

Converting Colors

XYZ(74.2134, 89.5417, 95.1239)

Have a look what the booklet for
XYZ(74.2134, 89.5417, 95.1239)
contains.

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Color

**XYZ(74.1049, 89.4878,
95.0285)**

Conversions

Conversions Part 1

Format	Color
Hex	C4FFEF
RGB	196, 255, 239
RGB Percent	77%, 100%, 94%
CMY	0.2314, 0.0000, 0.0627
CMYK	0.23, 0.00, 0.06, 0.00
HSL	164°, 100%, 88%
HSV	164°, 23%, 100%
XYZ	74.1049, 89.4878, 95.0285
YIQ	235.5350, -30.0280, -17.4840

Conversions

Conversions Part 2

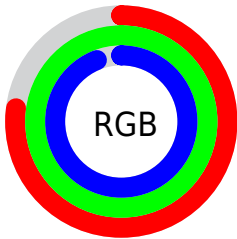
Format	Color
R_{YB}	196, 230, 255
Decimal	12910575
CIE _{Lab}	95.78, -21.63, 1.60
CIE _{LCh}	96, 21.694, 175.767
Yxy	89.4878, 0.2865, 0.3460
Android (android.graphics.Color)	4291100655 (0xFFC4FFEF)
YUV	235.5350, 1.7082, -34.6722
Hunter-Lab	94.5980, -25.7156, 6.6588

Details

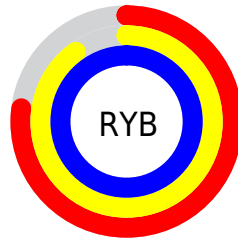
The XYZ color **74.1049, 89.4878, 95.0285** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.8641, 65.4943, 71.0888**, and the grayscale version is **79.3769, 83.5107, 90.9431**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **39.7258, 49.4698, 52.2546** is the 20% darker color. If you saturate the color by 10%, you get **67.0242, 85.9533, 89.4670**, and if you desaturate by 10%, it is **82.3537, 93.6198, 100.8516**.

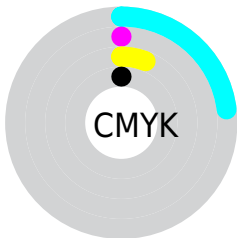
Distribution



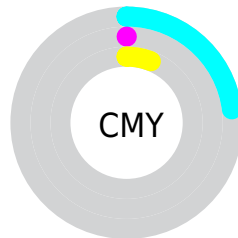
- Red (77%)
- Green (100%)
- Blue (94%)



- Red (77%)
- Yellow (90%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (23%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1049, 89.4878, 95.0285 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 74.1049, 89.4878, 95.0285 by changing the saturation by 10% instead.


