

Converting Colors

XYZ(74.3493, 89.6354, 94.0605)

Have a look what the booklet for
XYZ(74.3493, 89.6354, 94.0605)
contains.

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Color

**XYZ(74.4813, 89.6988,
94.2769)**

Conversions

Conversions Part 1

Format	Color
Hex	C6FFEE
RGB	198, 255, 238
RGB Percent	78%, 100%, 93%
CMY	0.2235, 0.0000, 0.0667
CMYK	0.22, 0.00, 0.07, 0.00
HSL	162°, 100%, 89%
HSV	162°, 22%, 100%
XYZ	74.4813, 89.6988, 94.2769
YIQ	236.0190, -28.5150, -17.3710

Conversions

Conversions Part 2

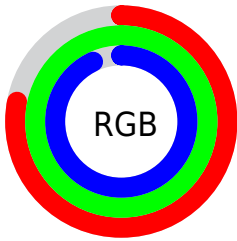
Format	Color
R_{YB}	198, 231, 255
Decimal	13041646
CIE _{Lab}	95.87, -21.24, 2.26
CIE _{LCh}	96, 21.355, 173.931
Yxy	89.6988, 0.2882, 0.3471
Android (android.graphics.Color)	4291231726 (0xFFC6FFEE)
YUV	236.0190, 0.9766, -33.3427
Hunter-Lab	94.7095, -25.3658, 7.2774

Details

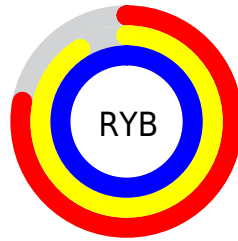
The XYZ color **74.4813, 89.6988, 94.2769** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.7004, 66.5556, 73.2524**, and the grayscale version is **79.7515, 83.9048, 91.3723**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9653, 49.6052, 51.7243** is the 20% darker color. If you saturate the color by 10%, you get **67.2225, 86.0831, 88.2283**, and if you desaturate by 10%, it is **82.9207, 93.9176, 100.6300**.

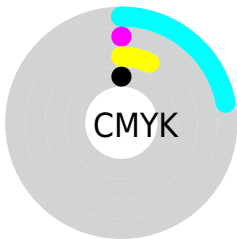
Distribution



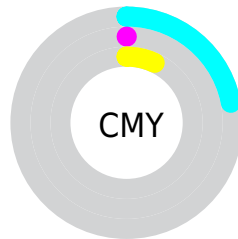
- Red (78%)
- Green (100%)
- Blue (93%)



- Red (78%)
- Yellow (91%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4813, 89.6988, 94.2769 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 74.4813, 89.6988, 94.2769 by changing the saturation by 10% instead.

 74.4813, 89.6988,
94.2769

 74.4813, 89.6988,
94.2769


465.1575,
527.0506, 562.7726

 55.4807, 67.7309,
70.9397


124.5697,
146.9199, 155.2522

 40.0221, 49.6788,
51.8115


156.3882,
182.9419, 193.7274

 27.7401, 35.1583,
36.4736


193.2101,
224.4174, 238.0857

 18.2693, 23.7848,
24.5076

235.4007,
271.7307, 288.7457

 11.2443, 15.1741,
15.4949

283.3254,
325.2663, 346.1258

 6.2999, 8.9416,
9.0170

337.3496,

 3.0707, 4.7031,

385.4085, 410.6446

4.6553

397.8385,
452.5418, 482.7207

■ 1.1913, 2.0742,
1.9913

■ 0.0994, 0.6500,
0.5499

■ 74.4813, 89.6988,
94.2769

■ 74.4813, 89.6988,
94.2769

■ 67.2225, 86.0831,
88.2283

■ 82.9207, 93.9176,
100.6300

■ 61.0843, 83.0398,
82.4741

■ 92.5911, 98.7655,
107.2887

■ 56.0056, 80.5373,
77.0098

■ 95.0500, 100.0000,
108.9000

■ 51.9180, 78.5405,
71.8292

■ 48.7449, 77.0100,
66.9254

■ 46.3981, 75.9003,
62.2911

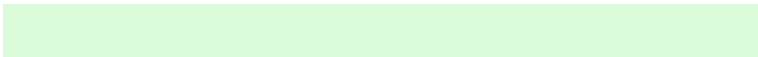
■ 44.7710, 75.1566,
57.9179

■ 43.8919, 74.7727,
54.7418

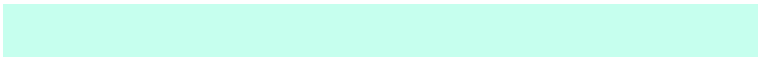
Harmonies

Analogous

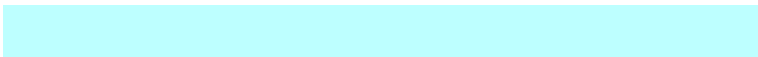
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4242, 89.6988, 79.7855



