

Converting Colors

XYZ(74.1751, 89.4859, 96.7497)

Have a look what the booklet for
XYZ(74.1751, 89.4859, 96.7497)
contains.

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Color

**XYZ(74.1429, 89.4730,
96.5814)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FFF1
RGB	195, 255, 241
RGB Percent	76%, 100%, 95%
CMY	0.2353, 0.0000, 0.0549
CMYK	0.24, 0.00, 0.05, 0.00
HSL	166°, 100%, 88%
HSV	166°, 24%, 100%
XYZ	74.1429, 89.4730, 96.5814
YIQ	235.4640, -31.2660, -17.0740

Conversions

Conversions Part 2

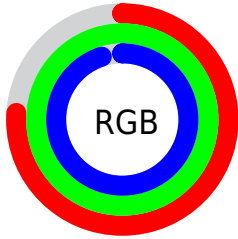
Format	Color
R_{YB}	195, 229, 255
Decimal	12845041
CIE Lab	95.78, -21.53, 0.56
CIE LCh	96, 21.537, 178.523
Yxy	89.4730, 0.2849, 0.3439
Android (android.graphics.Color)	4291035121 (0xFFC3FFF1)
YUV	235.4640, 2.7292, -35.4869
Hunter-Lab	94.5902, -25.6186, 5.6750

Details

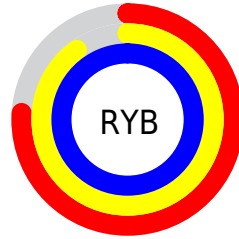
The XYZ color **74.1429, 89.4730, 96.5814** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.2644, 64.8949, 69.0393**, and the grayscale version is **79.3160, 83.4466, 90.8733**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **39.7663, 49.4664, 53.3510** is the 20% darker color. If you saturate the color by 10%, you get **67.2332, 86.0119, 91.6954**, and if you desaturate by 10%, it is **82.2086, 93.5266, 101.6759**.

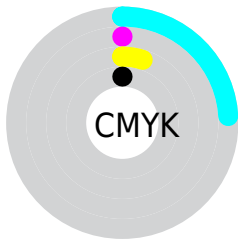
Distribution



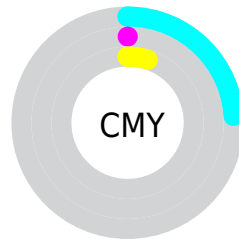
- Red (76%)
- Green (100%)
- Blue (95%)



- Red (76%)
- Yellow (90%)
- 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 74.1429, 89.4730, 96.5814 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 74.1429, 89.4730, 96.5814 by changing the saturation by 10% instead.

