

Converting Colors

$Yxy(74.0587, 0.2720, 0.3089)$

Have a look what the booklet for
Yxy(74.0587, 0.2720, 0.3089)
contains.

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Color

Yxy(74.0587, 0.2720, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	B7E7F9
RGB	183, 231, 249
RGB Percent	72%, 91%, 98%
CMY	0.2821, 0.0941, 0.0235
CMYK	0.26, 0.07, 0.00, 0.02
HSL	196°, 85%, 85%
HSV	196°, 26%, 98%
XYZ	65.2119, 74.0587, 100.4791
YIQ	218.7000, -34.3860, -4.5780

Conversions

Conversions Part 2

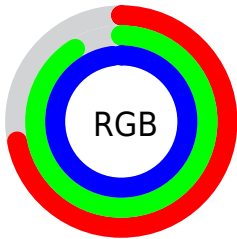
Format	Color
R _Y B	183, 211, 249
Decimal	12052473
CIE Lab	88.95, -11.38, -13.77
CIE LCh	89, 17.860, 230.430
Yxy	74.0587, 0.2720, 0.3089
Android (android.graphics.Color)	4290242553 (0xFFB7E7F9)
YUV	218.7000, 14.9379, -31.3089
Hunter-Lab	86.0574, -15.3379, -8.9858

Details

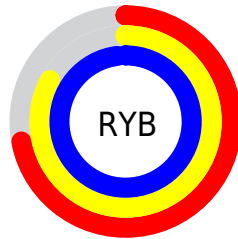
The Yxy color **74.0587, 0.2720, 0.3089** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.3620, 0.3650, 0.3482**, and the grayscale version is **70.5405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **39.0994, 0.2621, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **67.5403, 0.2574, 0.3001**, and if you desaturate by 10%, it is **81.2710, 0.2872, 0.3171**.

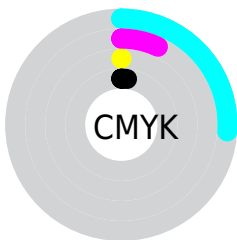
Distribution



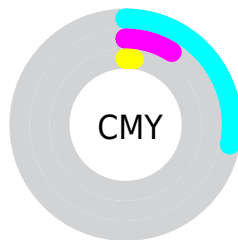
- Red (72%)
- Green (91%)
- Blue (98%)



- Red (72%)
- Yellow (83%)
- Blue (98%)



- Cyan (26%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (28%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0587, 0.2720, 0.3089 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 74.0587, 0.2720, 0.3089 by changing the saturation by 10% instead.

■ 74.0587, 0.2720,
0.3089

■ 74.0587, 0.2720,
0.3089

474.6759, 0.2905,
0.3184

■ 54.8421, 0.2679,
0.3067

■ 124.9790, 0.2784,
0.3122

■ 39.2753, 0.2628,
0.3039

157.4515, 0.2808,
0.3135

■ 26.9740, 0.2564,
0.3004

195.1114, 0.2830,
0.3146

■ 17.5537, 0.2482,
0.2958

238.3431, 0.2849,
0.3156

■ 10.6300, 0.2373,
0.2894

287.5310, 0.2865,
0.3164

■ 5.8186, 0.2220,
0.2800

343.0595, 0.2880,

■ 2.7351, 0.1992,

0.3172

0.2653

405.3130, 0.2893,
0.3178

0.9951, 0.1600,
0.2397

0.0000, 0.0000,
0.0000

74.0587, 0.2720,
0.3089

74.0587, 0.2720,
0.3089

67.5403, 0.2574,
0.3001

81.2710, 0.2872,
0.3171

61.6769, 0.2438,
0.2906

89.1963, 0.3027,
0.3245

56.4386, 0.2314,
0.2808

97.3379, 0.3164,
0.3313

51.7892, 0.2207,
0.2705

99.6196, 0.3162,
0.3347

■ 47.6881, 0.2119,
0.2601

■ 44.0878, 0.2051,
0.2498

■ 40.9291, 0.2003,
0.2395

■ 39.8922, 0.1989,
0.2360

Harmonies

Analogous

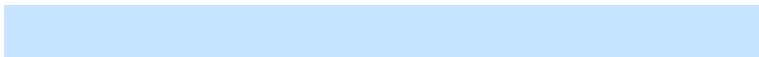
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0587, 0.2779, 0.3274



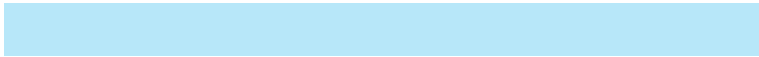
74.0587, 0.2720, 0.3089



74.0587, 0.2765, 0.2967

Triad

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



74.0587, 0.2720, 0.3089



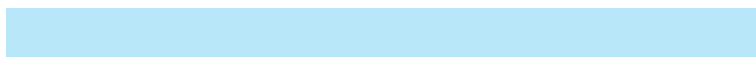
74.0587, 0.3321, 0.3116



74.0587, 0.3345, 0.3669

Complementary

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



74.0587, 0.2720, 0.3089



65.3620, 0.3650, 0.3482

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.



