

Converting Colors

$Yxy(80.7044, 0.2374, 0.2404)$

Have a look what the booklet for
Yxy(80.7044, 0.2374, 0.2404)
contains.

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Color

Yxy(75.4429, 0.2685, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	B6E9FF
RGB	182, 233, 255
RGB Percent	71%, 91%, 100%
CMY	0.2863, 0.0863, 0.0000
CMYK	0.29, 0.09, 0.00, 0.00
HSL	198°, 100%, 86%
HSV	198°, 29%, 100%
XYZ	66.4799, 75.4429, 105.6745
YIQ	220.2590, -37.4580, -3.9700

Conversions

Conversions Part 2

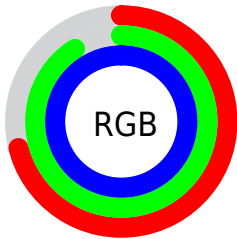
Format	Color
R _Y B	182, 212, 255
Decimal	11987455
CIE Lab	89.60, -11.34, -15.95
CIE LCh	90, 19.567, 234.586
Yxy	75.4429, 0.2685, 0.3047
Android (android.graphics.Color)	4290177535 (0xFFB6E9FF)
YUV	220.2590, 17.1273, -33.5531
Hunter-Lab	86.8579, -15.3797, -11.3339

Details

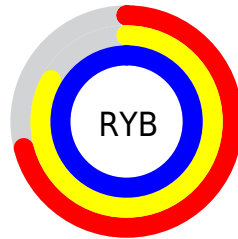
The Yxy color **75.4429, 0.2685, 0.3047** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.8171, 0.3699, 0.3520**, and the grayscale version is **71.6583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **40.0335, 0.2587, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **68.3625, 0.2538, 0.2948**, and if you desaturate by 10%, it is **83.2824, 0.2838, 0.3139**.

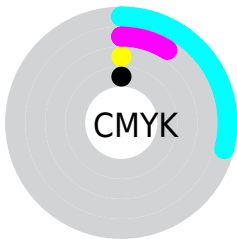
Distribution



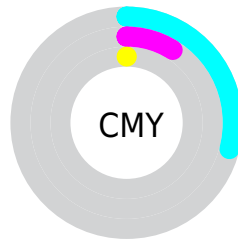
- Red (71%)
- Green (91%)
- Blue (100%)



- Red (71%)
- Yellow (83%)
- Blue (100%)



- Cyan (29%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4429, 0.2685, 0.3047 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 75.4429, 0.2685, 0.3047 by changing the saturation by 10% instead.


 75.4429, 0.2685,
0.3047

 75.4429, 0.2685,
0.3047


479.4385, 0.2885,
0.3161

 55.9758, 0.2640,
0.3021

 126.9391, 0.2753,
0.3087

 40.1835, 0.2586,
0.2988


159.7370, 0.2780,
0.3102

 27.6817, 0.2518,
0.2946

197.7473, 0.2804,
0.3116

 18.0858, 0.2431,
0.2892

241.3544, 0.2824,
0.3127

 11.0116, 0.2315,
0.2817

290.9427, 0.2842,
0.3137

 6.0747, 0.2155,
0.2710

346.8965, 0.2858,

 2.8905, 0.1920,

0.3146

0.2543

409.6003, 0.2872,
0.3154

1.0749, 0.1540,
0.2258

0.0000, 0.0000,
0.0000

75.4429, 0.2685,
0.3047

75.4429, 0.2685,
0.3047

68.3625, 0.2538,
0.2948

83.2824, 0.2838,
0.3139

62.0014, 0.2401,
0.2841

91.9051, 0.2993,
0.3224

56.3259, 0.2277,
0.2730

100.0000, 0.3127,
0.3290

51.2959, 0.2169,
0.2616

■ 46.8664, 0.2081,
0.2500

■ 42.9842, 0.2014,
0.2384

■ 39.5746, 0.1966,
0.2271

■ 39.1311, 0.1960,
0.2255

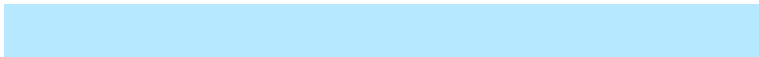
Harmonies

Analogous

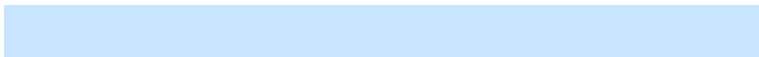
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4429, 0.2734, 0.3242



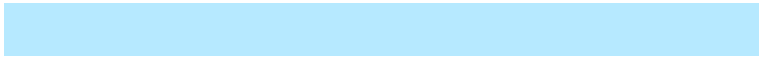
75.4429, 0.2685, 0.3047



75.4429, 0.2749, 0.2927

Triad

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



75.4429, 0.2685, 0.3047



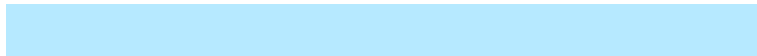
75.4429, 0.3368, 0.3125



75.4429, 0.3335, 0.3703

Complementary

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



75.4429, 0.2685, 0.3047



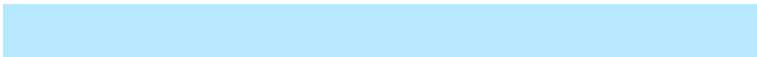
67.8171, 0.3699, 0.3520

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.



