

Converting Colors

$Yxy(73.8145, 0.2719, 0.3046)$

Have a look what the booklet for
Yxy(73.8145, 0.2719, 0.3046)
contains.

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Color

Yxy(74.0610, 0.2720, 0.3047)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BAE6FC |
| RGB | 186, 230, 252 |
| RGB Percent | 73%, 90%, 99% |
| CMY | 0.2706, 0.0980, 0.0118 |
| CMYK | 0.26, 0.09, 0.00, 0.01 |
| HSL | 200°, 92%, 86% |
| HSV | 200°, 26%, 99% |
| XYZ | 66.1129, 74.0610, 102.8882 |
| YIQ | 219.3520, -33.2860, -2.4860 |

Conversions

Conversions Part 2

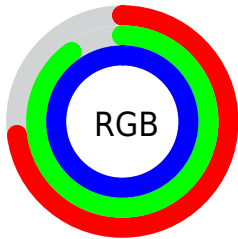
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 186, 212, 252 |
| Decimal | 12248828 |
| CIE Lab | 88.95, -9.36, -15.31 |
| CIE LCh | 89, 17.944, 238.558 |
| Yxy | 74.0610, 0.2720, 0.3047 |
| Android (android.graphics.Color) | 4290438908 (0xFFBAE6FC) |
| YUV | 219.3520, 16.0955, -29.2497 |
| Hunter-Lab | 86.0587, -13.4737, -10.6435 |

Details

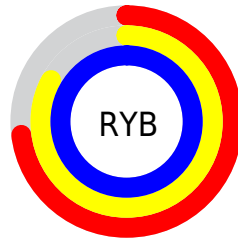
The Yxy color **74.0610, 0.2720, 0.3047** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.3314, 0.3633, 0.3520**, and the grayscale version is **70.9992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **39.4254, 0.2629, 0.3001** is the 20% darker color. If you saturate the color by 10%, you get **66.6232, 0.2569, 0.2938**, and if you desaturate by 10%, it is **82.2860, 0.2875, 0.3147**.

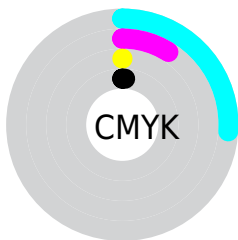
Distribution



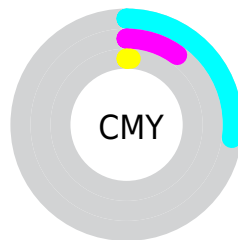
- Red (73%)
- Green (90%)
- Blue (99%)



- Red (73%)
- Yellow (83%)
- Blue (99%)



- Cyan (26%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (27%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0610, 0.2720, 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 74.0610, 0.2720, 0.3047 by changing the saturation by 10% instead.

■ 74.0610, 0.2720,
0.3047

■ 74.0610, 0.2720,
0.3047

■ 474.6839, 0.2905,
0.3161

■ 54.8440, 0.2679,
0.3021

■ 124.9823, 0.2784,
0.3087

■ 39.2768, 0.2628,
0.2988

■ 157.4553, 0.2808,
0.3102

■ 26.9751, 0.2564,
0.2947

■ 195.1158, 0.2830,
0.3115

■ 17.5545, 0.2482,
0.2892

■ 238.3481, 0.2849,
0.3127

■ 10.6307, 0.2373,
0.2818

■ 287.5367, 0.2865,
0.3137

■ 5.8191, 0.2221,
0.2711

■ 343.0659, 0.2880,

■ 2.7354, 0.1994,

0.3146

0.2544

405.3202, 0.2893,
0.3154

0.9952, 0.1618,
0.2257

0.0000, 0.0000,
0.0000

74.0610, 0.2720,
0.3047

74.0610, 0.2720,
0.3047

66.6232, 0.2569,
0.2938

82.2860, 0.2875,
0.3147

59.9313, 0.2425,
0.2822

91.3193, 0.3031,
0.3238

53.9532, 0.2294,
0.2699

99.8070, 0.3145,
0.3319

48.6503, 0.2177,
0.2572

■ 43.9792, 0.2079,
0.2443

■ 39.8897, 0.2002,
0.2314

■ 36.3201, 0.1946,
0.2188

■ 35.0615, 0.1928,
0.2140

Harmonies

Analogous

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



74.0610, 0.2752, 0.3220



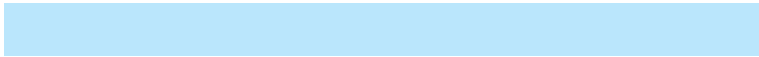
74.0610, 0.2720, 0.3047



74.0610, 0.2793, 0.2947

Triad

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



74.0610, 0.2720, 0.3047



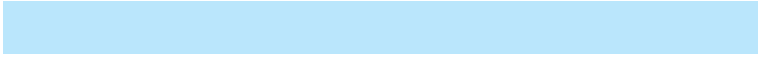
74.0610, 0.3375, 0.3159



74.0610, 0.3292, 0.3669

Complementary

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



74.0610, 0.2720, 0.3047



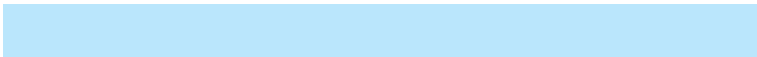
69.3314, 0.3633, 0.3520

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.



