

Converting Colors

$Yxy(74.4970, 0.2665, 0.3035)$

Have a look what the booklet for
Yxy(74.4970, 0.2665, 0.3035)
contains.

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Color

Yxy(74.5169, 0.2667, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	B3E8FF
RGB	179, 232, 255
RGB Percent	70%, 91%, 100%
CMY	0.2983, 0.0901, 0.0001
CMYK	0.30, 0.09, 0.00, 0.00
HSL	198°, 100%, 85%
HSV	198°, 30%, 100%
XYZ	65.4816, 74.5169, 105.5267
YIQ	218.7750, -38.9710, -4.0830

Conversions

Conversions Part 2

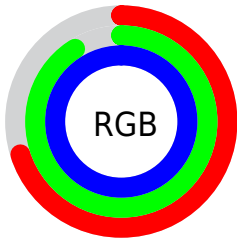
Format	Color
R_{YB}	179, 210, 255
Decimal	11790591
CIE _{Lab}	89.17, -11.70, -16.60
CIE _{LCh}	89, 20.312, 234.824
Y _{xy}	74.5169, 0.2667, 0.3035
Android (android.graphics.Color)	4289980671 (0xFFB3E8FF)
YUV	218.7750, 17.8589, -34.8827
Hunter-Lab	86.3232, -15.6620, -12.0535

Details

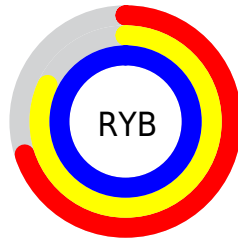
The Yxy color **74.5169, 0.2667, 0.3035** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.6978, 0.3729, 0.3530**, and the grayscale version is **70.5602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **39.4130, 0.2565, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **67.5188, 0.2521, 0.2934**, and if you desaturate by 10%, it is **82.2724, 0.2819, 0.3128**.

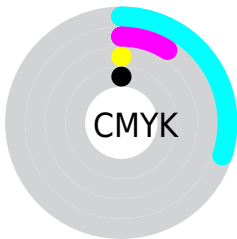
Distribution



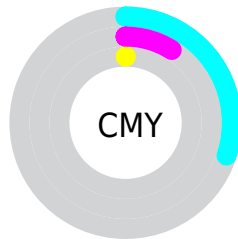
- Red (70%)
- Green (91%)
- Blue (100%)



- Red (70%)
- Yellow (82%)
- Blue (100%)



- Cyan (30%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (30%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5169, 0.2667, 0.3035 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 74.5169, 0.2667, 0.3035 by changing the saturation by 10% instead.


 74.5169, 0.2667,
0.3035

 74.5169, 0.2667,
0.3035

476.2555, 0.2875,
0.3155

 55.2172, 0.2621,
0.3007

 125.6283, 0.2738,
0.3077

 39.5757, 0.2564,
0.2973


158.2088, 0.2766,
0.3093

 27.2078, 0.2493,
0.2929


195.9849, 0.2791,
0.3107

 17.7294, 0.2402,
0.2871

239.3412, 0.2812,
0.3119

 10.7559, 0.2281,
0.2792

288.6621, 0.2831,
0.3130

 5.9029, 0.2114,
0.2678

344.3318, 0.2847,

 2.7861, 0.1868,

0.3139

0.2502

406.7348, 0.2862,
0.3148

1.0211, 0.1463,
0.2201

0.0000, 0.0000,
0.0000

74.5169, 0.2667,
0.3035

74.5169, 0.2667,
0.3035

67.5188, 0.2521,
0.2934

82.2724, 0.2819,
0.3128

61.2359, 0.2385,
0.2827

90.8074, 0.2975,
0.3214

55.6346, 0.2263,
0.2715

99.9991, 0.3127,
0.3290

50.6745, 0.2157,
0.2600

■ 46.3095, 0.2072,
0.2484

■ 42.4854, 0.2007,
0.2368

■ 39.1164, 0.1960,
0.2255

■ 39.0614, 0.1959,
0.2253

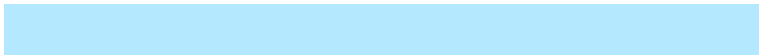
Harmonies

Analogous

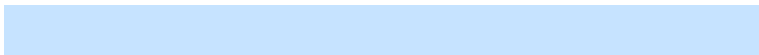
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5169, 0.2717, 0.3237



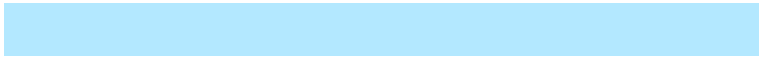
74.5169, 0.2667, 0.3035



74.5169, 0.2734, 0.2912

Triad

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



74.5169, 0.2667, 0.3035



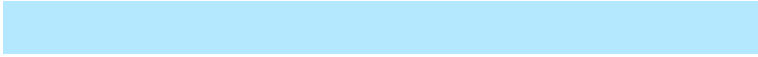
74.5169, 0.3380, 0.3119



74.5169, 0.3341, 0.3721

Complementary

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



74.5169, 0.2667, 0.3035



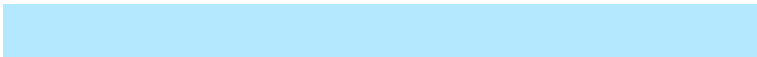
66.6978, 0.3729, 0.3530

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.



