

Converting Colors

XYZ(74.9784, 90.3384,
101.7970)

Have a look what the booklet for
XYZ(74.9784, 90.3384, 101.7970)
contains.

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Color

**XYZ(74.5408, 89.5729,
101.3563)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FFF7
RGB	193, 255, 247
RGB Percent	76%, 100%, 97%
CMY	0.2431, 0.0000, 0.0314
CMYK	0.24, 0.00, 0.03, 0.00
HSL	172°, 100%, 88%
HSV	172°, 24%, 100%
XYZ	74.5408, 89.5729, 101.3563
YIQ	235.5500, -34.3840, -15.6320

Conversions

Conversions Part 2

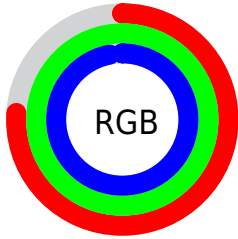
Format	Color
R_{YB}	193, 226, 255
Decimal	12713975
CIE _{Lab}	95.82, -20.89, -2.49
CIE _{LCh}	96, 21.035, 186.796
Yxy	89.5729, 0.2808, 0.3374
Android (android.graphics.Color)	4290904055 (0xFFC1FFF7)
YUV	235.5500, 5.6448, -37.3164
Hunter-Lab	94.6430, -25.0386, 2.7544

Details

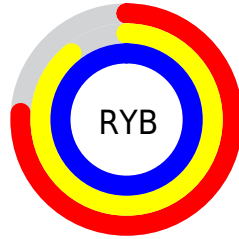
The XYZ color **74.5408, 89.5729, 101.3563** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.8532, 63.6181, 63.8039**, and the grayscale version is **79.3617, 83.4947, 90.9257**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **40.0793, 49.5530, 56.7425** is the 20% darker color. If you saturate the color by 10%, you get **68.0882, 86.3045, 98.4288**, and if you desaturate by 10%, it is **82.1250, 93.4235, 104.3864**.

Distribution



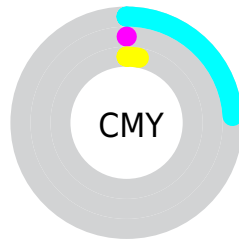
- Red (76%)
- Green (100%)
- Blue (97%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5408, 89.5729, 101.3563 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 74.5408, 89.5729, 101.3563 by changing the saturation by 10% instead.

74.5408, 89.5729,
101.3563

74.5408, 89.5729,
101.3563

465.3593,
526.6405, 585.8162

55.5296, 67.6265,
76.8105

124.6535,
146.7450, 165.0879

40.0614, 49.5939,
56.5868

156.4858,
182.7394, 205.1108

27.7709, 35.0908,
40.2664

193.3224,
224.1853, 251.1299

18.2926, 23.7329,
27.4310

235.5289,
271.4671, 303.5636

11.2612, 15.1356,
17.6619

283.4704,
324.9691, 362.8306

6.3114, 8.9146,
10.5406

337.5124,

3.0778, 4.6855,

385.0757, 429.3493

5.6486

398.0203,
452.1714, 503.5383

■ 1.1950, 2.0639,
2.5673

■ 0.1024, 0.6442,
0.8755

■ 74.5408, 89.5729,
101.3563

■ 74.5408, 89.5729,
101.3563

■ 68.0882, 86.3045,
98.4288

■ 82.1250, 93.4235,
104.3864

■ 62.7068, 83.5874,
95.5965

■ 90.8915, 97.8825,
107.5174

■ 58.3349, 81.3897,
92.8577

95.0500, 100.0000,
108.9000

■ 54.9034, 79.6758,
90.2090

■ 52.3342, 78.4054,
87.6464

■ 50.5367, 77.5318,
85.1655

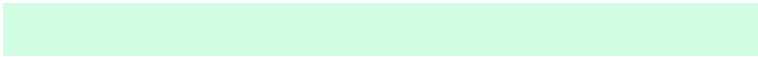
■ 49.4000, 76.9978,
82.7609

■ 48.9586, 76.7995,
81.4230

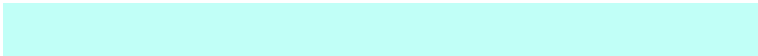
Harmonies

Analogous

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



75.2969, 89.5729, 85.4848



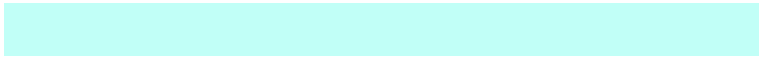
74.5408, 89.5729, 101.3563



76.5188, 89.5729, 117.9273

Triad

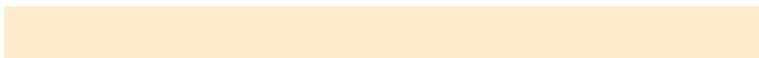
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5408, 89.5729, 101.3563



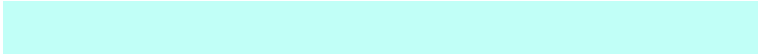
91.9889, 89.5729, 125.3912



89.6041, 89.5729, 71.0329

Complementary

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



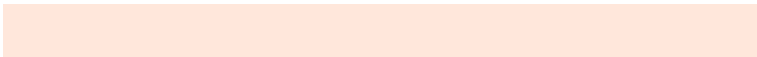
74.5408, 89.5729, 101.3563



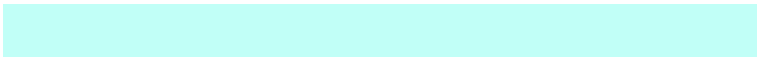
70.8532, 63.6181, 63.8039

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.