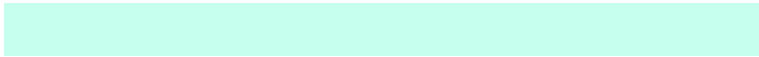
74.4813, 89.6988, 94.2769



75.3162, 89.6988, 111.4251

Triad

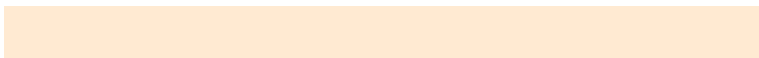
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4813, 89.6988, 94.2769



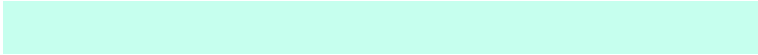
89.9336, 89.6988, 130.4195



92.1003, 89.6988, 73.7222

Complementary

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



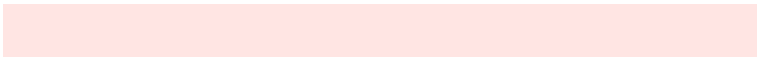
74.4813, 89.6988, 94.2769



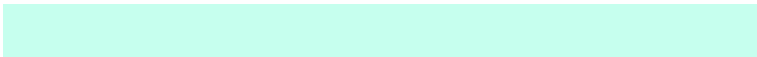
73.7004, 66.5556, 73.2524

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.



96.0340, 89.6988, 85.0903



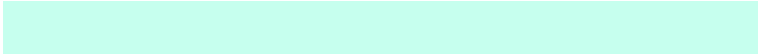
74.4813, 89.6988, 94.2769



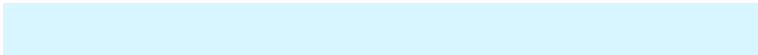
94.7433, 89.6988, 118.0379

Square

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



74.4813, 89.6988, 94.2769



84.0640, 89.6988, 133.6062



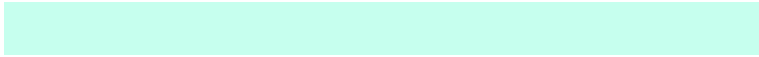
97.0228, 89.6988, 101.1369



86.4592, 89.6988, 68.8301

Rectangle

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



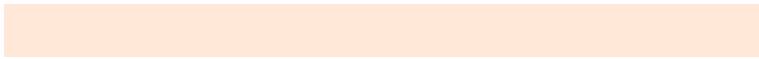
74.4813, 89.6988, 94.2769



77.3560, 89.6988, 121.9459



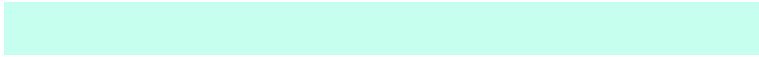
97.0228, 89.6988, 101.1369



93.6764, 89.6988, 76.8451

Sweetspot

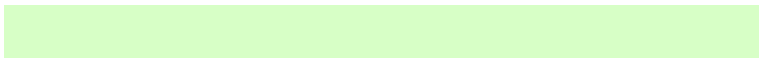
The Sweet Spot groups the original color and five complimentary colors.



74.4822, 89.6992, 94.2784



87.9398, 96.4322, 104.1552



74.0075, 90.0598, 66.9102



18.6977, 20.5778, 22.2075



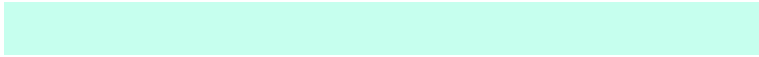
0.0000, 0.0000, 0.0000



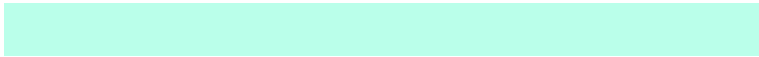
20.3446, 21.4041, 23.3091

Same Dimension

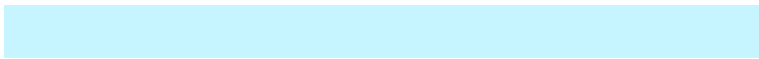
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4822, 89.6992, 94.2784



