

Converting Colors

$Yxy(74.6024, 0.2735, 0.3046)$

Have a look what the booklet for
Yxy(74.6024, 0.2735, 0.3046)
contains.

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Color

Yxy(74.4407, 0.2737, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	BDE6FC
RGB	189, 230, 252
RGB Percent	74%, 90%, 99%
CMY	0.2590, 0.0980, 0.0118
CMYK	0.25, 0.09, 0.00, 0.01
HSL	201°, 91%, 86%
HSV	201°, 25%, 99%
XYZ	66.8452, 74.4407, 102.9421
YIQ	220.2490, -31.4980, -1.8500

Conversions

Conversions Part 2

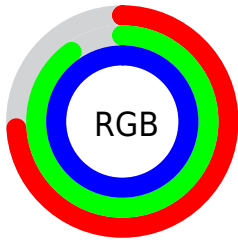
Format	Color
RYB	189, 214, 252
Decimal	12445436
CIELab	89.13, -8.50, -15.04
CIElCh	89, 17.273, 240.511
Yxy	74.4407, 0.2737, 0.3048
Android (android.graphics.Color)	4290635516 (0xFFBDE6FC)
YUV	220.2490, 15.6532, -27.4054
Hunter-Lab	86.2790, -12.6943, -10.3454

Details

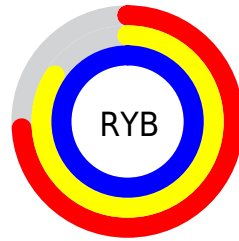
The Yxy color **74.4407, 0.2737, 0.3048** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.9286, 0.3603, 0.3520**, and the grayscale version is **71.6545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **39.6684, 0.2650, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **66.7276, 0.2584, 0.2935**, and if you desaturate by 10%, it is **82.9663, 0.2893, 0.3152**.

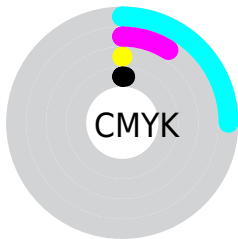
Distribution



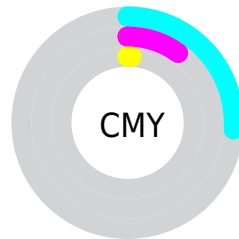
- Red (74%)
- Green (90%)
- Blue (99%)



- Red (74%)
- Yellow (84%)
- Blue (99%)



- Cyan (25%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (26%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4407, 0.2737, 0.3048 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 74.4407, 0.2737, 0.3048 by changing the saturation by 10% instead.

■ 74.4407, 0.2737,
0.3048

■ 74.4407, 0.2737,
0.3048

■ 475.9930, 0.2914,
0.3161

■ 55.1548, 0.2697,
0.3022

■ 125.5203, 0.2798,
0.3087

■ 39.5257, 0.2649,
0.2990

■ 158.0829, 0.2822,
0.3103

■ 27.1689, 0.2588,
0.2949

■ 195.8397, 0.2842,
0.3116

■ 17.7001, 0.2509,
0.2895

■ 239.1753, 0.2860,
0.3127

■ 10.7349, 0.2404,
0.2822

■ 288.4741, 0.2876,
0.3137

■ 5.8889, 0.2258,
0.2717

■ 344.1203, 0.2890,

■ 2.7776, 0.2040,

0.3146

0.2553

406.4985, 0.2903,
0.3154

■ 1.0168, 0.1683,
0.2272

■ 0.0000, 0.0000,
0.0000

■ 74.4407, 0.2737,
0.3048

■ 74.4407, 0.2737,
0.3048

■ 66.7276, 0.2584,
0.2935

■ 82.9663, 0.2893,
0.3152

■ 59.7855, 0.2438,
0.2814

■ 92.3257, 0.3050,
0.3246

■ 53.5820, 0.2302,
0.2685

■ 99.8085, 0.3144,
0.3319

■ 48.0786, 0.2181,
0.2552

■ 43.2320, 0.2079,
0.2416

■ 38.9923, 0.1997,
0.2281

■ 35.2991, 0.1936,
0.2148

■ 33.6213, 0.1912,
0.2082

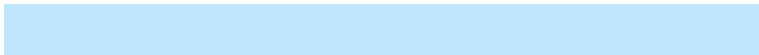
Harmonies

Analogous

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



74.4407, 0.2761, 0.3211



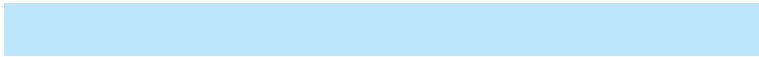
74.4407, 0.2737, 0.3048



74.4407, 0.2813, 0.2957

Triad

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



74.4407, 0.2737, 0.3048



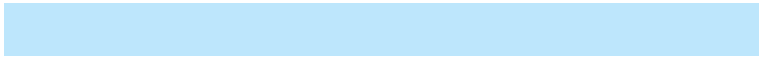
74.4407, 0.3376, 0.3175



74.4407, 0.3273, 0.3652

Complementary

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



74.4407, 0.2737, 0.3048



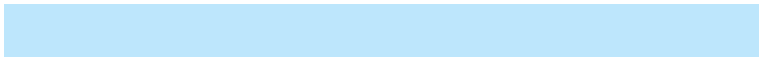
70.9286, 0.3603, 0.3520

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.



