

Converting Colors

$Yxy(74.0678, 0.2700, 0.3048)$

Have a look what the booklet for
Yxy(74.0678, 0.2700, 0.3048)
contains.

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Color

Yxy(74.2474, 0.2704, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	B7E7FC
RGB	183, 231, 252
RGB Percent	72%, 91%, 99%
CMY	0.2823, 0.0941, 0.0118
CMYK	0.27, 0.08, 0.00, 0.01
HSL	198°, 92%, 85%
HSV	198°, 27%, 99%
XYZ	65.6739, 74.2474, 102.9554
YIQ	219.0420, -35.3490, -3.6450

Conversions

Conversions Part 2

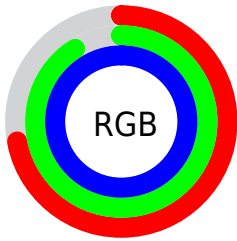
Format	Color
R _{YB}	183, 211, 252
Decimal	12052476
CIE Lab	89.04, -10.72, -15.20
CIE LCh	89, 18.602, 234.801
Yxy	74.2474, 0.2704, 0.3057
Android (android.graphics.Color)	4290242556 (0xFFB7E7FC)
YUV	219.0420, 16.2483, -31.6088
Hunter-Lab	86.1669, -14.7448, -10.5250

Details

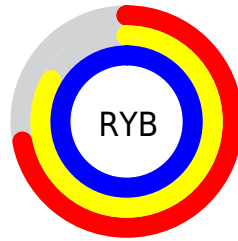
The Yxy color **74.2474, 0.2704, 0.3057** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.2932, 0.3667, 0.3511**, and the grayscale version is **70.7745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **39.1893, 0.2608, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **67.2344, 0.2556, 0.2957**, and if you desaturate by 10%, it is **82.0074, 0.2857, 0.3149**.

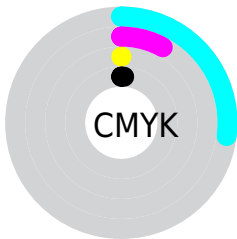
Distribution



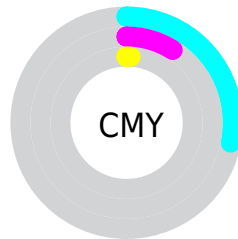
- Red (72%)
- Green (91%)
- Blue (99%)



- Red (72%)
- Yellow (83%)
- Blue (99%)



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (28%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2474, 0.2704, 0.3057 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 74.2474, 0.2704, 0.3057 by changing the saturation by 10% instead.


 74.2474, 0.2704,
0.3057

 74.2474, 0.2704,
0.3057


475.3268, 0.2896,
0.3167

 54.9966, 0.2661,
0.3032


 125.2465, 0.2770,
0.3095

 39.3990, 0.2608,
0.3000


157.7634, 0.2796,
0.3110

 27.0702, 0.2543,
0.2960


195.4713, 0.2818,
0.3123

 17.6260, 0.2458,
0.2907

238.7543, 0.2838,
0.3134

 10.6818, 0.2345,
0.2835

287.9970, 0.2855,
0.3144

 5.8533, 0.2188,
0.2730

343.5837, 0.2870,

 2.7561, 0.1956,

0.3152

0.2566

405.8989, 0.2884,
0.3160

■ 1.0058, 0.1566,
0.2285

■ 0.0000, 0.0000,
0.0000

■ 74.2474, 0.2704,
0.3057

■ 74.2474, 0.2704,
0.3057

■ 67.2344, 0.2556,
0.2957

■ 82.0074, 0.2857,
0.3149

■ 60.9276, 0.2417,
0.2851

■ 90.5352, 0.3013,
0.3233

■ 55.2953, 0.2291,
0.2739

■ 99.1719, 0.3145,
0.3309

■ 50.2992, 0.2181,
0.2624

■ 99.8076, 0.3145,
0.3319

■ 45.8961, 0.2090,
0.2507

■ 42.0356, 0.2019,
0.2390

■ 38.6527, 0.1969,
0.2275

■ 37.8192, 0.1957,
0.2245

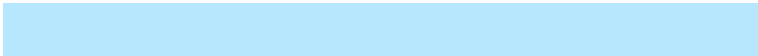
Harmonies

Analogous

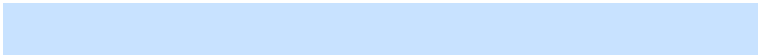
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2474, 0.2750, 0.3243



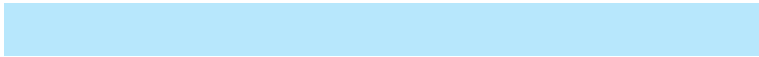
74.2474, 0.2704, 0.3057



74.2474, 0.2766, 0.2943

Triad

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



74.2474, 0.2704, 0.3057



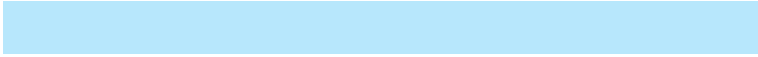
74.2474, 0.3359, 0.3133



74.2474, 0.3324, 0.3685

Complementary

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



74.2474, 0.2704, 0.3057



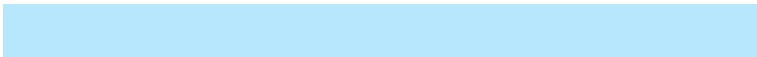
67.2932, 0.3667, 0.3511

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.



