

Converting Colors

$Yxy(74.1029, 0.2784, 0.3050)$

Have a look what the booklet for
Yxy(74.1029, 0.2784, 0.3050)
contains.

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Color

Yxy(73.9910, 0.2782, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	C3E4FA
RGB	195, 228, 250
RGB Percent	76%, 89%, 98%
CMY	0.2351, 0.1059, 0.0196
CMYK	0.22, 0.09, 0.00, 0.02
HSL	204°, 85%, 87%
HSV	204°, 22%, 98%
XYZ	67.5116, 73.9910, 101.1704
YIQ	220.6410, -26.7300, -0.1540

Conversions

Conversions Part 2

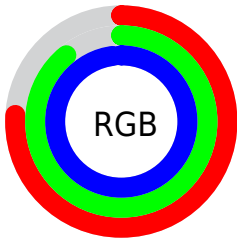
Format	Color
R _Y B	195, 216, 250
Decimal	12838138
CIE Lab	88.92, -6.12, -14.27
CIE LCh	89, 15.523, 246.800
Yxy	73.9910, 0.2782, 0.3049
Android (android.graphics.Color)	4291028218 (0xFFC3E4FA)
YUV	220.6410, 14.4740, -22.4872
Hunter-Lab	86.0180, -10.4350, -9.5215

Details

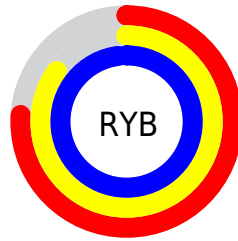
The Yxy color **73.9910, 0.2782, 0.3049** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.9177, 0.3528, 0.3519**, and the grayscale version is **71.9585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **39.3576, 0.2697, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **65.5876, 0.2624, 0.2921**, and if you desaturate by 10%, it is **83.2770, 0.2941, 0.3165**.

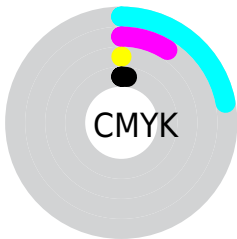
Distribution



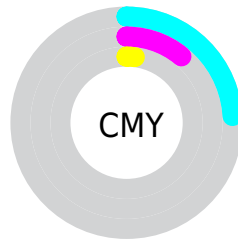
- Red (76%)
- Green (89%)
- Blue (98%)



- Red (76%)
- Yellow (85%)
- Blue (98%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9910, 0.2782, 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 73.9910, 0.2782, 0.3049 by changing the saturation by 10% instead.

73.9910, 0.2782,
0.3049

73.9910, 0.2782,
0.3049

474.4423, 0.2939,
0.3161

54.7867, 0.2747,
0.3023

124.8831, 0.2836,
0.3088

39.2310, 0.2703,
0.2991

157.3396, 0.2857,
0.3103

26.9394, 0.2649,
0.2951

194.9823, 0.2876,
0.3116

17.5277, 0.2578,
0.2898

238.1955, 0.2892,
0.3128

10.6115, 0.2484,
0.2827

287.3638, 0.2906,
0.3137

5.8062, 0.2351,
0.2724

342.8714, 0.2918,

2.7276, 0.2152,

0.3146

0.2564

405.1028, 0.2929,
0.3154

0.9912, 0.1822,
0.2288

0.0000, 0.0000,
0.0000

73.9910, 0.2782,
0.3049

73.9910, 0.2782,
0.3049

65.5876, 0.2624,
0.2921

83.2770, 0.2941,
0.3165

58.0246, 0.2470,
0.2784

93.4675, 0.3097,
0.3270

51.2694, 0.2324,
0.2637

99.6826, 0.3156,
0.3338

45.2833, 0.2191,
0.2484

■ 40.0233, 0.2075,
0.2327

■ 35.4408, 0.1979,
0.2170

■ 31.4779, 0.1905,
0.2015

■ 28.6827, 0.1860,
0.1895

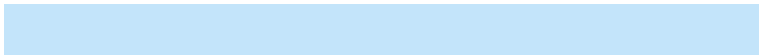
Harmonies

Analogous

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



73.9910, 0.2784, 0.3185



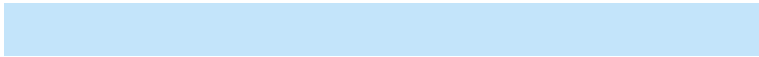
73.9910, 0.2782, 0.3049



73.9910, 0.2869, 0.2982

Triad

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



73.9910, 0.2782, 0.3049



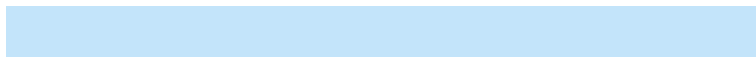
73.9910, 0.3383, 0.3219



73.9910, 0.3221, 0.3607

Complementary

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



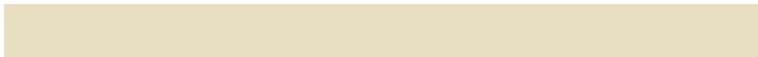
73.9910, 0.2782, 0.3049



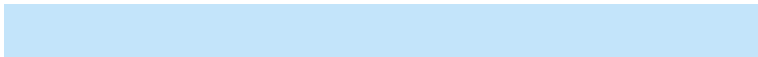
73.9177, 0.3528, 0.3519

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.



