

Converting Colors

$Yxy(71.1001, 0.2713, 0.2944)$

Have a look what the booklet for
Yxy(71.1001, 0.2713, 0.2944)
contains.

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Color

Yxy(71.3501, 0.2715, 0.2949)

Conversions

Conversions Part 1

Format	Color
Hex	BDE0FF
RGB	189, 224, 255
RGB Percent	74%, 88%, 100%
CMY	0.2589, 0.1215, 0.0000
CMYK	0.26, 0.12, 0.00, 0.00
HSL	208°, 100%, 87%
HSV	208°, 26%, 100%
XYZ	65.6885, 71.3501, 104.9081
YIQ	217.0690, -30.8110, 2.2210

Conversions

Conversions Part 2

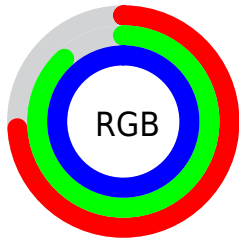
Format	Color
R _Y B	189, 212, 255
Decimal	12443903
CIE Lab	87.65, -4.72, -18.82
CIE LCh	88, 19.404, 255.915
Yxy	71.3501, 0.2715, 0.2949
Android (android.graphics.Color)	4290633983 (0xFFBDE0FF)
YUV	217.0690, 18.7000, -24.6165
Hunter-Lab	84.4690, -9.0076, -14.5082

Details

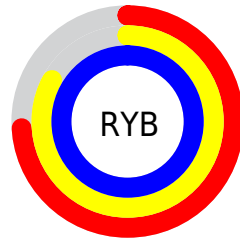
The Yxy color **71.3501, 0.2715, 0.2949** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.1051, 0.3603, 0.3608**, and the grayscale version is **69.3234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **37.5215, 0.2620, 0.2873** is the 20% darker color. If you saturate the color by 10%, you get **62.1640, 0.2552, 0.2793**, and if you desaturate by 10%, it is **81.5682, 0.2877, 0.3092**.

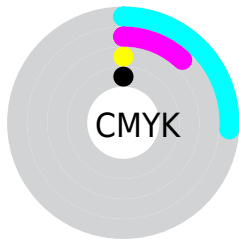
Distribution



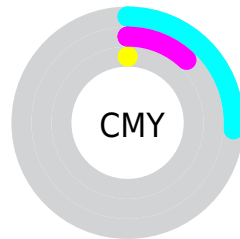
- Red (74%)
- Green (88%)
- Blue (100%)



- Red (74%)
- Yellow (83%)
- Blue (100%)



- Cyan (26%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3501, 0.2715, 0.2949 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 71.3501, 0.2715, 0.2949 by changing the saturation by 10% instead.

■ 71.3501, 0.2715,
0.2949

■ 71.3501, 0.2715,
0.2949

■ 465.2764, 0.2904,
0.3108

■ 52.6280, 0.2672,
0.2913

■ 121.1321, 0.2780,
0.3004

■ 37.5058, 0.2620,
0.2868

■ 152.9607, 0.2805,
0.3025

■ 25.5994, 0.2555,
0.2811

■ 189.9270, 0.2827,
0.3044

■ 16.5242, 0.2470,
0.2738

■ 232.4153, 0.2847,
0.3060

■ 9.8958, 0.2357,
0.2638

■ 280.8099, 0.2863,
0.3074

■ 5.3299, 0.2198,
0.2495

■ 335.4954, 0.2878,

■ 2.4421, 0.1961,

0.3086

0.2278

396.8561, 0.2892,
0.3098

0.8474, 0.1562,
0.1917

0.0000, 0.0000,
0.0000

71.3501, 0.2715,
0.2949

71.3501, 0.2715,
0.2949

62.1640, 0.2552,
0.2793

81.5682, 0.2877,
0.3092

53.9620, 0.2393,
0.2625

92.8464, 0.3036,
0.3221

46.7047, 0.2242,
0.2447

99.9994, 0.3127,
0.3290

40.3459, 0.2105,
0.2263

■ 34.8343, 0.1986,
0.2077

■ 30.1114, 0.1889,
0.1894

■ 26.1065, 0.1817,
0.1719

■ 24.6275, 0.1792,
0.1649

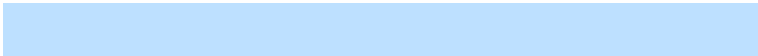
Harmonies

Analogous

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



71.3501, 0.2683, 0.3095



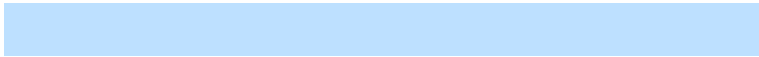
71.3501, 0.2715, 0.2949



71.3501, 0.2853, 0.2897

Triad

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



71.3501, 0.2715, 0.2949



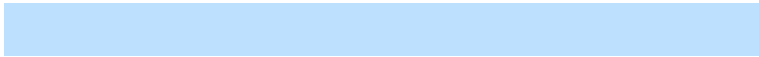
71.3501, 0.3501, 0.3258



71.3501, 0.3172, 0.3670

Complementary

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



71.3501, 0.2715, 0.2949



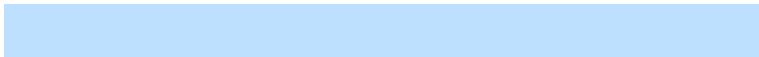
76.1051, 0.3603, 0.3608

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.



