

Converting Colors

$Yxy(74.1680, 0.2703, 0.3099)$

Have a look what the booklet for
Yxy(74.1680, 0.2703, 0.3099)
contains.

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Color

Yxy(74.2561, 0.2704, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	B4E8F9
RGB	180, 232, 249
RGB Percent	71%, 91%, 98%
CMY	0.2939, 0.0902, 0.0234
CMYK	0.28, 0.07, 0.00, 0.02
HSL	195°, 85%, 84%
HSV	195°, 28%, 98%
XYZ	64.7914, 74.2561, 100.5656
YIQ	218.3900, -36.4490, -5.7370

Conversions

Conversions Part 2

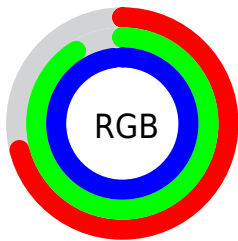
Format	Color
R _Y B	180, 210, 249
Decimal	11856121
CIE Lab	89.04, -12.73, -13.66
CIE LCh	89, 18.673, 227.026
Yxy	74.2561, 0.2704, 0.3099
Android (android.graphics.Color)	4290046201 (0xFFB4E8F9)
YUV	218.3900, 15.0907, -33.6680
Hunter-Lab	86.1720, -16.5896, -8.8731

Details

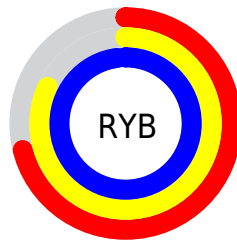
The Yxy color **74.2561, 0.2704, 0.3099** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.4222, 0.3686, 0.3473**, and the grayscale version is **70.3170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **39.2609, 0.2603, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **68.1289, 0.2561, 0.3019**, and if you desaturate by 10%, it is **81.0475, 0.2854, 0.3174**.

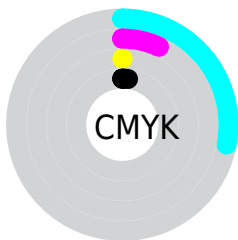
Distribution



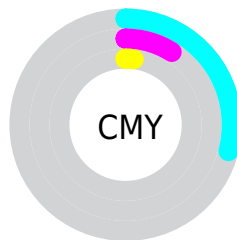
- Red (71%)
- Green (91%)
- Blue (98%)



- Red (71%)
- Yellow (82%)
- Blue (98%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (29%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2561, 0.2704, 0.3099 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 74.2561, 0.2704, 0.3099 by changing the saturation by 10% instead.

■ 74.2561, 0.2704,
0.3099

■ 74.2561, 0.2704,
0.3099

475.3568, 0.2896,
0.3190

■ 55.0037, 0.2661,
0.3078

■ 125.2588, 0.2770,
0.3131

■ 39.4047, 0.2608,
0.3051

157.7778, 0.2796,
0.3143

■ 27.0747, 0.2543,
0.3017

195.4879, 0.2818,
0.3154

■ 17.6293, 0.2458,
0.2973

238.7733, 0.2838,
0.3163

■ 10.6842, 0.2345,
0.2911

288.0185, 0.2855,
0.3171

■ 5.8549, 0.2187,
0.2820

343.6079, 0.2870,

■ 2.7570, 0.1953,

0.3178

0.2676

405.9259, 0.2884,
0.3184

1.0062, 0.1545,
0.2427

0.0000, 0.0000,
0.0000

74.2561, 0.2704,
0.3099

74.2561, 0.2704,
0.3099

68.1289, 0.2561,
0.3019

81.0475, 0.2854,
0.3174

62.6271, 0.2429,
0.2933

88.5221, 0.3008,
0.3242

57.7209, 0.2311,
0.2844

96.7088, 0.3163,
0.3304

53.3742, 0.2210,
0.2752

99.6216, 0.3162,
0.3347

■ 49.5459, 0.2128,
0.2659

■ 46.1881, 0.2066,
0.2566

■ 43.2370, 0.2023,
0.2475

■ 42.5935, 0.2015,
0.2454

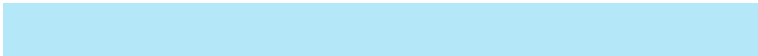
Harmonies

Analogous

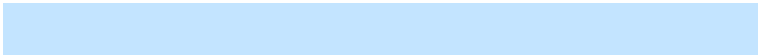
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2561, 0.2778, 0.3297



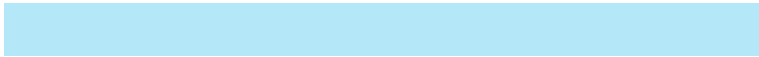
74.2561, 0.2704, 0.3099



74.2561, 0.2738, 0.2963

Triad

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



74.2561, 0.2704, 0.3099



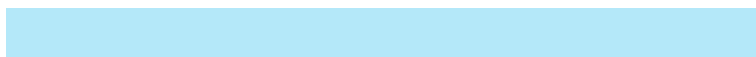
74.2561, 0.3306, 0.3090



74.2561, 0.3377, 0.3685

Complementary

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



74.2561, 0.2704, 0.3099



63.4222, 0.3686, 0.3473

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.