74.4407, 0.3445, 0.3629



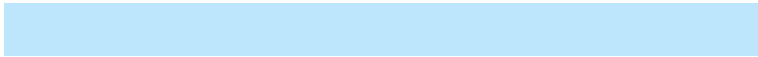
74.4407, 0.2737, 0.3048



74.4407, 0.3508, 0.3349

Square

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



74.4407, 0.2737, 0.3048



74.4407, 0.3179, 0.3033



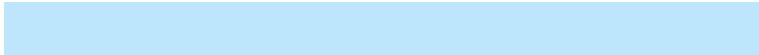
74.4407, 0.3533, 0.3515



74.4407, 0.3066, 0.3569

Rectangle

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



74.4407, 0.2737, 0.3048



74.4407, 0.2912, 0.2944



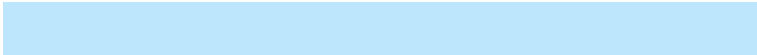
74.4407, 0.3533, 0.3515



74.4407, 0.3337, 0.3656

Sweetspot

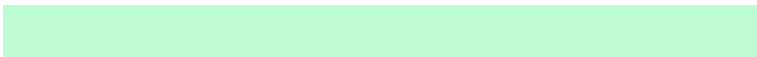
The Sweet Spot groups the original color and five complimentary colors.



74.4437, 0.2737, 0.3048



91.8786, 0.3003, 0.3219



85.0876, 0.2979, 0.3759



19.3525, 0.2980, 0.3205



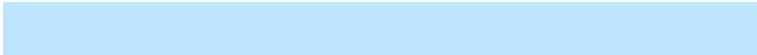
0.0000, 0.0000, 0.0000



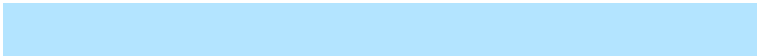
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4437, 0.2737, 0.3048



72.4076, 0.2660, 0.2993



58.9021, 0.2706, 0.2698



18.5299, 0.2980, 0.3205



17.8000, 0.1918, 0.2105



1.8470, 0.1962, 0.2262

Inverse Universe

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



62.7861, 0.3322, 0.2873



58.9194, 0.3372, 0.2786



87.5723, 0.3530, 0.3820



17.4157, 0.3192, 0.3137



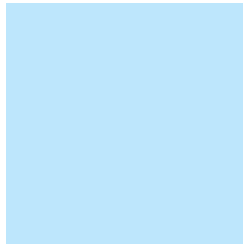
12.2078, 0.4336, 0.2162



1.1507, 0.4166, 0.2069

Previews

White Background



This preview shows how the Yxy color 74.4407, 0.2737, 0.3048 looks on a white background.

Color Contrast Check

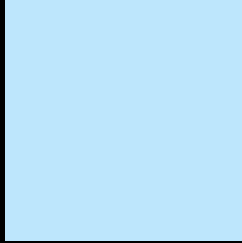
Large Text (above 18pt) WCAG AA × Fail

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 74.4407, 0.2737, 0.3048 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

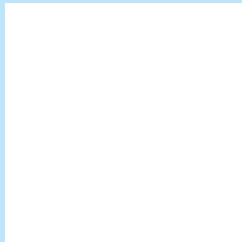
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4407, 0.2737, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 74.4407, 0.2737, 0.3048.

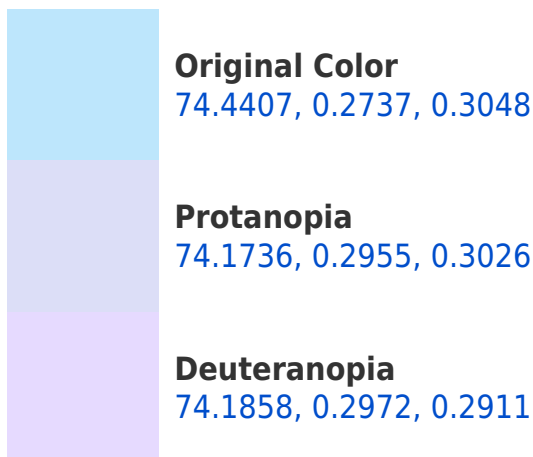


This preview shows how white text looks on a background with the Yxy color 74.4407, 0.2737, 0.3048.

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

74.6827, 0.2749, 0.3091

Trichromacy



Original Color

74.4407, 0.2737, 0.3048

Protanomaly

74.2453, 0.2872, 0.3033

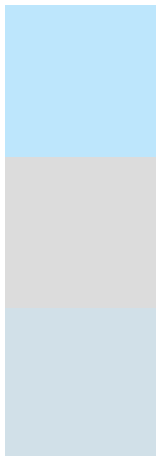
Deuteranomaly

73.8454, 0.2880, 0.2953

Tritanomaly

74.7453, 0.2743, 0.3080

Monochromacy



Original Color

74.4407, 0.2737, 0.3048

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.6928, 0.2974, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4407, 0.2737, 0.3048 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(189, 230, 252)` looks like.

```
.text, #text, p{  
    color:rgb(189, 230, 252)  
}
```

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(189, 230, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 230, 252) }
```

Border

The CSS property to change the border of an element to Yxy 74.4407, 0.2737, 0.3048 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(189, 230, 252) }
```

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

```
.border{ border-color:rgb(189, 230, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 230, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 230, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 230, 252);  
box-shadow:4px 4px 4px 4px rgb(189, 230,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4407, 0.2737, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 230, 252) }
```

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

```
.background{ background-color: rgb(189,  
230, 252) }
```

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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