

Converting Colors

XYZ(79.2944, 100.0000,
99.4380)

Have a look what the booklet for
XYZ(79.2944, 100.0000, 99.4380)
contains.

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Color

**XYZ(74.0351, 89.4001,
97.3583)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FFF2
RGB	194, 255, 242
RGB Percent	76%, 100%, 95%
CMY	0.2392, 0.0000, 0.0510
CMYK	0.24, 0.00, 0.05, 0.00
HSL	167°, 100%, 88%
HSV	167°, 24%, 100%
XYZ	74.0351, 89.4001, 97.3583
YIQ	235.2790, -32.1830, -16.9750

Conversions

Conversions Part 2

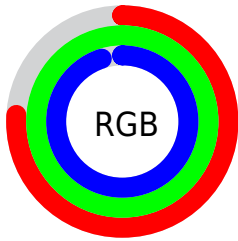
Format	Color
RYB	194, 228, 255
Decimal	12779506
CIELab	95.75, -21.62, -0.01
CIELCh	96, 21.622, 180.029
Yxy	89.4001, 0.2839, 0.3428
Android (android.graphics.Color)	4290969586 (0xFFC2FFF2)
YUV	235.2790, 3.3135, -36.2017
Hunter-Lab	94.5516, -25.6976, 5.1362

Details

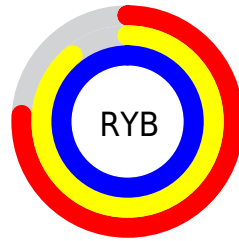
The XYZ color **74.0351, 89.4001, 97.3583** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.7949, 64.3497, 67.6686**, and the grayscale version is **79.1710, 83.2941, 90.7073**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **39.7045, 49.4223, 53.9012** is the 20% darker color. If you saturate the color by 10%, you get **67.2386, 85.9893, 92.8440**, and if you desaturate by 10%, it is **81.9807, 93.4005, 102.0559**.

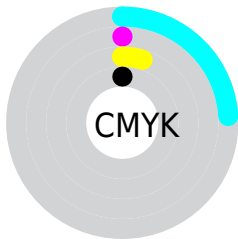
Distribution



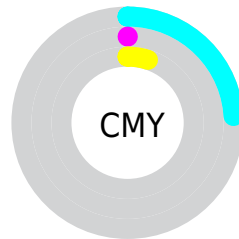
- Red (76%)
- Green (100%)
- Blue (95%)



- Red (76%)
- Yellow (89%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0351, 89.4001, 97.3583 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 74.0351, 89.4001, 97.3583 by changing the saturation by 10% instead.

 74.0351, 89.4001,
97.3583

 74.0351, 89.4001,
97.3583


463.6429,
526.0775, 572.8636

 55.1142, 67.4832,
73.4916


 123.9408,
146.5048, 159.5422

 39.7273, 49.4774,
53.8838


155.6563,
182.4614, 198.6965

 27.5093, 34.9983,
38.1162


192.3673,
223.8667, 243.7838

 18.0946, 23.6616,
25.7704

234.4392,
271.1051, 295.2226

 11.1180, 15.0828,
16.4277

282.2373,
324.5610, 353.4314

 6.2142, 8.8775,
9.6697

336.1271,

 3.0176, 4.6614,

384.6188, 418.8289

5.0778

396.4739,
451.6628, 491.8334

■ 1.1631, 2.0500,
2.2334

■ 0.0769, 0.6363,
0.6936

■ 74.0351, 89.4001,
97.3583

■ 74.0351, 89.4001,
97.3583

■ 67.2386, 85.9893,
92.8440

■ 81.9807, 93.4005,
102.0559

■ 61.5309, 83.1370,
88.5047

■ 91.1259, 98.0165,
106.9358

■ 56.8502, 80.8114,
84.3379

■ 95.0500, 100.0000,
108.9000

■ 53.1275, 78.9769,
80.3392

■ 50.2850, 77.5935,
76.5040

■ 48.2326, 76.6147,
72.8267

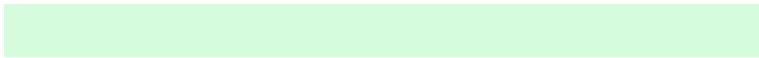
■ 46.8601, 75.9838,
69.3012

■ 46.2628, 75.7211,
67.2270

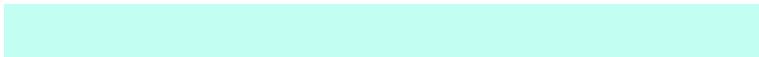
Harmonies

Analogous

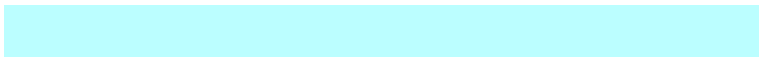
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4397, 89.4001, 81.8708



