

Converting Colors

Yxy(74.6118, 0.2647, 0.3045)

Have a look what the booklet for
Yxy(74.6118, 0.2647, 0.3045)
contains.

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Color

Yxy(74.6118, 0.2647, 0.3045)

Conversions

Conversions Part 1

Format	Color
Hex	AFE9FF
RGB	175, 233, 255
RGB Percent	69%, 91%, 100%
CMY	0.3138, 0.0862, 0.0001
CMYK	0.31, 0.09, 0.00, 0.00
HSL	196°, 100%, 84%
HSV	196°, 31%, 100%
XYZ	64.8596, 74.6118, 105.5592
YIQ	218.1660, -41.6300, -5.4540

Conversions

Conversions Part 2

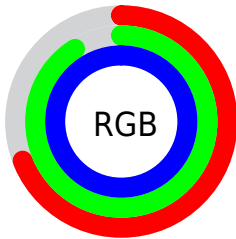
Format	Color
R_{YB}	175, 209, 255
Decimal	11528703
CIE _{Lab}	89.21, -13.30, -16.55
CIE _{LCh}	89, 21.226, 231.214
Yxy	74.6118, 0.2647, 0.3045
Android (android.graphics.Color)	4289718783 (0xFFAFE9FF)
YUV	218.1660, 18.1592, -37.8566
Hunter-Lab	86.3781, -17.1297, -11.9912

Details

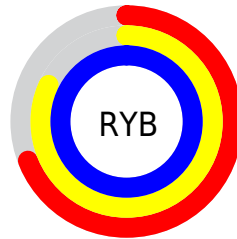
The Yxy color **74.6118, 0.2647, 0.3045** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.2493, 0.3777, 0.3521**, and the grayscale version is **70.1234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **39.5146, 0.2541, 0.2983** is the 20% darker color. If you saturate the color by 10%, you get **68.0543, 0.2505, 0.2953**, and if you desaturate by 10%, it is **81.8893, 0.2797, 0.3131**.

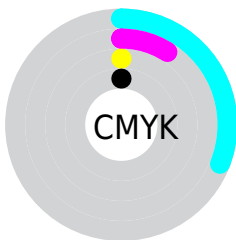
Distribution



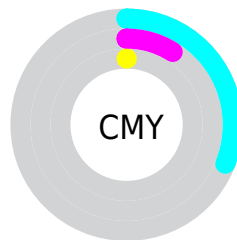
- Red (69%)
- Green (91%)
- Blue (100%)



- Red (69%)
- Yellow (82%)
- Blue (100%)



- Cyan (31%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (31%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6118, 0.2647, 0.3045 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 74.6118, 0.2647, 0.3045 by changing the saturation by 10% instead.


 74.6118, 0.2647,
0.3045

 74.6118, 0.2647,
0.3045

476.5822, 0.2864,
0.3161

 55.2949, 0.2599,
0.3018


 125.7627, 0.2721,
0.3086

 39.6379, 0.2540,
0.2985


158.3655, 0.2751,
0.3101

 27.2563, 0.2466,
0.2942


196.1657, 0.2776,
0.3115

 17.7658, 0.2371,
0.2885

239.5478, 0.2798,
0.3127

 10.7820, 0.2246,
0.2808

288.8961, 0.2817,
0.3137

 5.9204, 0.2073,
0.2696

344.5950, 0.2835,

 2.7968, 0.1820,

0.3146

0.2522

407.0289, 0.2850,
0.3154

■ 1.0266, 0.1397,
0.2225

■ 0.0000, 0.0000,
0.0000

■ 74.6118, 0.2647,
0.3045

■ 74.6118, 0.2647,
0.3045

■ 68.0543, 0.2505,
0.2953

■ 81.8893, 0.2797,
0.3131

■ 62.1746, 0.2374,
0.2856

■ 89.9086, 0.2951,
0.3209

■ 56.9393, 0.2258,
0.2754

■ 98.7014, 0.3106,
0.3281

■ 52.3080, 0.2160,
0.2650

■ 99.9977, 0.3127,
0.3290

■ 48.2341, 0.2081,
0.2546

■ 44.6625, 0.2023,
0.2442

■ 41.9116, 0.1987,
0.2353

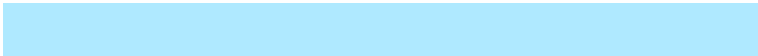
Harmonies

Analogous

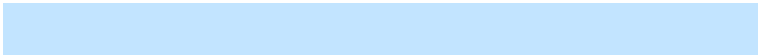
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6118, 0.2713, 0.3263



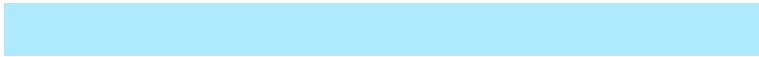
74.6118, 0.2647, 0.3045



74.6118, 0.2702, 0.2905

Triad

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



74.6118, 0.2647, 0.3045



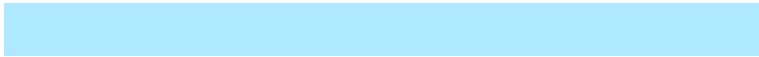
74.6118, 0.3363, 0.3089



74.6118, 0.3378, 0.3741

Complementary

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



74.6118, 0.2647, 0.3045



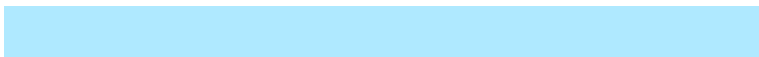
64.2493, 0.3777, 0.3521

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.