 74.1049, 89.4878,
95.0285

 74.1049, 89.4878,
95.0285


463.8801,
526.3633, 565.2429

 55.1715, 67.5559,
71.5617


124.0392,
146.6267, 156.2999

 39.7734, 49.5365,
52.3160

155.7708,
182.6025, 194.9415

 27.5454, 35.0453,
36.8731


192.4992,
224.0285, 239.4786

 18.1219, 23.6978,
24.8142

234.5897,
271.2889, 290.3295

 11.1378, 15.1096,
15.7209

282.4077,
324.7681, 347.9128

 6.2276, 8.8963,
9.1747

336.3185,

 3.0259, 4.6736,

384.8507, 412.6471

4.7569

396.6875,
451.9210, 484.9510

■ 1.1675, 2.0571,
2.0491

■ 0.0805, 0.6403,
0.5852

■ 74.1049, 89.4878,
95.0285

■ 74.1049, 89.4878,
95.0285

■ 67.0242, 85.9533,
89.4670

■ 82.3537, 93.6198,
100.8516

■ 61.0516, 82.9856,
84.1577

■ 91.8213, 98.3756,
106.9365

■ 56.1255, 80.5530,
79.0968

■ 95.0500, 100.0000,
108.9000

■ 52.1773, 78.6202,
74.2790

■ 49.1296, 77.1473,
69.6980

■ 46.8934, 76.0884,
65.3475

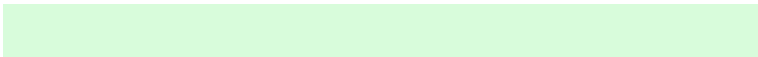
■ 45.3601, 75.3878,
61.2197

■ 44.6073, 75.0589,
58.5093

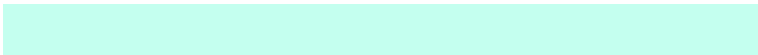
Harmonies

Analogous

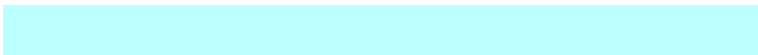
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9063, 89.4878, 80.0746



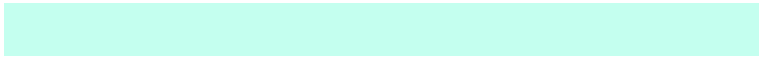
74.1049, 89.4878, 95.0285



75.1230, 89.4878, 112.4515

Triad

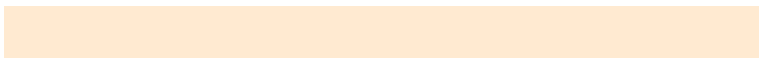
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1049, 89.4878, 95.0285



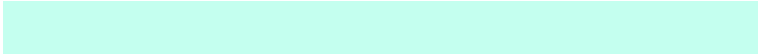
90.1481, 89.4878, 130.1733



91.6836, 89.4878, 72.6874

Complementary

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



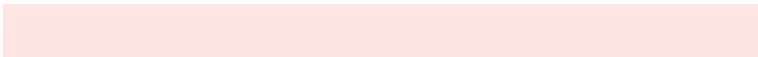
74.1049, 89.4878, 95.0285



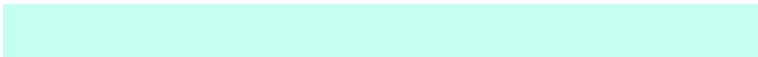
72.8641, 65.4943, 71.0888

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.



95.8270, 89.4878, 83.8223



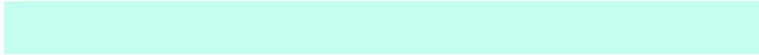
74.1049, 89.4878, 95.0285



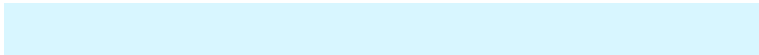
94.9117, 89.4878, 117.1435

Square

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



74.1049, 89.4878, 95.0285



84.2103, 89.4878, 134.0711



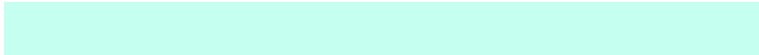
97.0349, 89.4878, 99.8859



85.9063, 89.4878, 68.1696

Rectangle

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



74.1049, 89.4878, 95.0285



77.2903, 89.4878, 122.9645



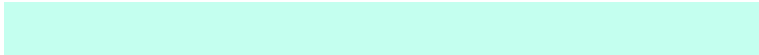
97.0349, 89.4878, 99.8859



93.3240, 89.4878, 75.7122

Sweetspot

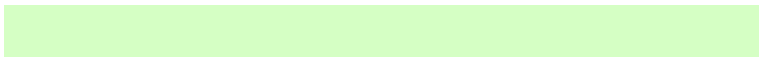
The Sweet Spot groups the original color and five complimentary colors.



74.1058, 89.4882, 95.0300



88.0155, 96.4625, 104.5541



73.0829, 89.6096, 65.6703



18.7153, 20.5848, 22.3000



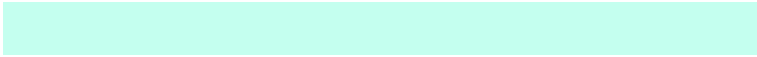
0.0000, 0.0000, 0.0000



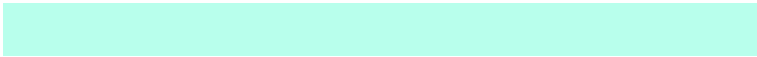
20.3446, 21.4041, 23.3091

Same Dimension

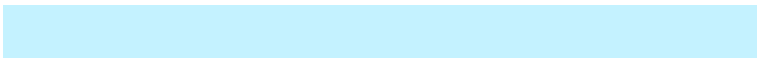
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1058, 89.4882, 95.0300