74.5169, 0.3530, 0.3669



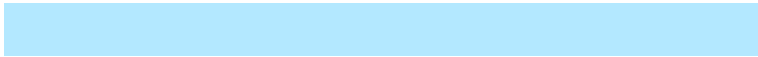
74.5169, 0.2667, 0.3035



74.5169, 0.3555, 0.3318

Square

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



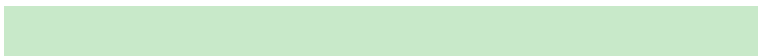
74.5169, 0.2667, 0.3035



74.5169, 0.3140, 0.2965



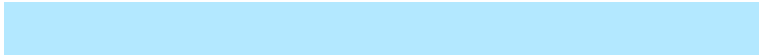
74.5169, 0.3610, 0.3518



74.5169, 0.3100, 0.3648

Rectangle

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



74.5169, 0.2667, 0.3035



74.5169, 0.2838, 0.2885



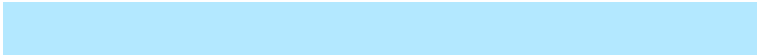
74.5169, 0.3610, 0.3518



74.5169, 0.3413, 0.3717

Sweetspot

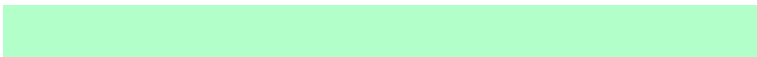
The Sweet Spot groups the original color and five complimentary colors.



74.5199, 0.2667, 0.3035



91.5628, 0.2987, 0.3221



85.3381, 0.2965, 0.3896



19.3196, 0.2965, 0.3209



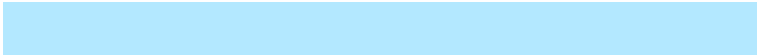
0.0000, 0.0000, 0.0000



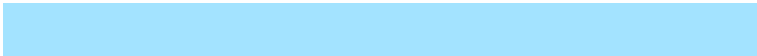
21.4041, 0.3127, 0.3290

Same Dimension

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



74.5199, 0.2667, 0.3035



70.1218, 0.2576, 0.2974



55.4386, 0.2617, 0.2594



19.5012, 0.2980, 0.3217



20.6877, 0.1965, 0.2272



2.2064, 0.2001, 0.2402

Inverse Universe

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



59.2950, 0.3341, 0.2755



53.0873, 0.3399, 0.2643



86.6962, 0.3620, 0.3901



18.2015, 0.3185, 0.3125



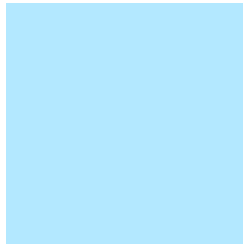
12.8164, 0.4156, 0.2063



1.2673, 0.4021, 0.1989

Previews

White Background



This preview shows how the Yxy color 74.5169, 0.2667, 0.3035 looks on a white background.

Color Contrast Check

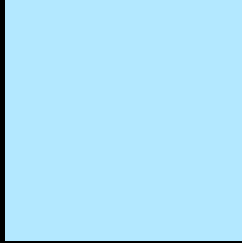
Large Text (above 18pt) WCAG AA × Fail

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 74.5169, 0.2667, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

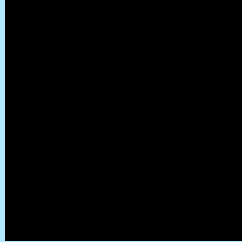
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5169, 0.2667, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 74.5169, 0.2667, 0.3035.

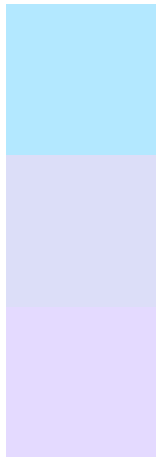


This preview shows how white text looks on a background with the Yxy color 74.5169, 0.2667, 0.3035.

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

74.5169, 0.2667, 0.3035

Protanopia

74.2355, 0.2949, 0.3016

Deuteranopia

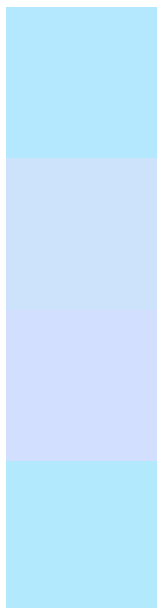
73.8568, 0.2959, 0.2909



Tritanopia

74.7078, 0.2684, 0.3089

Trichromacy



Original Color

74.5169, 0.2667, 0.3035

Protanomaly

74.3369, 0.2836, 0.3021

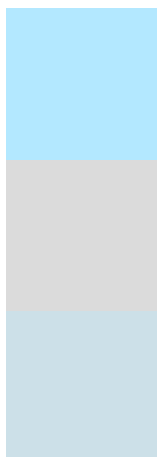
Deuteranomaly

73.6970, 0.2843, 0.2950

Tritanomaly

74.7711, 0.2678, 0.3078

Monochromacy



Original Color

74.5169, 0.2667, 0.3035

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.9749, 0.2941, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5169, 0.2667, 0.3035 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(179, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 232, 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(179, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 232, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.5169, 0.2667, 0.3035 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(179, 232, 255) }
```

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

```
.border{ border-color:rgb(179, 232, 255) }
```

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

Here you see how a box with a 4 pixel rgb(179, 232, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 232,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5169, 0.2667, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 232, 255) }
```

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

```
.background{ background-color: rgb(179,  
232, 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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