74.0610, 0.3467, 0.3637



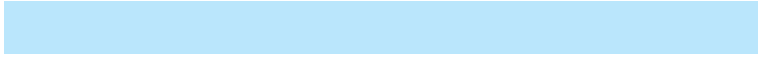
74.0610, 0.2720, 0.3047



74.0610, 0.3517, 0.3339

Square

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



74.0610, 0.2720, 0.3047



74.0610, 0.3166, 0.3015



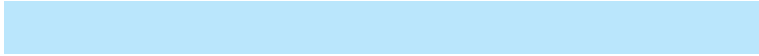
74.0610, 0.3551, 0.3514



74.0610, 0.3077, 0.3590

Rectangle

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



74.0610, 0.2720, 0.3047



74.0610, 0.2892, 0.2930



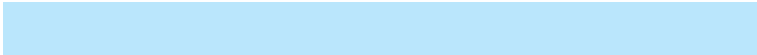
74.0610, 0.3551, 0.3514



74.0610, 0.3358, 0.3670

Sweetspot

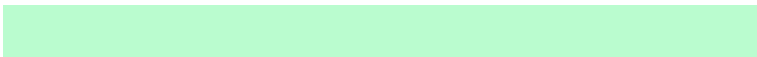
The Sweet Spot groups the original color and five complimentary colors.



74.0640, 0.2720, 0.3047



92.0766, 0.3003, 0.3222



84.5461, 0.2978, 0.3798



19.4025, 0.2980, 0.3209



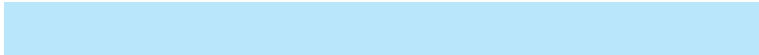
0.0000, 0.0000, 0.0000



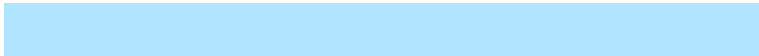
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0640, 0.2720, 0.3047



72.3054, 0.2646, 0.2996



57.8955, 0.2685, 0.2679



18.5777, 0.2980, 0.3209



18.5494, 0.1934, 0.2161



1.9127, 0.1976, 0.2312

Inverse Universe

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



61.5208, 0.3325, 0.2842



57.9303, 0.3372, 0.2757



86.4876, 0.3553, 0.3835



17.4205, 0.3189, 0.3133



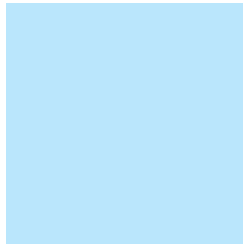
12.2835, 0.4274, 0.2128



1.1573, 0.4114, 0.2040

Previews

White Background



This preview shows how the Yxy color 74.0610, 0.2720, 0.3047 looks on a white background.

Color Contrast Check

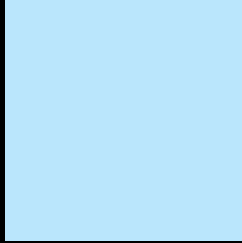
Large Text (above 18pt) WCAG AA × Fail

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 74.0610, 0.2720, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

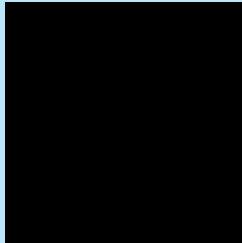
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

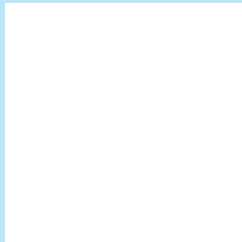
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0610, 0.2720, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 74.0610, 0.2720, 0.3047.

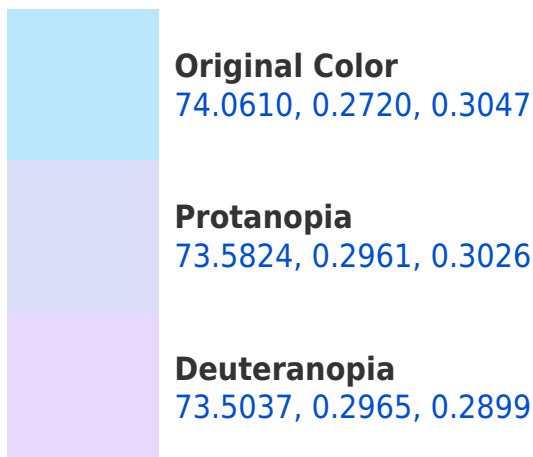


This preview shows how white text looks on a background with the Yxy color 74.0610, 0.2720, 0.3047.

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

74.3057, 0.2731, 0.3090

Trichromacy



Original Color

74.0610, 0.2720, 0.3047

Protanomaly

73.4985, 0.2871, 0.3032

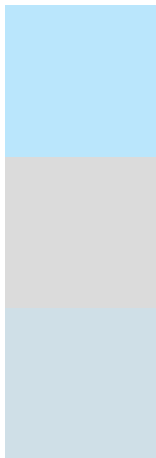
Deuteranomaly

73.5444, 0.2867, 0.2951

Tritanomaly

74.3682, 0.2726, 0.3079

Monochromacy



Original Color

74.0610, 0.2720, 0.3047

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.8103, 0.2967, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0610, 0.2720, 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(186, 230, 252)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 230, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 230, 252) }
```

Border

The CSS property to change the border of an element to Yxy 74.0610, 0.2720, 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(186, 230, 252) }
```

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

```
.border{ border-color:rgb(186, 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(186, 230, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 230, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 230, 252);  
box-shadow:4px 4px 4px 4px rgb(186, 230,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0610, 0.2720, 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(186, 230, 252) }
```

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

```
.background{ background-color: rgb(186,  
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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