74.1429, 89.4730,
96.5814

74.1429, 89.4730,
96.5814

464.0091,
526.3151, 570.3285

55.2027, 67.5436,
72.8477

124.0928,
146.6062, 158.4619

39.7985, 49.5266,
53.3604

155.8332,
182.5787, 197.4458

27.5650, 35.0374,
37.7009

192.5710,
224.0012, 242.3502

18.1368, 23.6917,
25.4506

234.6716,
271.2579, 293.5936

11.1485, 15.1050,
16.1910

282.5004,
324.7332, 351.5946

6.2348, 8.8931,
9.5036

336.4226,

3.0304, 4.6715,

384.8116, 416.7718

4.9698

396.8038,
451.8774, 489.5435

■ 1.1699, 2.0559,
2.1711

■ 0.0824, 0.6396,
0.6576

■ 74.1429, 89.4730,
96.5814

■ 74.1429, 89.4730,
96.5814

■ 67.2332, 86.0119,
91.6954

■ 82.2086, 93.5266,
101.6759

■ 61.4193, 83.1124,
87.0093

■ 91.4808, 98.1988,
106.9784

■ 56.6397, 80.7428,
82.5203

95.0500, 100.0000,
108.9000

■ 52.8254, 78.8677,
78.2237

■ 49.8992, 77.4471,
74.1143

■ 47.7713, 76.4348,
70.1865

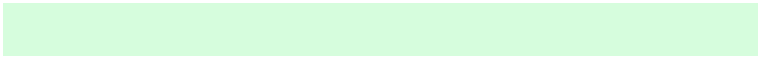
■ 46.3325, 75.7747,
66.4336

■ 45.6676, 75.4830,
64.0926

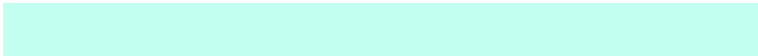
Harmonies

Analogous

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



75.6815, 89.4730, 81.3427



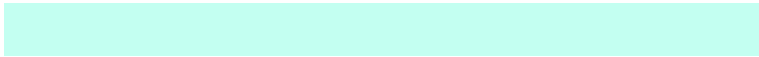
74.1429, 89.4730, 96.5814



75.4098, 89.4730, 113.8637

Triad

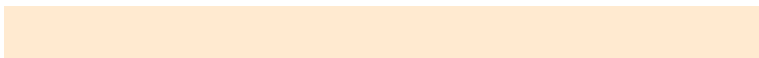
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1429, 89.4730, 96.5814



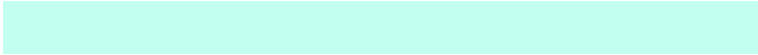
90.6041, 89.4730, 129.0272



91.1362, 89.4730, 72.1367

Complementary

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



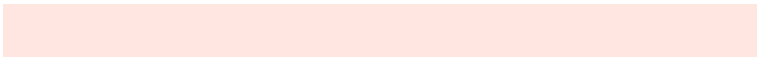
74.1429, 89.4730, 96.5814



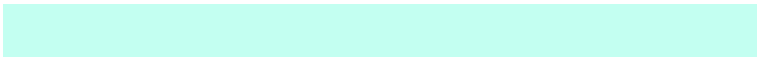
72.2644, 64.8949, 69.0393

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.



95.4601, 89.4730, 82.6426



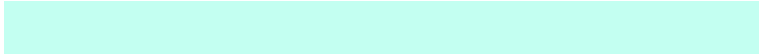
74.1429, 89.4730, 96.5814



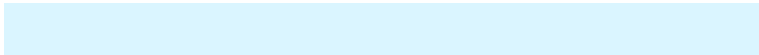
95.1429, 89.4730, 115.4893

Square

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



74.1429, 89.4730, 96.5814



84.7478, 89.4730, 133.8539



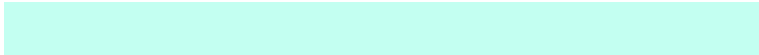
96.9588, 89.4730, 98.2652



85.3357, 89.4730, 68.2828

Rectangle

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



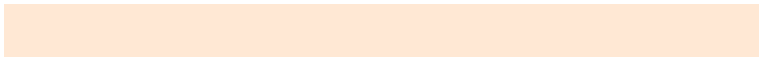
74.1429, 89.4730, 96.5814



77.7096, 89.4730, 123.9968



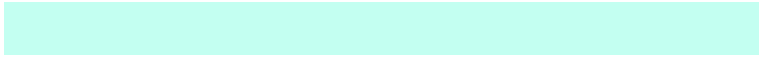
96.9588, 89.4730, 98.2652



92.8204, 89.4730, 74.9425

Sweetspot

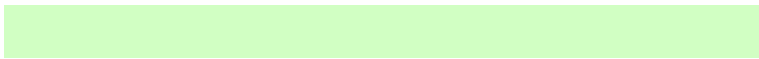
The Sweet Spot groups the original color and five complimentary colors.