75.4429, 0.3514, 0.3653



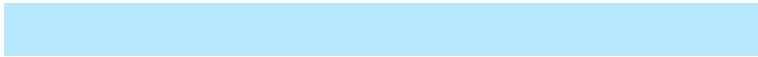
75.4429, 0.2685, 0.3047



75.4429, 0.3536, 0.3316

Square

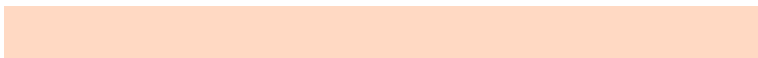
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



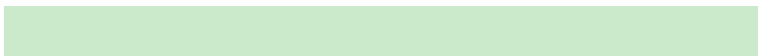
75.4429, 0.2685, 0.3047



75.4429, 0.3137, 0.2977



75.4429, 0.3590, 0.3508



75.4429, 0.3103, 0.3634

Rectangle

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



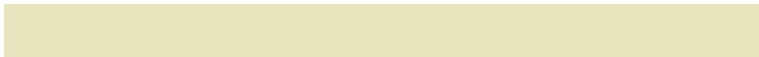
75.4429, 0.2685, 0.3047



75.4429, 0.2848, 0.2901



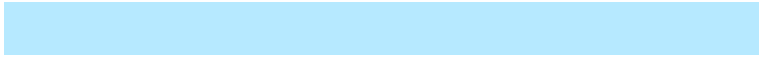
75.4429, 0.3590, 0.3508



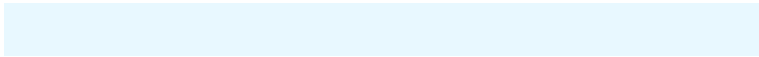
75.4429, 0.3403, 0.3699

Sweetspot

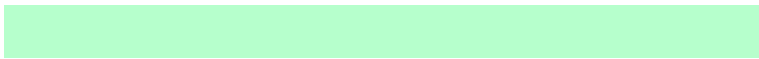
The Sweet Spot groups the original color and five complimentary colors.



75.4452, 0.2685, 0.3047



91.5718, 0.2987, 0.3221



85.8189, 0.2971, 0.3867



19.3219, 0.2965, 0.3209



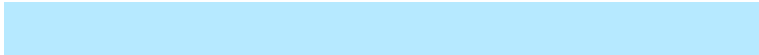
0.0000, 0.0000, 0.0000



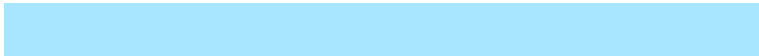
21.4041, 0.3127, 0.3290

Same Dimension

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



75.4452, 0.2685, 0.3047



71.5501, 0.2605, 0.2995



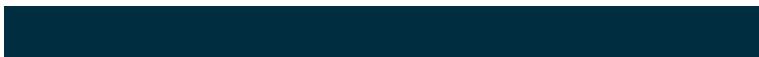
56.9129, 0.2640, 0.2626



19.5032, 0.2980, 0.3217



20.7214, 0.1965, 0.2274



2.2095, 0.2001, 0.2404

Inverse Universe

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



60.5967, 0.3330, 0.2777



55.0266, 0.3379, 0.2678



87.1923, 0.3599, 0.3876



18.2017, 0.3184, 0.3125



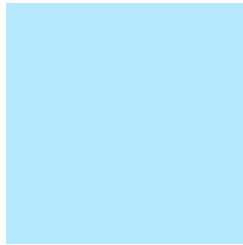
12.8198, 0.4154, 0.2062



1.2676, 0.4019, 0.1988

Previews

White Background



This preview shows how the Yxy color 75.4429, 0.2685, 0.3047 looks on a white background.

Color Contrast Check

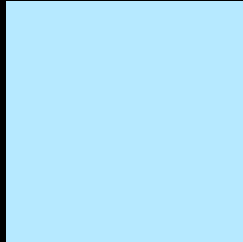
Large Text (above 18pt) WCAG AA × Fail

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 75.4429, 0.2685, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

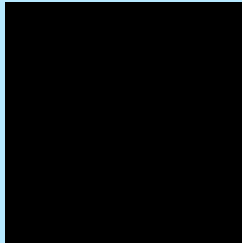
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4429, 0.2685, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 75.4429, 0.2685, 0.3047.



This preview shows how white text looks on a background with the Yxy color 75.4429, 0.2685, 0.3047.

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

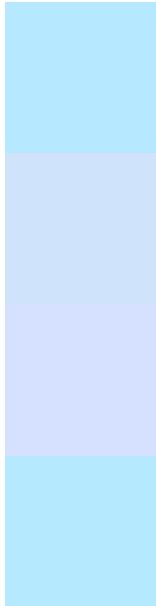




Tritanopia

75.1299, 0.2695, 0.3079

Trichromacy



Original Color

75.4429, 0.2685, 0.3047

Protanomaly

75.1686, 0.2849, 0.3033

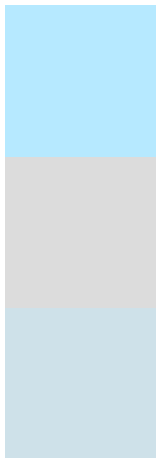
Deuteranomaly

75.2166, 0.2863, 0.2974

Tritanomaly

75.1934, 0.2690, 0.3068

Monochromacy



Original Color

75.4429, 0.2685, 0.3047

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.8554, 0.2948, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4429, 0.2685, 0.3047 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(182, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 233, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.4429, 0.2685, 0.3047 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(182, 233, 255) }
```

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

```
.border{ border-color:rgb(182, 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(182, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 233,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4429, 0.2685, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 233, 255) }
```

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

```
.background{ background-color: rgb(182,  
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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