74.0587, 0.3499, 0.3610



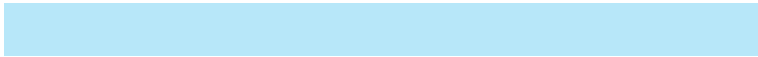
74.0587, 0.2720, 0.3089



74.0587, 0.3487, 0.3289

Square

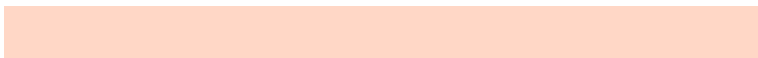
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0587, 0.2720, 0.3089



74.0587, 0.3107, 0.2987



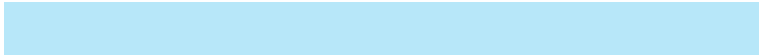
74.0587, 0.3552, 0.3469



74.0587, 0.3136, 0.3620

Rectangle

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



74.0587, 0.2720, 0.3089



74.0587, 0.2849, 0.2934



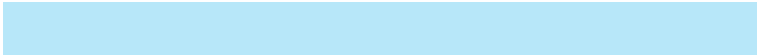
74.0587, 0.3552, 0.3469



74.0587, 0.3405, 0.3661

Sweetspot

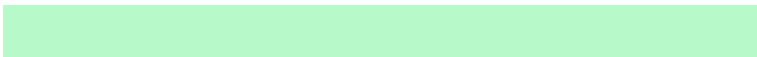
The Sweet Spot groups the original color and five complimentary colors.



74.0617, 0.2720, 0.3089



92.8316, 0.3003, 0.3235



82.0253, 0.2995, 0.3843



19.5933, 0.2980, 0.3224



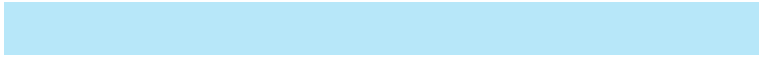
0.0000, 0.0000, 0.0000



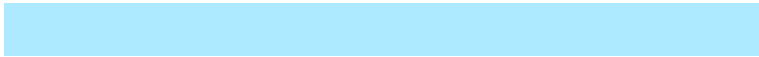
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0617, 0.2720, 0.3089



74.2691, 0.2638, 0.3041



57.5034, 0.2684, 0.2710



18.7600, 0.2980, 0.3224



21.6027, 0.1993, 0.2376



2.1771, 0.2027, 0.2498

Inverse Universe

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



59.7979, 0.3297, 0.2799



57.1680, 0.3341, 0.2693



82.1861, 0.3566, 0.3809



17.4389, 0.3180, 0.3119



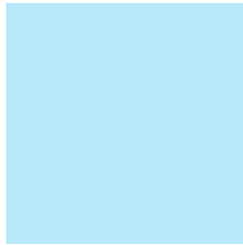
12.5917, 0.4047, 0.2003



1.1840, 0.3924, 0.1935

Previews

White Background



This preview shows how the Yxy color 74.0587, 0.2720, 0.3089 looks on a white background.

Color Contrast Check

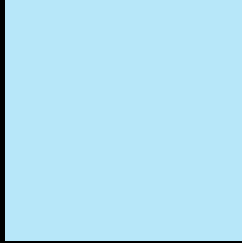
Large Text (above 18pt) WCAG AA × Fail

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 74.0587, 0.2720, 0.3089 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 74.0587, 0.2720, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 74.0587, 0.2720, 0.3089.

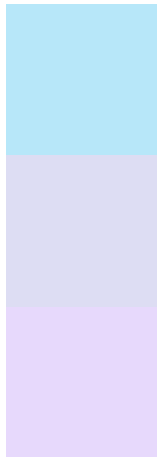


This preview shows how white text looks on a background with the Yxy color 74.0587, 0.2720, 0.3089.

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

74.0587, 0.2720, 0.3089

Protanopia

73.5561, 0.2986, 0.3057

Deuteranopia

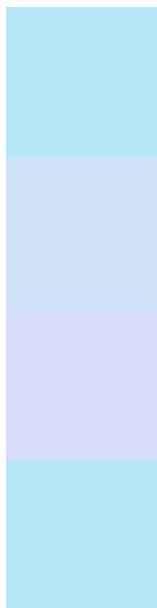
73.6429, 0.2998, 0.2930



Tritanopia

74.0587, 0.2720, 0.3089

Trichromacy



Original Color

74.0587, 0.2720, 0.3089

Protanomaly

73.7084, 0.2883, 0.3074

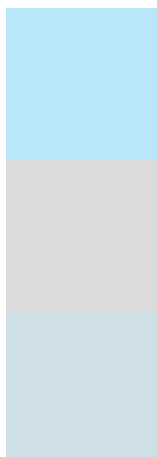
Deuteranomaly

73.5037, 0.2891, 0.2982

Tritanomaly

74.0587, 0.2720, 0.3089

Monochromacy



Original Color

74.0587, 0.2720, 0.3089

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.6103, 0.2966, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0587, 0.2720, 0.3089 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(183, 231, 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(183, 231, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 231, 249) }
```

Border

The CSS property to change the border of an element to Yxy 74.0587, 0.2720, 0.3089 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, 249) }
```

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

```
.border{ border-color:rgb(183, 231, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 231, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 231, 249);  
box-shadow:4px 4px 4px 4px rgb(183, 231,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0587, 0.2720, 0.3089 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, 249) }
```

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

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