

Converting Colors

$Yxy(74.8514, 0.2614, 0.3119)$

Have a look what the booklet for
Yxy(74.8514, 0.2614, 0.3119)
contains.

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Color

Yxy(74.8485, 0.2614, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	A4ECFB
RGB	164, 236, 251
RGB Percent	64%, 93%, 98%
CMY	0.3565, 0.0746, 0.0157
CMYK	0.35, 0.06, 0.00, 0.02
HSL	190°, 92%, 81%
HSV	190°, 35%, 98%
XYZ	62.7297, 74.8485, 102.3977
YIQ	216.1820, -47.7270, -10.5990

Conversions

Conversions Part 2

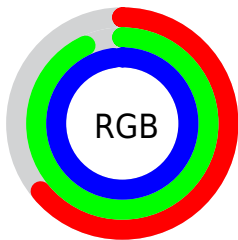
Format	Color
RYB	164, 203, 251
Decimal	10808571
CIELab	89.32, -18.65, -14.36
CIELCh	89, 23.535, 217.595
Yxy	74.8485, 0.2614, 0.3119
Android (android.graphics.Color)	4288998651 (0xFFA4ECFB)
YUV	216.1820, 17.1653, -45.7636
Hunter-Lab	86.5150, -21.9758, -9.6141

Details

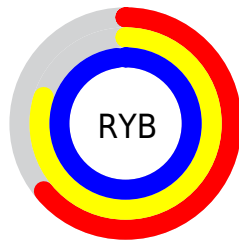
The Yxy color **74.8485, 0.2614, 0.3119** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.4675, 0.3898, 0.3452**, and the grayscale version is **68.7187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **39.7257, 0.2500, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **69.9730, 0.2486, 0.3061**, and if you desaturate by 10%, it is **80.3174, 0.2754, 0.3173**.

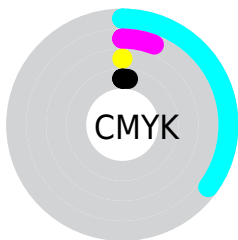
Distribution



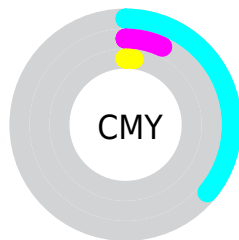
- Red (64%)
- Green (93%)
- Blue (98%)



- Red (64%)
- Yellow (80%)
- Blue (98%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)





- Cyan (36%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8485, 0.2614, 0.3119 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 Yxy color 74.8485, 0.2614, 0.3119 by changing the saturation by 10% instead.


 74.8485, 0.2614,
0.3119

 74.8485, 0.2614,
0.3119


477.3967, 0.2846,
0.3202

 55.4888, 0.2562,
0.3099


 126.0979, 0.2693,
0.3149

 39.7932, 0.2500,
0.3074

 158.7563, 0.2724,
0.3160

 27.3773, 0.2421,
0.3042


196.6165, 0.2751,
0.3170

 17.8568, 0.2321,
0.2999

240.0628, 0.2775,
0.3178

 10.8472, 0.2188,
0.2939

289.4795, 0.2796,
0.3185

 5.9642, 0.2004,
0.2849

345.2512, 0.2814,

 2.8233, 0.1737,

0.3192

0.2705

407.7621, 0.2831,
0.3197

1.0402, 0.1245,
0.2463

0.0000, 0.0000,
0.0000

74.8485, 0.2614,
0.3119

74.8485, 0.2614,
0.3119

69.9730, 0.2486,
0.3061

80.3174, 0.2754,
0.3173

65.6506, 0.2372,
0.3001

86.3999, 0.2902,
0.3224

61.8493, 0.2276,
0.2939

93.1259, 0.3055,
0.3270

58.5299, 0.2199,
0.2877

98.6766, 0.3151,
0.3312

■ 55.6469, 0.2142,
0.2814

■ 99.7444, 0.3150,
0.3328

■ 53.1445, 0.2104,
0.2751

■ 51.9131, 0.2089,
0.2718

Harmonies

Analogous

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



74.8485, 0.2744, 0.3382



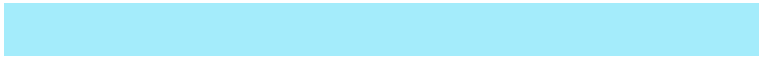
74.8485, 0.2614, 0.3119



74.8485, 0.2614, 0.2920

Triad

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



74.8485, 0.2614, 0.3119



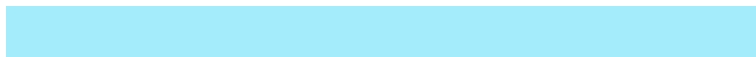
74.8485, 0.3263, 0.2983



74.8485, 0.3511, 0.3771

Complementary

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



74.8485, 0.2614, 0.3119



55.4675, 0.3898, 0.3452

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.