70.5194, 87.6962, 92.2923



72.6323, 82.5896, 106.7210



18.3323, 20.3924, 22.0528



23.3741, 39.2462, 30.9190



2.3217, 3.8396, 3.2517

Inverse Universe

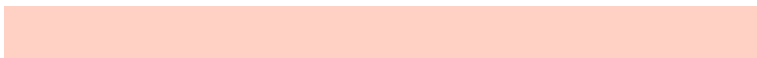
The Inverse Universe completely reimagines the original color for something new.



72.8641, 65.4943, 71.0888



69.0724, 59.6850, 64.3555



73.9518, 70.7411, 61.9825



18.2117, 18.0680, 19.7318



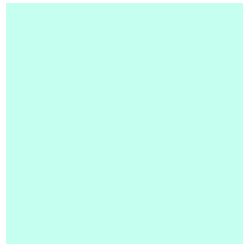
22.1655, 11.3555, 4.2559



2.2016, 1.1230, 0.6429

Previews

White Background



This preview shows how the XYZ color 74.1049, 89.4878, 95.0285 looks on a white background.

Color Contrast Check

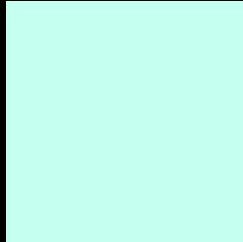
Large Text (above 18pt) WCAG AA × Fail

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 74.1049, 89.4878, 95.0285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

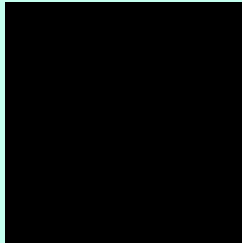
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

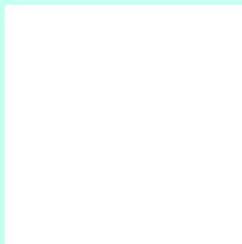
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1049, 89.4878, 95.0285

Background



This preview shows how black text looks on a background with the XYZ color 74.1049, 89.4878, 95.0285.



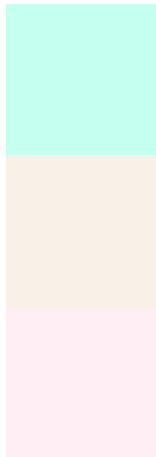
This preview shows how white text looks on a background with the XYZ color 74.1049, 89.4878,

95.0285.

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

74.1049, 89.4878, 95.0285

Protanopia

84.9460, 88.8199, 88.2681

Deuteranopia

87.9922, 88.8801, 97.3119



Tritanopia

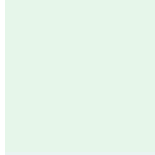
82.3698, 89.3003, 107.5031

Trichromacy



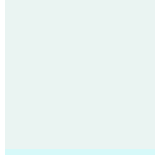
Original Color

74.1049, 89.4878, 95.0285



Protanomaly

80.4402, 88.6750, 90.7182



Deuteranomaly

82.3094, 88.6046, 96.7686



Tritanomaly

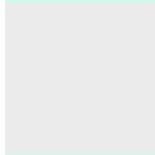
78.9989, 89.0380, 102.6449

Monochromacy



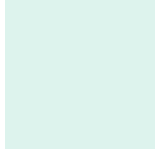
Original Color

74.1049, 89.4878, 95.0285



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.1554, 85.5878, 92.5743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1049, 89.4878, 95.0285 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(196, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 239)  
}
```

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(196, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 74.1049, 89.4878, 95.0285 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(196, 255, 239) }
```


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

```
.border{ border-color:rgb(196, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(196, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1049, 89.4878, 95.0285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 239) }
```

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

```
.background{ background-color: rgb(196,  
255, 239) }
```

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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