73.9910, 0.3387, 0.3607



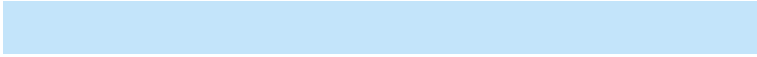
73.9910, 0.2782, 0.3049



73.9910, 0.3483, 0.3378

Square

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



73.9910, 0.2782, 0.3049



73.9910, 0.3214, 0.3080



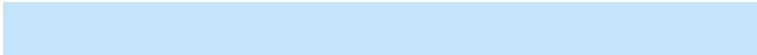
73.9910, 0.3484, 0.3520



73.9910, 0.3034, 0.3514

Rectangle

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



73.9910, 0.2782, 0.3049



73.9910, 0.2967, 0.2982



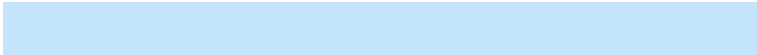
73.9910, 0.3484, 0.3520



73.9910, 0.3281, 0.3618

Sweetspot

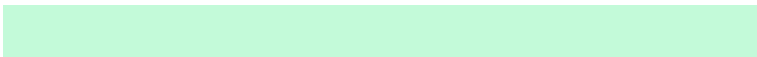
The Sweet Spot groups the original color and five complimentary colors.



73.9940, 0.2782, 0.3049



92.2945, 0.3019, 0.3219



84.9936, 0.2976, 0.3653



19.6174, 0.3009, 0.3213



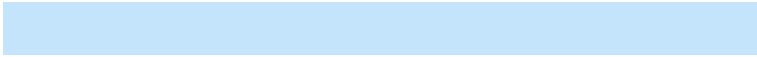
0.0000, 0.0000, 0.0000



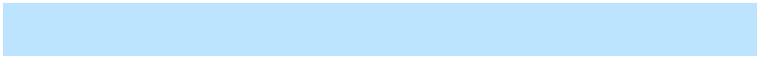
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9940, 0.2782, 0.3049



73.7363, 0.2718, 0.2999



60.0660, 0.2759, 0.2737



18.3742, 0.2980, 0.3193



15.5026, 0.1867, 0.1920



1.6433, 0.1917, 0.2100

Inverse Universe

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



64.9733, 0.3316, 0.2953



63.1528, 0.3359, 0.2888



89.2757, 0.3471, 0.3789



17.4000, 0.3200, 0.3149



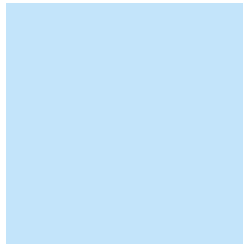
11.9759, 0.4544, 0.2277



1.1301, 0.4341, 0.2165

Previews

White Background



This preview shows how the Yxy color 73.9910, 0.2782, 0.3049 looks on a white background.

Color Contrast Check

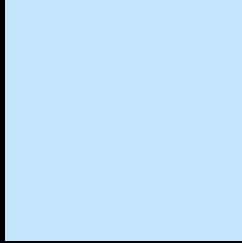
Large Text (above 18pt) WCAG AA × Fail

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 73.9910, 0.2782, 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

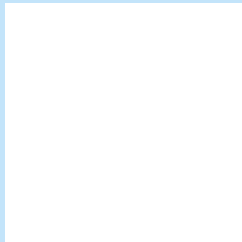
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9910, 0.2782, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 73.9910, 0.2782, 0.3049.

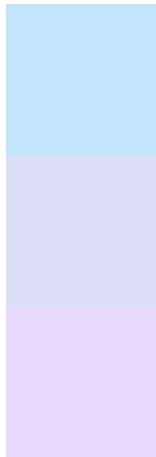


This preview shows how white text looks on a background with the Yxy color 73.9910, 0.2782, 0.3049.

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

73.9910, 0.2782, 0.3049

Protanopia

73.5824, 0.2961, 0.3026

Deuteranopia

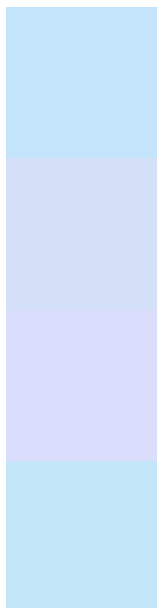
73.6429, 0.2998, 0.2930



Tritanopia

74.2234, 0.2793, 0.3092

Trichromacy



Original Color

73.9910, 0.2782, 0.3049

Protanomaly

73.8756, 0.2897, 0.3043

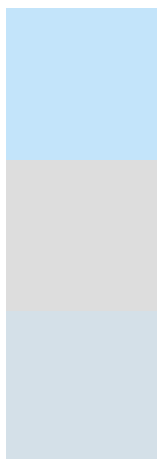
Deuteranomaly

73.5834, 0.2917, 0.2974

Tritanomaly

74.2853, 0.2788, 0.3081

Monochromacy



Original Color

73.9910, 0.2782, 0.3049

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.1346, 0.2994, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9910, 0.2782, 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(195, 228, 250)` looks like.

```
.text, #text, p{  
    color:rgb(195, 228, 250)  
}
```

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(195, 228, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 228, 250) }
```

Border

The CSS property to change the border of an element to Yxy 73.9910, 0.2782, 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(195, 228, 250) }
```

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

```
.border{ border-color:rgb(195, 228, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 228, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 228, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 228, 250);  
box-shadow:4px 4px 4px 4px rgb(195, 228,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9910, 0.2782, 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(195, 228, 250) }
```

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

```
.background{ background-color: rgb(195,  
228, 250) }
```

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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