

Converting Colors

$Yxy(75.9960, 0.2708, 0.3049)$

Have a look what the booklet for
Yxy(75.9960, 0.2708, 0.3049)
contains.

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Color

Yxy(75.9369, 0.2707, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	BAE9FF
RGB	186, 233, 255
RGB Percent	73%, 91%, 100%
CMY	0.2710, 0.0862, 0.0001
CMYK	0.27, 0.09, 0.00, 0.00
HSL	199°, 100%, 86%
HSV	199°, 27%, 100%
XYZ	67.4192, 75.9369, 105.6990
YIQ	221.4550, -35.0740, -3.1220

Conversions

Conversions Part 2

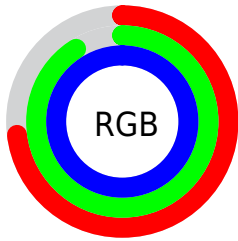
Format	Color
R _Y B	186, 214, 255
Decimal	12249599
CIE Lab	89.83, -10.25, -15.57
CIE LCh	90, 18.637, 236.637
Yxy	75.9369, 0.2707, 0.3049
Android (android.graphics.Color)	4290439679 (0xFFBAE9FF)
YUV	221.4550, 16.5377, -31.0940
Hunter-Lab	87.1418, -14.3975, -10.9168

Details

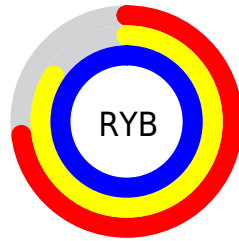
The Yxy color **75.9369, 0.2707, 0.3049** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.8448, 0.3658, 0.3518**, and the grayscale version is **72.5322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **40.3468, 0.2613, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **68.5431, 0.2558, 0.2945**, and if you desaturate by 10%, it is **84.1173, 0.2861, 0.3145**.

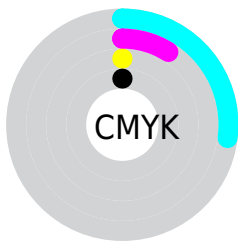
Distribution



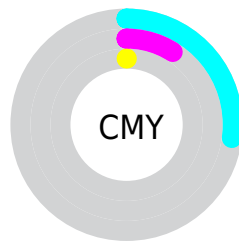
- Red (73%)
- Green (91%)
- Blue (100%)



- Red (73%)
- Yellow (84%)
- Blue (100%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)




- Cyan (27%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9369, 0.2707, 0.3049 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 75.9369, 0.2707, 0.3049 by changing the saturation by 10% instead.

 75.9369, 0.2707,
0.3049

 75.9369, 0.2707,
0.3049


481.1317, 0.2897,
0.3162

 56.3808, 0.2665,
0.3023


 127.6377, 0.2772,
0.3088

 40.5083, 0.2613,
0.2991

160.5512, 0.2798,
0.3104

 27.9351, 0.2548,
0.2950


198.6859, 0.2820,
0.3117

 18.2767, 0.2466,
0.2897

242.4262, 0.2839,
0.3128

 11.1488, 0.2355,
0.2824

292.1565, 0.2856,
0.3138

 6.1670, 0.2203,
0.2719

348.2613, 0.2871,

 2.9469, 0.1978,

0.3147

0.2557

411.1249, 0.2885,
0.3155

1.1041, 0.1619,
0.2280

0.0000, 0.0000,
0.0000

75.9369, 0.2707,
0.3049

75.9369, 0.2707,
0.3049

68.5431, 0.2558,
0.2945

84.1173, 0.2861,
0.3145

61.8937, 0.2417,
0.2833

93.1059, 0.3017,
0.3233

55.9558, 0.2288,
0.2716

99.9991, 0.3127,
0.3290

50.6896, 0.2175,
0.2595

■ 46.0505, 0.2082,
0.2472

■ 41.9864, 0.2009,
0.2350

■ 38.4313, 0.1956,
0.2229

■ 37.4650, 0.1943,
0.2195

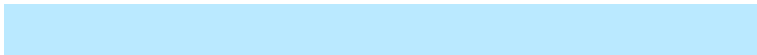
Harmonies

Analogous

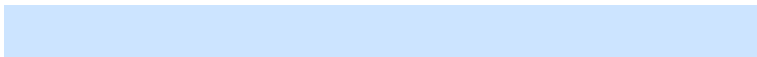
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9369, 0.2746, 0.3231



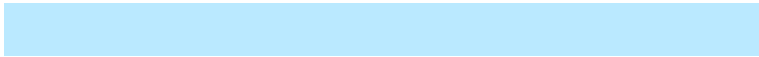
75.9369, 0.2707, 0.3049



75.9369, 0.2775, 0.2941

Triad

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



75.9369, 0.2707, 0.3049



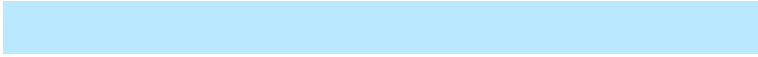
75.9369, 0.3370, 0.3145



75.9369, 0.3310, 0.3682

Complementary

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



75.9369, 0.2707, 0.3049



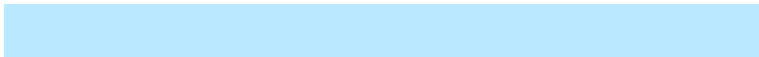
69.8448, 0.3658, 0.3518

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.