70.9647, 87.9453, 91.4291



73.5699, 83.6873, 106.8835



18.3105, 20.3837, 21.9381



23.0034, 39.0980, 28.9669



2.2880, 3.8261, 3.0742

Inverse Universe

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



73.7004, 66.5556, 73.2524



70.0543, 60.9305, 66.8969



74.3325, 71.1357, 63.2403



18.2323, 18.0762, 19.8403



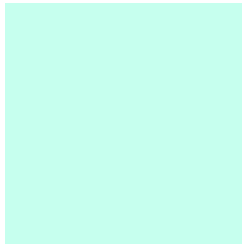
22.2882, 11.4046, 4.9022



2.2158, 1.1287, 0.7177

Previews

White Background



This preview shows how the XYZ color 74.4813, 89.6988, 94.2769 looks on a white background.

Color Contrast Check

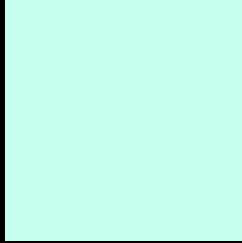
Large Text (above 18pt) WCAG AA × Fail

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 74.4813, 89.6988, 94.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

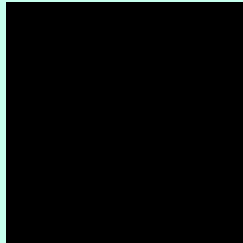
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

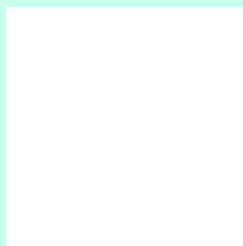
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4813, 89.6988, 94.2769

Background



This preview shows how black text looks on a background with the XYZ color 74.4813, 89.6988, 94.2769.



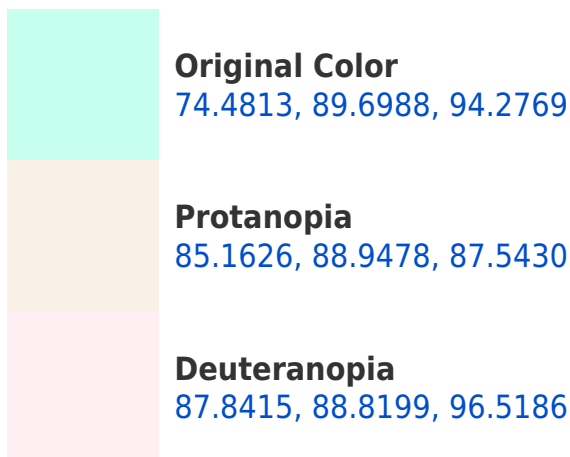
This preview shows how white text looks on a background with the XYZ color 74.4813, 89.6988,

94.2769.

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

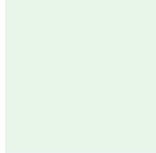
82.6843, 89.4624, 107.5178

Trichromacy



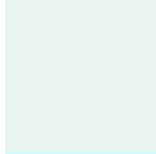
Original Color

74.4813, 89.6988, 94.2769



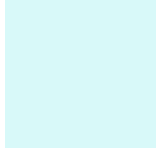
Protanomaly

80.6187, 88.7837, 89.9787



Deuteranomaly

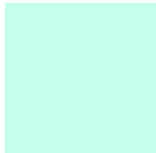
82.1596, 88.5447, 95.9796



Tritanomaly

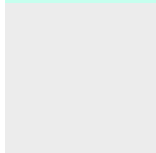
79.2935, 89.1898, 102.6587

Monochromacy



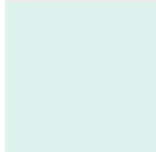
Original Color

74.4813, 89.6988, 94.2769



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.4609, 85.7452, 92.5886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4813, 89.6988, 94.2769 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(198, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 238)  
}
```

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(198, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 238) }
```

Border

The CSS property to change the border of an element to XYZ 74.4813, 89.6988, 94.2769 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(198, 255, 238) }
```


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

```
.border{ border-color:rgb(198, 255, 238) }
```

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

Here you see how a box with a 4 pixel rgb(198, 255, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4813, 89.6988, 94.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 238) }
```

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

```
.background{ background-color: rgb(198,  
255, 238) }
```

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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