74.2474, 0.3496, 0.3638



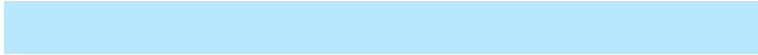
74.2474, 0.2704, 0.3057



74.2474, 0.3519, 0.3317

Square

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



74.2474, 0.2704, 0.3057



74.2474, 0.3139, 0.2991



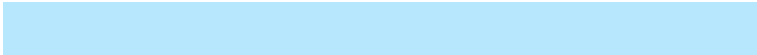
74.2474, 0.3569, 0.3501



74.2474, 0.3103, 0.3617

Rectangle

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



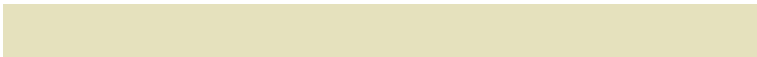
74.2474, 0.2704, 0.3057



74.2474, 0.2862, 0.2918



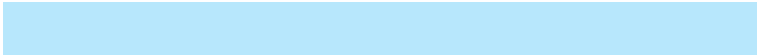
74.2474, 0.3569, 0.3501



74.2474, 0.3390, 0.3681

Sweetspot

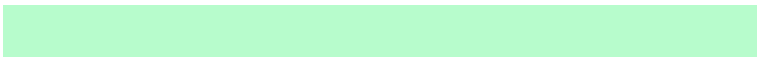
The Sweet Spot groups the original color and five complimentary colors.



74.2504, 0.2704, 0.3057



92.4386, 0.3003, 0.3228



84.0275, 0.2978, 0.3838



19.4939, 0.2980, 0.3216



0.0000, 0.0000, 0.0000



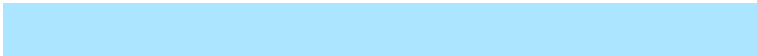
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2504, 0.2704, 0.3057



72.1228, 0.2620, 0.3002



56.9381, 0.2664, 0.2660



18.6651, 0.2980, 0.3216



19.9744, 0.1963, 0.2265



2.0367, 0.2001, 0.2402

Inverse Universe

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



60.3324, 0.3321, 0.2802



56.0088, 0.3372, 0.2699



85.3740, 0.3576, 0.3849



17.4294, 0.3185, 0.3126



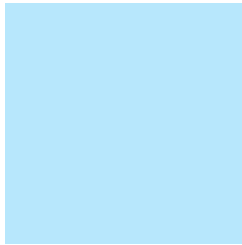
12.4273, 0.4163, 0.2067



1.1698, 0.4021, 0.1989

Previews

White Background



This preview shows how the Yxy color 74.2474, 0.2704, 0.3057 looks on a white background.

Color Contrast Check

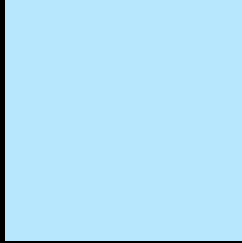
Large Text (above 18pt) WCAG AA × Fail

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 74.2474, 0.2704, 0.3057 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 74.2474, 0.2704, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 74.2474, 0.2704, 0.3057.

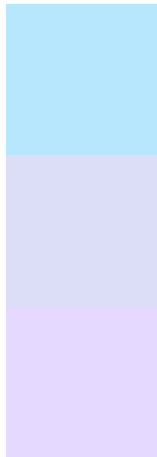


This preview shows how white text looks on a background with the Yxy color 74.2474, 0.2704, 0.3057.

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

74.2474, 0.2704, 0.3057

Protanopia

73.5824, 0.2961, 0.3026

Deuteranopia

73.6687, 0.2972, 0.2900



Tritanopia

74.1212, 0.2714, 0.3078

Trichromacy



Original Color

74.2474, 0.2704, 0.3057

Protanomaly

73.8931, 0.2865, 0.3042

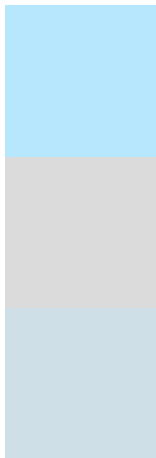
Deuteranomaly

73.5444, 0.2867, 0.2951

Tritanomaly

74.1841, 0.2709, 0.3068

Monochromacy



Original Color

74.2474, 0.2704, 0.3057

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.6667, 0.2960, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2474, 0.2704, 0.3057 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(183, 231, 252)` looks like.

```
.text, #text, p{  
    color:rgb(183, 231, 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(183, 231, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 231, 252) }
```

Border

The CSS property to change the border of an element to Yxy 74.2474, 0.2704, 0.3057 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(183, 231, 252) }
```

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

```
.border{ border-color:rgb(183, 231, 252) }
```

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

Here you see how a box with a 4 pixel rgb(183, 231, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 231, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 231, 252);  
box-shadow:4px 4px 4px 4px rgb(183, 231,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2474, 0.2704, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 231, 252) }
```

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

```
.background{ background-color: rgb(183,  
231, 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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