74.6118, 0.3565, 0.3671



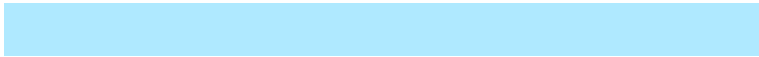
74.6118, 0.2647, 0.3045



74.6118, 0.3558, 0.3293

Square

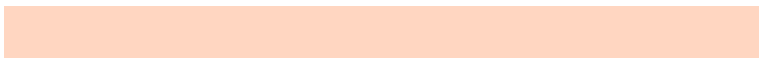
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



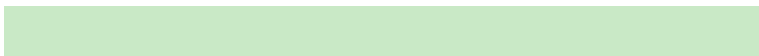
74.6118, 0.2647, 0.3045



74.6118, 0.3109, 0.2937



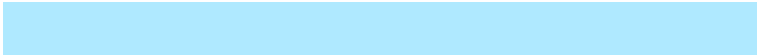
74.6118, 0.3632, 0.3504



74.6118, 0.3129, 0.3681

Rectangle

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



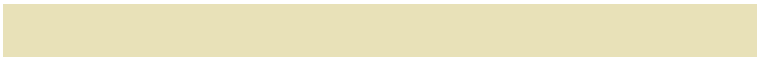
74.6118, 0.2647, 0.3045



74.6118, 0.2802, 0.2869



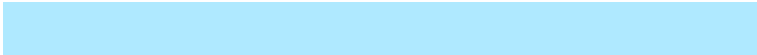
74.6118, 0.3632, 0.3504



74.6118, 0.3451, 0.3731

Sweetspot

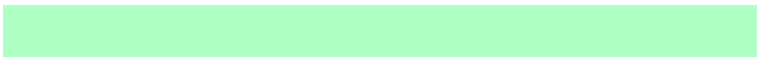
The Sweet Spot groups the original color and five complimentary colors.



74.6148, 0.2647, 0.3045



91.9511, 0.2987, 0.3227



84.6085, 0.2972, 0.3964



19.4156, 0.2965, 0.3216



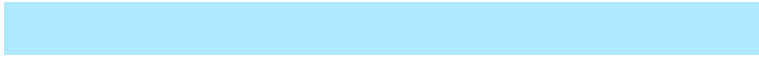
0.0000, 0.0000, 0.0000



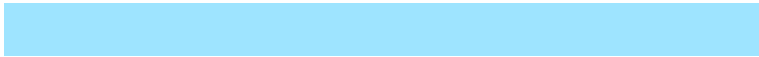
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6148, 0.2647, 0.3045



70.2098, 0.2552, 0.2985



54.7548, 0.2592, 0.2584



19.5888, 0.2980, 0.3223



22.1691, 0.1992, 0.2370



2.3412, 0.2024, 0.2488

Inverse Universe

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



57.7898, 0.3337, 0.2706



51.3719, 0.3395, 0.2582



84.5122, 0.3655, 0.3908



18.2103, 0.3180, 0.3119



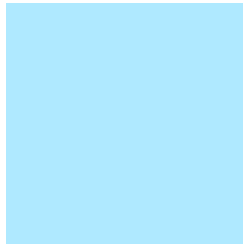
12.9659, 0.4053, 0.2007



1.2809, 0.3935, 0.1941

Previews

White Background



This preview shows how the Yxy color 74.6118, 0.2647, 0.3045 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 74.6118, 0.2647, 0.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

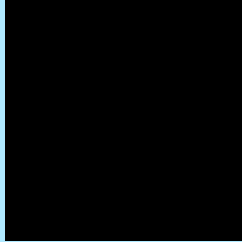
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

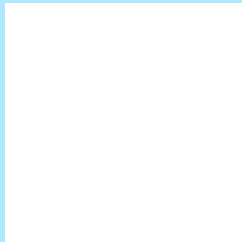
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6118, 0.2647, 0.3045

Background



This preview shows how black text looks on a background with the Yxy color 74.6118, 0.2647, 0.3045.

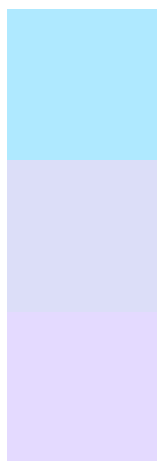


This preview shows how white text looks on a background with the Yxy color 74.6118, 0.2647, 0.3045.

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

74.6118, 0.2647, 0.3045

Protanopia

74.2355, 0.2949, 0.3016

Deuteranopia

73.8568, 0.2959, 0.2909



Tritanopia

74.3048, 0.2657, 0.3076

Trichromacy



Original Color

74.6118, 0.2647, 0.3045

Protanomaly

74.1951, 0.2830, 0.3021

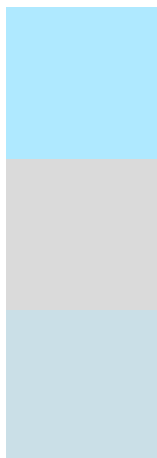
Deuteranomaly

73.5507, 0.2837, 0.2950

Tritanomaly

74.3683, 0.2652, 0.3066

Monochromacy



Original Color

74.6118, 0.2647, 0.3045

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.1014, 0.2933, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6118, 0.2647, 0.3045 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(175, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 233, 255)  
}
```

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(175, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 233, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.6118, 0.2647, 0.3045 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(175, 233, 255) }
```

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

```
.border{ border-color:rgb(175, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 233,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6118, 0.2647, 0.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 233, 255) }
```

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

```
.background{ background-color: rgb(175,  
233, 255) }
```

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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