94.3778, 89.5729, 79.6311



74.5408, 89.5729, 101.3563



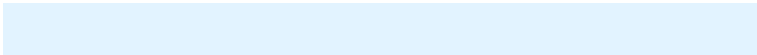
95.7977, 89.5729, 110.6559

Square

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



74.5408, 89.5729, 101.3563



86.4622, 89.5729, 132.7866



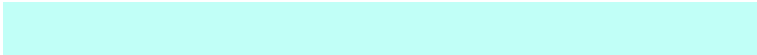
96.6912, 89.5729, 93.8006



83.8241, 89.5729, 69.1411

Rectangle

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



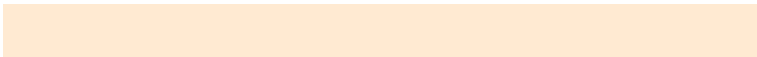
74.5408, 89.5729, 101.3563



79.1770, 89.5729, 126.7532



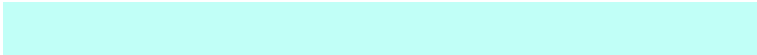
96.6912, 89.5729, 93.8006



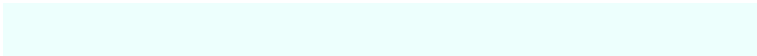
91.3875, 89.5729, 73.1831

Sweetspot

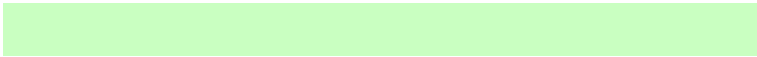
The Sweet Spot groups the original color and five complimentary colors.



74.5417, 89.5733, 101.3578



88.4166, 96.6229, 106.6658



69.5457, 87.8252, 63.7401



18.8084, 20.6221, 22.7902



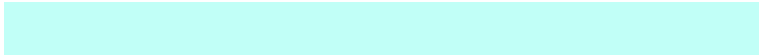
0.0000, 0.0000, 0.0000



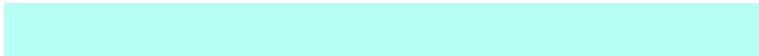
20.3446, 21.4041, 23.3091

Same Dimension

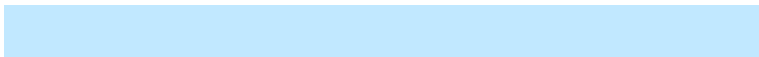
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5417, 89.5733, 101.3578



71.3795, 87.9705, 99.9727



68.9750, 76.4218, 105.7233



18.4481, 20.4388, 22.6625



25.6214, 40.1452, 42.7530



2.5216, 3.9196, 4.3045

Inverse Universe

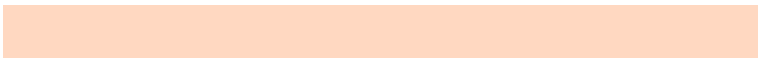
The Inverse Universe completely reimagines the original color for something new.



70.8532, 63.6181, 63.8039



67.1330, 58.0717, 56.7247



75.3539, 74.0864, 60.7821



18.1047, 18.0252, 19.1687



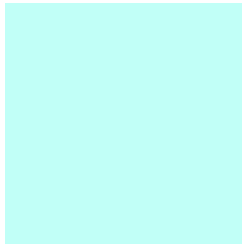
21.7207, 11.1776, 1.9140



2.1432, 1.0996, 0.3355

Previews

White Background



This preview shows how the XYZ color 74.5408, 89.5729, 101.3563 looks on a white background.

Color Contrast Check

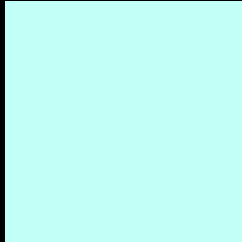
Large Text (above 18pt) WCAG AA × Fail

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 74.5408, 89.5729, 101.3563 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 74.5408, 89.5729, 101.3563

Background



This preview shows how black text looks on a background with the XYZ color 74.5408, 89.5729, 101.3563.

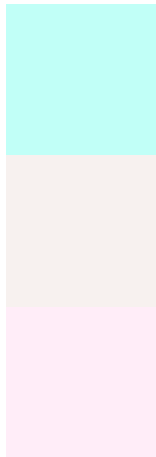


This preview shows how white text looks on a background with the XYZ color 74.5408, 89.5729,

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

74.5408, 89.5729, 101.3563

Protanopia

85.3931, 88.9167, 94.3233

Deuteranopia

88.4675, 88.6057, 101.2468



Tritanopia

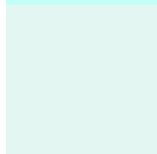
82.0571, 89.1391, 107.4884

Trichromacy



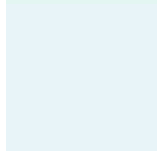
Original Color

74.5408, 89.5729, 101.3563



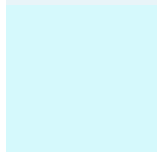
Protanomaly

80.6613, 88.6532, 96.8649



Deuteranomaly

82.5727, 88.6345, 101.5631



Tritanomaly

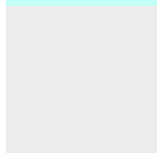
78.8869, 88.9258, 105.1021

Monochromacy



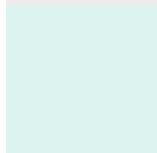
Original Color

74.5408, 89.5729, 101.3563



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.2940, 85.6081, 94.8883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5408, 89.5729, 101.3563 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(193, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 247) }
```

Border

The CSS property to change the border of an element to XYZ 74.5408, 89.5729, 101.3563 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(193, 255, 247) }
```


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

```
.border{ border-color:rgb(193, 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(193, 255, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(193, 255,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5408, 89.5729, 101.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 255, 247) }
```

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

```
.background{ background-color: rgb(193,  
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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