75.9369, 0.3486, 0.3642



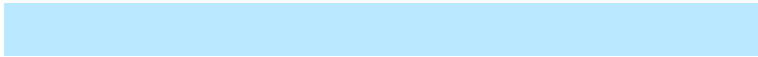
75.9369, 0.2707, 0.3049



75.9369, 0.3523, 0.3328

Square

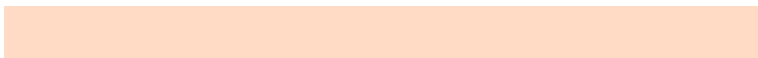
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



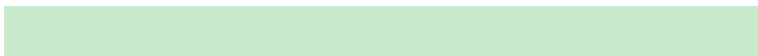
75.9369, 0.2707, 0.3049



75.9369, 0.3153, 0.2999



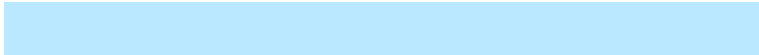
75.9369, 0.3566, 0.3510



75.9369, 0.3090, 0.3608

Rectangle

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



75.9369, 0.2707, 0.3049



75.9369, 0.2874, 0.2920



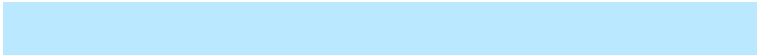
75.9369, 0.3566, 0.3510



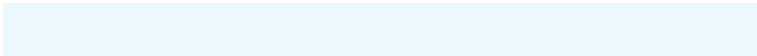
75.9369, 0.3377, 0.3681

Sweetspot

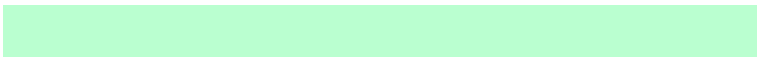
The Sweet Spot groups the original color and five complimentary colors.



75.9399, 0.2707, 0.3049



92.2663, 0.3003, 0.3225



86.4821, 0.2973, 0.3818



19.4504, 0.2980, 0.3213



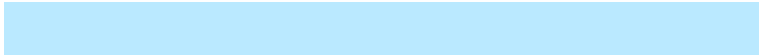
0.0000, 0.0000, 0.0000



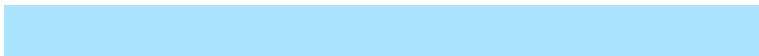
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9399, 0.2707, 0.3049



71.4859, 0.2618, 0.2988



58.2963, 0.2668, 0.2654



19.4504, 0.2980, 0.3213



19.8595, 0.1949, 0.2214



2.1306, 0.1987, 0.2352

Inverse Universe

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



62.2206, 0.3326, 0.2816



55.9446, 0.3381, 0.2710



88.4946, 0.3569, 0.3854



18.1963, 0.3187, 0.3129



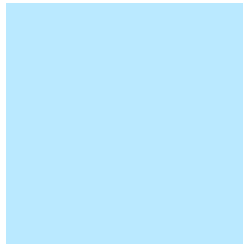
12.7328, 0.4217, 0.2097



1.2596, 0.4073, 0.2017

Previews

White Background



This preview shows how the Yxy color 75.9369, 0.2707, 0.3049 looks on a white background.

Color Contrast Check

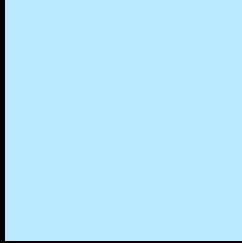
Large Text (above 18pt) WCAG AA × Fail

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 75.9369, 0.2707, 0.3049 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

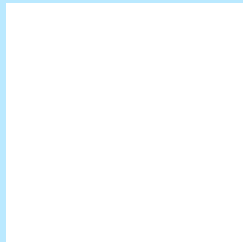
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9369, 0.2707, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 75.9369, 0.2707, 0.3049.



This preview shows how white text looks on a background with the Yxy color 75.9369, 0.2707, 0.3049.

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

75.9369, 0.2707, 0.3049

Protanopia

75.6805, 0.2956, 0.3028

Deuteranopia

75.3953, 0.2979, 0.2932



Tritanopia

75.6204, 0.2717, 0.3080

Trichromacy



Original Color

75.9369, 0.2707, 0.3049

Protanomaly

75.4585, 0.2862, 0.3034

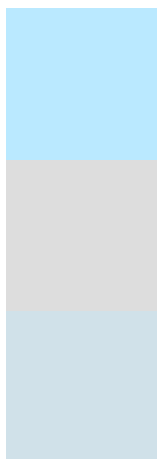
Deuteranomaly

75.5175, 0.2876, 0.2975

Tritanomaly

75.6840, 0.2712, 0.3069

Monochromacy



Original Color

75.9369, 0.2707, 0.3049

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.1435, 0.2961, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9369, 0.2707, 0.3049 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, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 233, 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(186, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 233, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.9369, 0.2707, 0.3049 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, 233, 255) }
```

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

```
.border{ border-color:rgb(186, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 233,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9369, 0.2707, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 233, 255) }
```

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

```
.background{ background-color: rgb(186,  
233, 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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