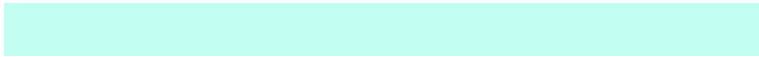
74.0351, 89.4001, 97.3583



75.4452, 89.4001, 114.6803

Triad

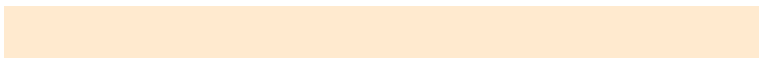
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0351, 89.4001, 97.3583



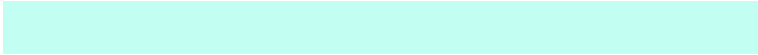
90.8283, 89.4001, 128.5604



90.8177, 89.4001, 71.6224

Complementary

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



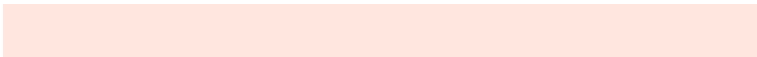
74.0351, 89.4001, 97.3583



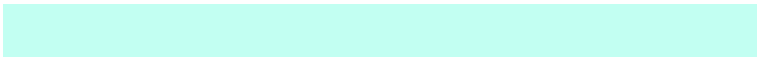
71.7949, 64.3497, 67.6686

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.



95.2691, 89.4001, 81.8449



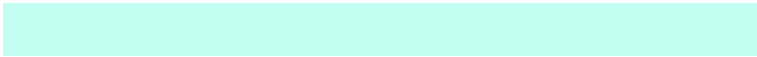
74.0351, 89.4001, 97.3583



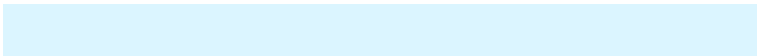
95.2754, 89.4001, 114.6479

Square

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



74.0351, 89.4001, 97.3583



84.9780, 89.4001, 133.9287



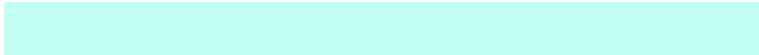
96.9365, 89.4001, 97.3247



84.9663, 89.4001, 68.1098

Rectangle

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



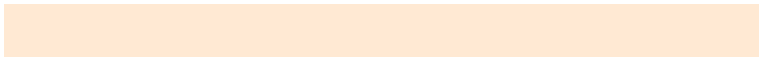
74.0351, 89.4001, 97.3583



77.8311, 89.4001, 124.6790



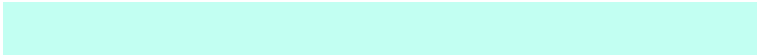
96.9365, 89.4001, 97.3247



92.5371, 89.4001, 74.3241

Sweetspot

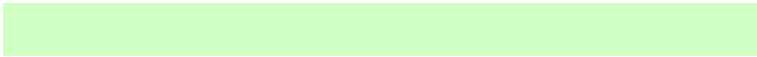
The Sweet Spot groups the original color and five complimentary colors.



