317

■ 50.1979, 77.2952,
87.9490

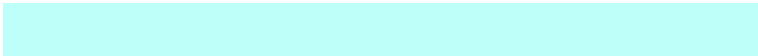
Harmonies

Analogous

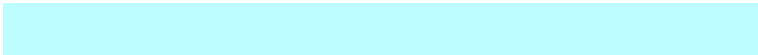
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8354, 89.4359, 86.5996



74.3447, 89.4359, 102.9670



76.6078, 89.4359, 119.5841

Triad

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



74.3447, 89.4359, 102.9670



92.4415, 89.4359, 124.4524



88.9790, 89.4359, 70.0551

Complementary

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



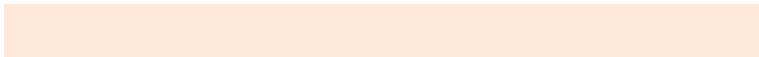
74.3447, 89.4359, 102.9670



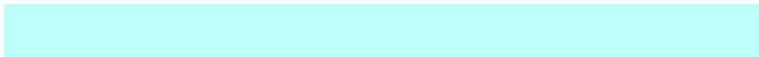
69.9496, 62.5541, 61.2113

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.



93.9969, 89.4359, 78.1109



74.3447, 89.4359, 102.9670



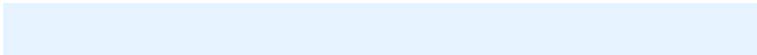
96.0590, 89.4359, 109.0210

Square

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



74.3447, 89.4359, 102.9670



86.9350, 89.4359, 132.8994



96.6410, 89.4359, 91.9998



83.1060, 89.4359, 68.8313

Rectangle

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



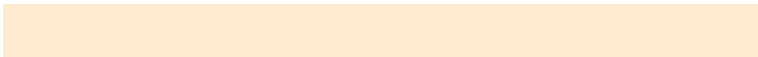
74.3447, 89.4359, 102.9670



79.4376, 89.4359, 128.1099



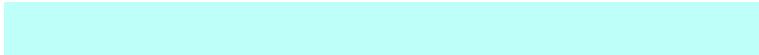
96.6410, 89.4359, 91.9998



90.8290, 89.4359, 72.0056

Sweetspot

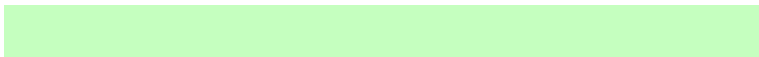
The Sweet Spot groups the original color and five complimentary colors.



74.3457, 89.4364, 102.9685



87.6327, 96.2116, 106.9540



68.2958, 87.2064, 62.5247



18.4771, 20.4504, 22.8155



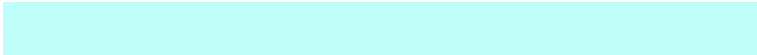
0.0000, 0.0000, 0.0000



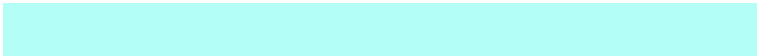
20.3446, 21.4041, 23.3091

Same Dimension

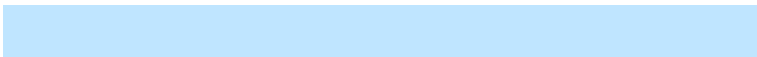
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3457, 89.4364, 102.9685



71.1519, 87.8110, 101.8678



67.6670, 74.5576, 105.4324



18.4771, 20.4504, 22.8155



26.2597, 40.4005, 46.1142



2.5773, 3.9419, 4.5981

Inverse Universe

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



69.9496, 62.5541, 61.2113



66.0879, 56.8313, 53.7570



75.3546, 74.4423, 59.6890



18.0785, 18.0147, 19.0306



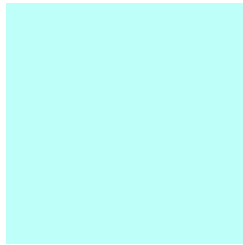
21.6574, 11.1522, 1.5802



2.1309, 1.0947, 0.2706

Previews

White Background



This preview shows how the XYZ color 74.3447, 89.4359, 102.9670 looks on a white background.

Color Contrast Check

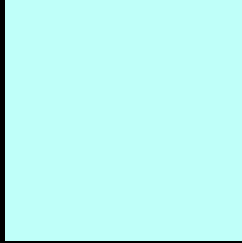
Large Text (above 18pt) WCAG AA × Fail

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 74.3447, 89.4359, 102.9670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

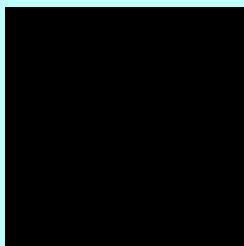
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

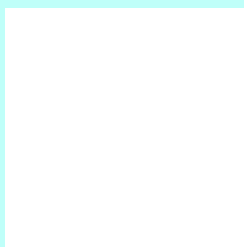
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3447, 89.4359, 102.9670

Background



This preview shows how black text looks on a background with the XYZ color 74.3447, 89.4359, 102.9670.

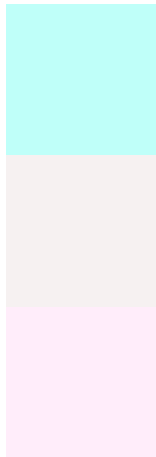


This preview shows how white text looks on a background with the XYZ color 74.3447, 89.4359,

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

74.3447, 89.4359, 102.9670

Protanopia

85.3385, 88.8543, 95.8719

Deuteranopia

88.7795, 88.7305, 102.8900



Tritanopia

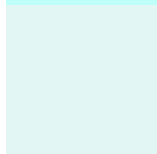
81.7462, 88.9788, 107.4739

Trichromacy



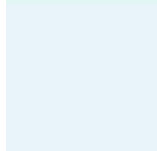
Original Color

74.3447, 89.4359, 102.9670



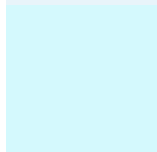
Protanomaly

80.6489, 88.6119, 98.4411



Deuteranomaly

82.8847, 88.7593, 103.2062



Tritanomaly

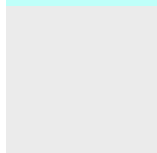
78.7567, 88.8403, 105.9255

Monochromacy



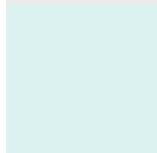
Original Color

74.3447, 89.4359, 102.9670



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.6937, 84.8556, 94.7747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3447, 89.4359, 102.9670 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(191, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 249)  
}
```

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(191, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 249) }
```

Border

The CSS property to change the border of an element to XYZ 74.3447, 89.4359, 102.9670 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(191, 255, 249) }
```


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

```
.border{ border-color:rgb(191, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3447, 89.4359, 102.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 249) }
```

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

```
.background{ background-color: rgb(191,  
255, 249) }
```

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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