74.2561, 0.3528, 0.3611



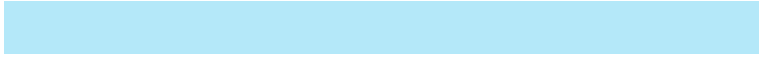
74.2561, 0.2704, 0.3099



74.2561, 0.3488, 0.3267

Square

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



74.2561, 0.2704, 0.3099



74.2561, 0.3080, 0.2964



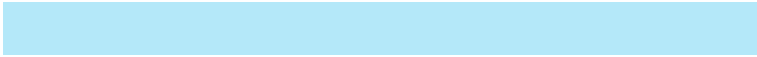
74.2561, 0.3570, 0.3456



74.2561, 0.3162, 0.3647

Rectangle

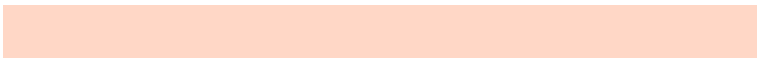
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2561, 0.2704, 0.3099



74.2561, 0.2819, 0.2921



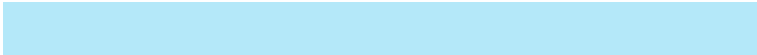
74.2561, 0.3570, 0.3456



74.2561, 0.3437, 0.3671

Sweetspot

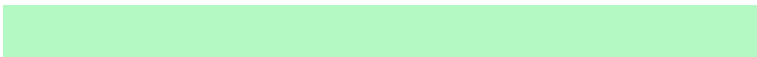
The Sweet Spot groups the original color and five complimentary colors.



74.2591, 0.2704, 0.3099



93.1600, 0.3003, 0.3240



81.4742, 0.3001, 0.3900



19.6764, 0.2980, 0.3230



0.0000, 0.0000, 0.0000



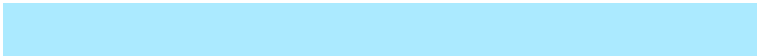
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2591, 0.2704, 0.3099



74.8246, 0.2627, 0.3057



57.1470, 0.2664, 0.2707



18.8394, 0.2980, 0.3230



23.0288, 0.2019, 0.2468



2.2991, 0.2050, 0.2578

Inverse Universe

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



58.6376, 0.3292, 0.2758



56.2816, 0.3332, 0.2654



80.3935, 0.3594, 0.3811



17.4470, 0.3176, 0.3113



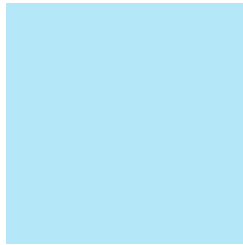
12.7357, 0.3954, 0.1952



1.1963, 0.3845, 0.1892

Previews

White Background



This preview shows how the Yxy color 74.2561, 0.2704, 0.3099 looks on a white background.

Color Contrast Check

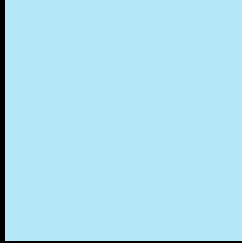
Large Text (above 18pt) WCAG AA × Fail

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 74.2561, 0.2704, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

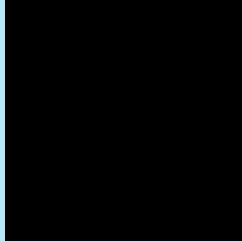
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2561, 0.2704, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 74.2561, 0.2704, 0.3099.

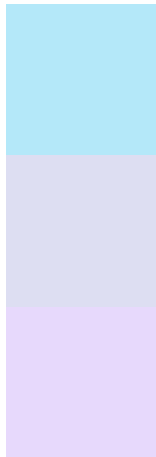


This preview shows how white text looks on a background with the Yxy color 74.2561, 0.2704, 0.3099.

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

74.2561, 0.2704, 0.3099

Protanopia

74.0255, 0.2992, 0.3078

Deuteranopia

73.6429, 0.2998, 0.2930



Tritanopia

74.3187, 0.2699, 0.3089

Trichromacy



Original Color

74.2561, 0.2704, 0.3099

Protanomaly

74.1071, 0.2877, 0.3084

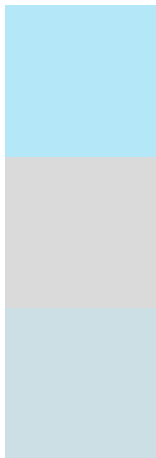
Deuteranomaly

73.2046, 0.2879, 0.2981

Tritanomaly

74.3187, 0.2699, 0.3089

Monochromacy



Original Color

74.2561, 0.2704, 0.3099

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.2699, 0.2959, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2561, 0.2704, 0.3099 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(180, 232, 249)` looks like.

```
.text, #text, p{  
    color:rgb(180, 232, 249)  
}
```

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(180, 232, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 232, 249) }
```

Border

The CSS property to change the border of an element to Yxy 74.2561, 0.2704, 0.3099 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(180, 232, 249) }
```

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

```
.border{ border-color:rgb(180, 232, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 232, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 232, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 232, 249);  
box-shadow:4px 4px 4px 4px rgb(180, 232,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2561, 0.2704, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 232, 249) }
```

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

```
.background{ background-color: rgb(180,  
232, 249) }
```

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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