74.0360, 89.4006, 97.3598



88.1787, 96.5278, 105.4133



71.2911, 88.7121, 64.4061



18.7532, 20.6000, 22.4994



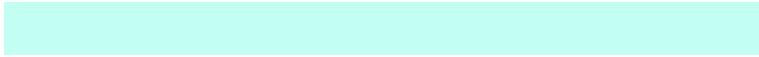
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

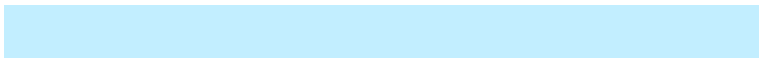
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0360, 89.4006, 97.3598



70.4435, 87.5961, 95.0437



70.7911, 79.6743, 106.2553



18.3793, 20.4113, 22.3005



24.2304, 39.5888, 35.4283



2.3986, 3.8704, 3.6570

Inverse Universe

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



71.7949, 64.3497, 67.6686



67.8301, 58.3505, 60.3959



74.3430, 71.8855, 60.9973



18.1677, 18.0504, 19.5005



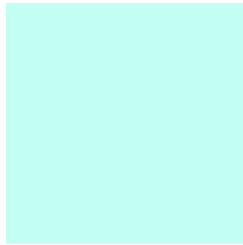
21.9447, 11.2672, 3.0936



2.1746, 1.1122, 0.5009

Previews

White Background



This preview shows how the XYZ color 74.0351, 89.4001, 97.3583 looks on a white background.

Color Contrast Check

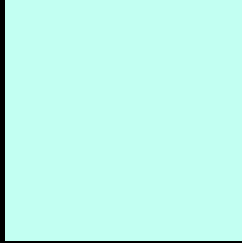
Large Text (above 18pt) WCAG AA × Fail

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 74.0351, 89.4001, 97.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

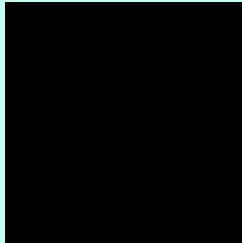
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

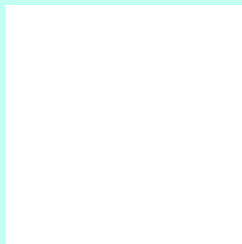
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0351, 89.4001, 97.3583

Background



This preview shows how black text looks on a background with the XYZ color 74.0351, 89.4001, 97.3583.

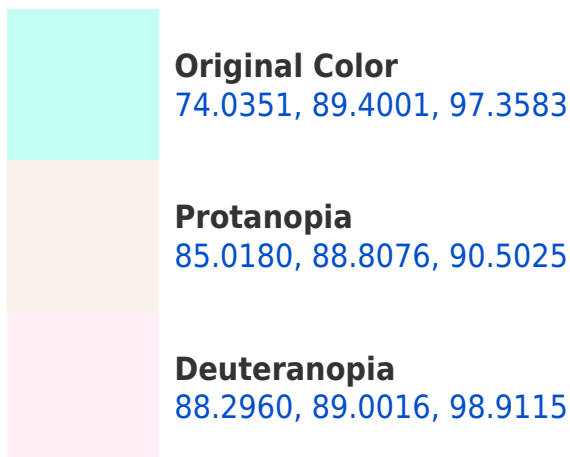


This preview shows how white text looks on a background with the XYZ color 74.0351, 89.4001,

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





Tritanopia

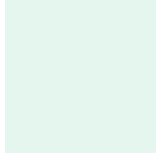
82.0571, 89.1391, 107.4884

Trichromacy



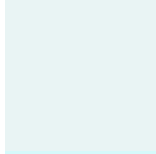
Original Color

74.0351, 89.4001, 97.3583



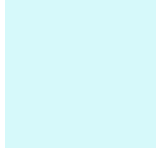
Protanomaly

80.2367, 88.5199, 92.9779



Deuteranomaly

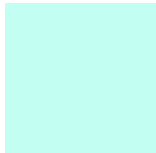
82.2841, 88.5567, 98.3443



Tritanomaly

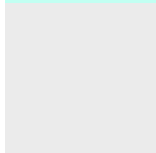
78.8626, 88.9496, 103.4550

Monochromacy



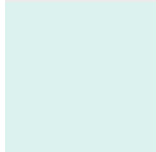
Original Color

74.0351, 89.4001, 97.3583



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.6999, 84.8930, 93.2324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0351, 89.4001, 97.3583 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(194, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 242)  
}
```

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(194, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 242) }
```

Border

The CSS property to change the border of an element to XYZ 74.0351, 89.4001, 97.3583 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(194, 255, 242) }
```


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

```
.border{ border-color:rgb(194, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0351, 89.4001, 97.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 242) }
```

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

```
.background{ background-color: rgb(194,  
255, 242) }
```

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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