71.3501, 0.3397, 0.3705



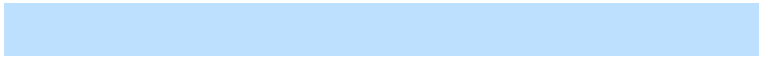
71.3501, 0.2715, 0.2949



71.3501, 0.3593, 0.3457

Square

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



71.3501, 0.2715, 0.2949



71.3501, 0.3307, 0.3074



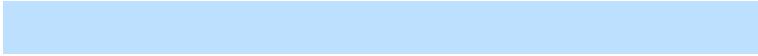
71.3501, 0.3553, 0.3622



71.3501, 0.2941, 0.3521

Rectangle

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



71.3501, 0.2715, 0.2949



71.3501, 0.2991, 0.2918



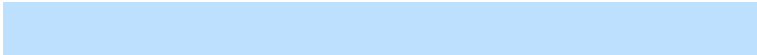
71.3501, 0.3553, 0.3622



71.3501, 0.3251, 0.3696

Sweetspot

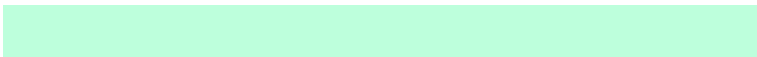
The Sweet Spot groups the original color and five complimentary colors.



71.3530, 0.2715, 0.2949



90.3754, 0.3003, 0.3195



87.4879, 0.2927, 0.3677



18.9734, 0.2979, 0.3176



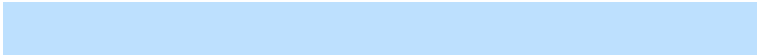
0.0000, 0.0000, 0.0000



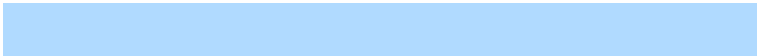
21.4041, 0.3127, 0.3290

Same Dimension

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



71.3530, 0.2715, 0.2949



66.5303, 0.2632, 0.2871



55.3829, 0.2680, 0.2572



18.9734, 0.2979, 0.3176



13.1713, 0.1799, 0.1677



1.5013, 0.1854, 0.1874

Inverse Universe

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



63.0325, 0.3394, 0.2935



57.3473, 0.3463, 0.2862



95.0502, 0.3525, 0.3919



18.1482, 0.3211, 0.3165



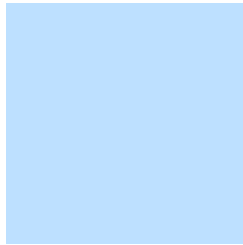
12.0576, 0.4835, 0.2437



1.1961, 0.4598, 0.2307

Previews

White Background



This preview shows how the Yxy color 71.3501, 0.2715, 0.2949 looks on a white background.

Color Contrast Check

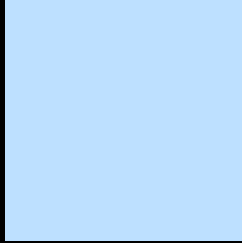
Large Text (above 18pt) WCAG AA × Fail

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 71.3501, 0.2715, 0.2949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

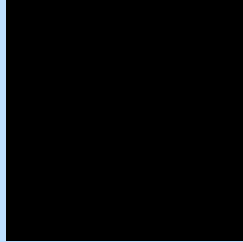
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

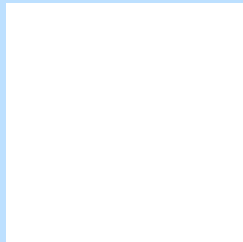
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3501, 0.2715, 0.2949

Background



This preview shows how black text looks on a background with the Yxy color 71.3501, 0.2715, 0.2949.

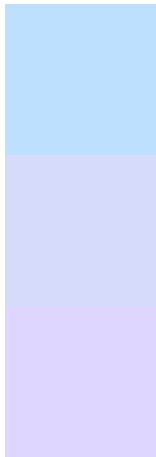


This preview shows how white text looks on a background with the Yxy color 71.3501, 0.2715, 0.2949.

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

71.3501, 0.2715, 0.2949

Protanopia

71.4040, 0.2890, 0.2939

Deuteranopia

70.8427, 0.2918, 0.2862



Tritanopia

71.4892, 0.2765, 0.3088

Trichromacy



Original Color

71.3501, 0.2715, 0.2949

Protanomaly

71.1938, 0.2827, 0.2945

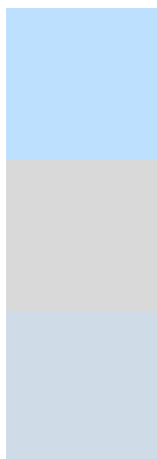
Deuteranomaly

71.0644, 0.2840, 0.2896

Tritanomaly

71.3191, 0.2748, 0.3034

Monochromacy



Original Color

71.3501, 0.2715, 0.2949

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.2213, 0.2966, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3501, 0.2715, 0.2949 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, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 224, 255)  
}
```

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, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 224, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.3501, 0.2715, 0.2949 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, 224, 255) }
```

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

```
.border{ border-color:rgb(189, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 224,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3501, 0.2715, 0.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 224, 255) }
```

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

```
.background{ background-color: rgb(189,  
224, 255) }
```

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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