74.1438, 89.4734, 96.5829



88.1218, 96.5050, 105.1136



71.9057, 89.0159, 65.0233



18.7400, 20.5947, 22.4298



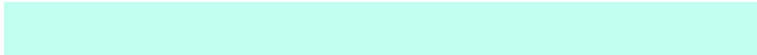
0.0000, 0.0000, 0.0000



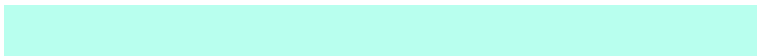
20.3446, 21.4041, 23.3091

Same Dimension

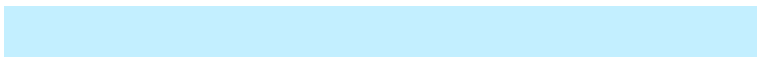
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1438, 89.4734, 96.5829



70.9143, 87.8542, 94.3722



71.4231, 80.5559, 106.3922



18.3629, 20.4047, 22.2141



23.9228, 39.4657, 33.8082



2.3711, 3.8594, 3.5120

Inverse Universe

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



72.2644, 64.8949, 69.0393



68.7531, 59.5573, 62.6741



74.3854, 71.7897, 61.5676



18.1830, 18.0565, 19.5808



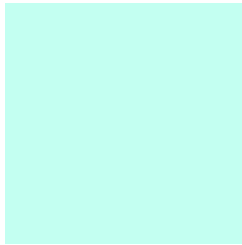
22.0152, 11.2954, 3.4644



2.1835, 1.1158, 0.5475

Previews

White Background



This preview shows how the XYZ color 74.1429, 89.4730, 96.5814 looks on a white background.

Color Contrast Check

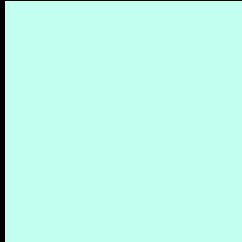
Large Text (above 18pt) WCAG AA × Fail

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 74.1429, 89.4730, 96.5814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

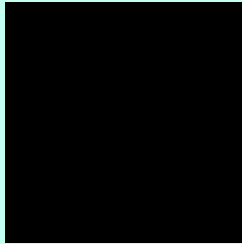
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

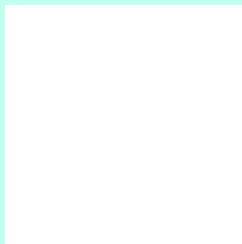
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1429, 89.4730, 96.5814

Background



This preview shows how black text looks on a background with the XYZ color 74.1429, 89.4730, 96.5814.

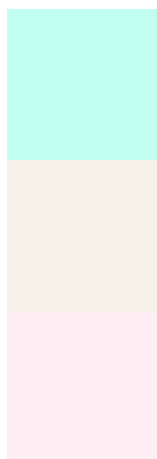


This preview shows how white text looks on a background with the XYZ color 74.1429, 89.4730,

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

74.1429, 89.4730, 96.5814

Protanopia

84.8747, 88.7502, 89.7479

Deuteranopia

88.1437, 88.9407, 98.1096



Tritanopia

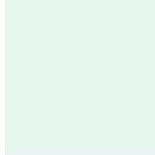
82.0571, 89.1391, 107.4884

Trichromacy



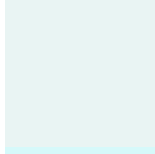
Original Color

74.1429, 89.4730, 96.5814



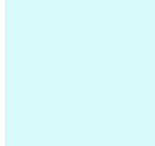
Protanomaly

80.4092, 88.6257, 92.2253



Deuteranomaly

82.1326, 88.4961, 97.5466



Tritanomaly

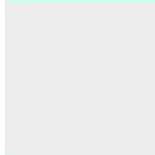
78.8626, 88.9496, 103.4550

Monochromacy



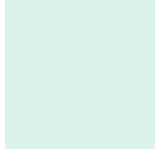
Original Color

74.1429, 89.4730, 96.5814



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.5534, 84.8343, 92.4606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1429, 89.4730, 96.5814 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(195, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 241)  
}
```

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(195, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 74.1429, 89.4730, 96.5814 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(195, 255, 241) }
```


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

```
.border{ border-color:rgb(195, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(195, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1429, 89.4730, 96.5814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 241) }
```

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

```
.background{ background-color: rgb(195,  
255, 241) }
```

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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