74.8485, 0.3665, 0.3636



74.8485, 0.2614, 0.3119



74.8485, 0.3520, 0.3186

Square

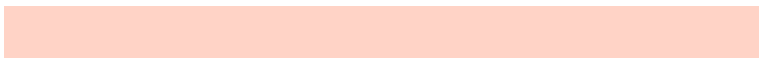
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8485, 0.2614, 0.3119



74.8485, 0.2979, 0.2854



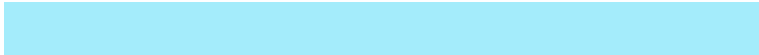
74.8485, 0.3669, 0.3421



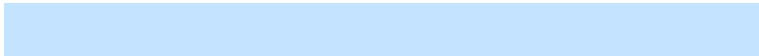
74.8485, 0.3257, 0.3774

Rectangle

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



74.8485, 0.2614, 0.3119



74.8485, 0.2688, 0.2846



74.8485, 0.3669, 0.3421



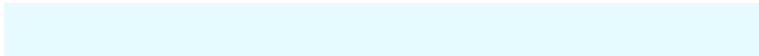
74.8485, 0.3576, 0.3738

Sweetspot

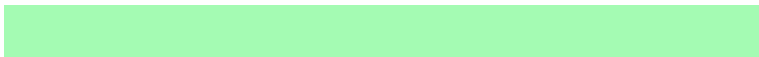
The Sweet Spot groups the original color and five complimentary colors.



74.8515, 0.2614, 0.3119



92.7041, 0.2972, 0.3246



80.1274, 0.3003, 0.4154



19.6348, 0.2951, 0.3239



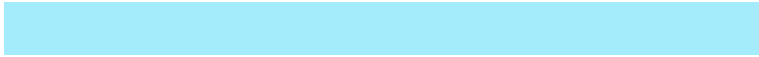
0.0000, 0.0000, 0.0000



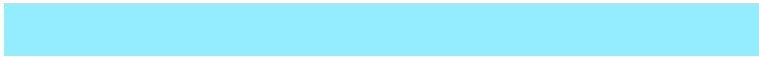
21.4041, 0.3127, 0.3290

Same Dimension

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



74.8515, 0.2614, 0.3119



73.7934, 0.2518, 0.3077



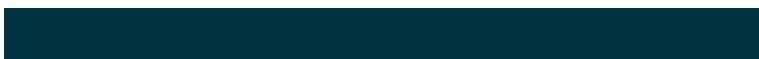
53.0317, 0.2545, 0.2604



19.0687, 0.2980, 0.3248



27.4810, 0.2091, 0.2729



2.6751, 0.2112, 0.2803

Inverse Universe

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



53.1463, 0.3289, 0.2563



48.4945, 0.3333, 0.2411



75.4458, 0.3744, 0.3890



17.4701, 0.3164, 0.3096



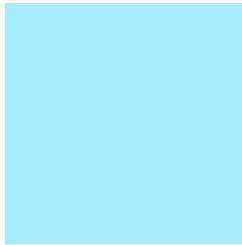
13.1851, 0.3701, 0.1813



1.2343, 0.3632, 0.1774

Previews

White Background



This preview shows how the Yxy color 74.8485, 0.2614, 0.3119 looks on a white background.

Color Contrast Check

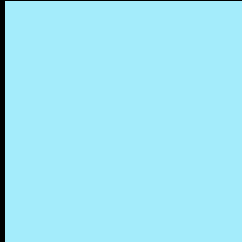
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 74.8485, 0.2614, 0.3119 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](#).

Yxy 74.8485, 0.2614, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 74.8485, 0.2614, 0.3119.

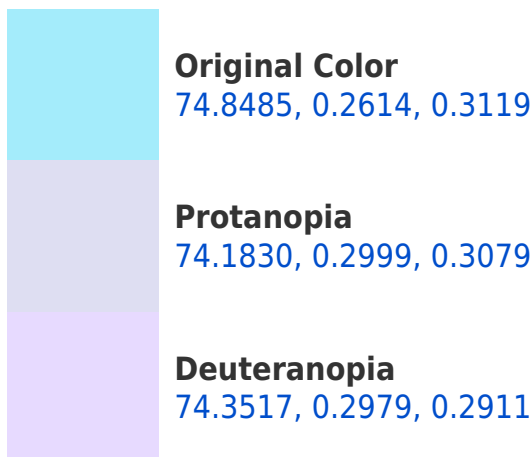


This preview shows how white text looks on a background with the Yxy color 74.8485, 0.2614, 0.3119.

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

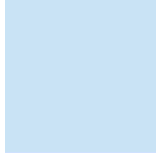
74.5718, 0.2602, 0.3075

Trichromacy



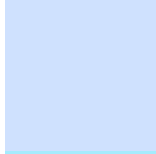
Original Color

74.8485, 0.2614, 0.3119



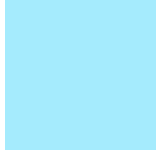
Protanomaly

73.9482, 0.2846, 0.3093



Deuteranomaly

74.2716, 0.2831, 0.2980



Tritanomaly

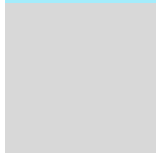
74.5078, 0.2607, 0.3086

Monochromacy



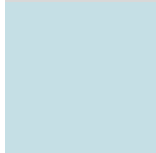
Original Color

74.8485, 0.2614, 0.3119



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.3028, 0.2913, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8485, 0.2614, 0.3119 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(164, 236, 251)` looks like.

```
.text, #text, p{  
    color:rgb(164, 236, 251)  
}
```

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(164, 236, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 236, 251) }
```

Border

The CSS property to change the border of an element to Yxy 74.8485, 0.2614, 0.3119 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(164, 236, 251) }
```

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

```
.border{ border-color:rgb(164, 236, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 236, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 236, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 236, 251);  
box-shadow:4px 4px 4px 4px rgb(164, 236,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8485, 0.2614, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 236, 251) }
```

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

```
.background{ background-color: rgb(164,  
236, 251) }
```

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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