

Converting Colors

$Yxy(74.7289, 0.2812, 0.3053)$

Have a look what the booklet for
Yxy(74.7289, 0.2812, 0.3053)
contains.

Yxy(74.6683, 0.2812, 0.3051)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.6683, 0.2812, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	C8E4FA
RGB	200, 228, 250
RGB Percent	78%, 89%, 98%
CMY	0.2157, 0.1059, 0.0195
CMYK	0.20, 0.09, 0.00, 0.02
HSL	206°, 83%, 88%
HSV	206°, 20%, 98%
XYZ	68.8192, 74.6683, 101.2464
YIQ	222.1360, -23.7500, 0.9060

Conversions

Conversions Part 2

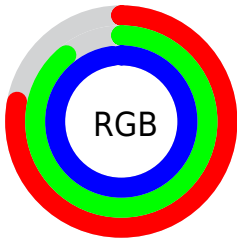
Format	Color
R_{YB}	200, 218, 250
Decimal	13165818
CIE Lab	89.24, -4.63, -13.77
CIE LCh	89, 14.524, 251.413
Yxy	74.6683, 0.2812, 0.3051
Android (android.graphics.Color)	4291355898 (0xFFC8E4FA)
YUV	222.1360, 13.7370, -19.4133
Hunter-Lab	86.4108, -9.0583, -8.9817

Details

The Yxy color **74.6683, 0.2812, 0.3051** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.7478, 0.3483, 0.3518**, and the grayscale version is **73.0634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8019, 0.2734, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **65.6424, 0.2651, 0.2913**, and if you desaturate by 10%, it is **84.6486, 0.2972, 0.3177**.

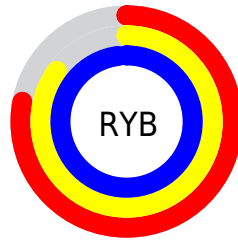
Distribution



Red (78%)

Green (89%)

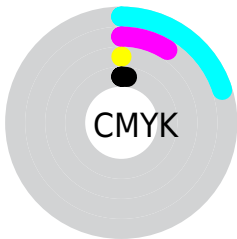
Blue (98%)



Red (78%)

Yellow (85%)

Blue (98%)

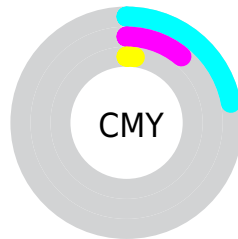


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (2%)



Cyan (22%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6683, 0.2812, 0.3051 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 74.6683, 0.2812, 0.3051 by changing the saturation by 10% instead.

■ 74.6683, 0.2812,
0.3051

■ 74.6683, 0.2812,
0.3051

476.7767, 0.2956,
0.3162

■ 55.3412, 0.2780,
0.3026

125.8427, 0.2861,
0.3089

■ 39.6750, 0.2740,
0.2995

158.4588, 0.2881,
0.3104

■ 27.2852, 0.2690,
0.2955

196.2734, 0.2898,
0.3117

■ 17.7875, 0.2626,
0.2904

239.6708, 0.2912,
0.3128

■ 10.7976, 0.2539,
0.2834

289.0354, 0.2925,
0.3138

■ 5.9309, 0.2418,
0.2734

344.7517, 0.2936,

■ 2.8031, 0.2235,

0.3147

0.2580

407.2040, 0.2947,
0.3155

1.0298, 0.1932,
0.2316

0.0000, 0.0000,
0.0000

74.6683, 0.2812,
0.3051

74.6683, 0.2812,
0.3051

65.6424, 0.2651,
0.2913

84.6486, 0.2972,
0.3177

57.5273, 0.2492,
0.2762

95.6065, 0.3127,
0.3290

50.2892, 0.2340,
0.2602

99.6836, 0.3156,
0.3337

43.8879, 0.2198,
0.2433

■ 38.2796, 0.2072,
0.2260

■ 33.4146, 0.1966,
0.2086

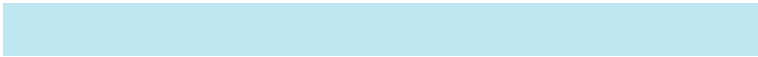
■ 29.2353, 0.1883,
0.1916

■ 25.6547, 0.1821,
0.1754

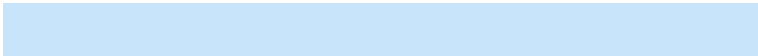
Harmonies

Analogous

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



74.6683, 0.2801, 0.3170



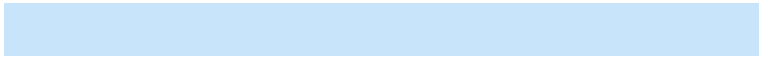
74.6683, 0.2812, 0.3051



74.6683, 0.2905, 0.2999

Triad

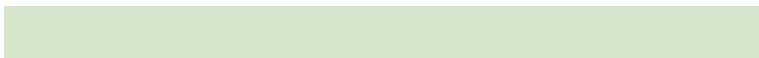
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6683, 0.2812, 0.3051



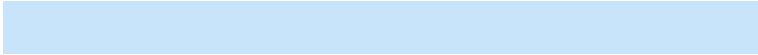
74.6683, 0.3385, 0.3246



74.6683, 0.3188, 0.3577

Complementary

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



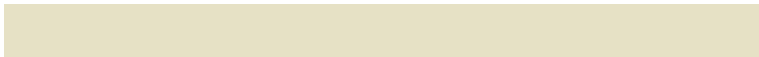
74.6683, 0.2812, 0.3051



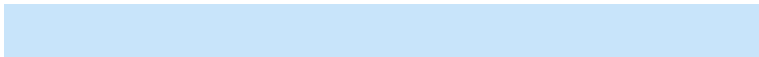
76.7478, 0.3483, 0.3518

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.



74.6683, 0.3349, 0.3591



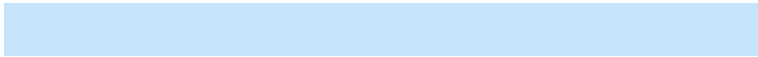
74.6683, 0.2812, 0.3051



74.6683, 0.3465, 0.3395

Square

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



74.6683, 0.2812, 0.3051



74.6683, 0.3235, 0.3111



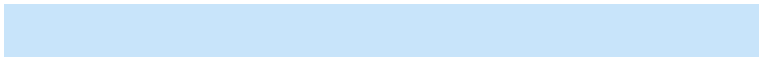
74.6683, 0.3451, 0.3522



74.6683, 0.3015, 0.3479

Rectangle

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



74.6683, 0.2812, 0.3051



74.6683, 0.3003, 0.3006



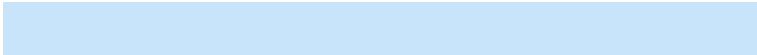
74.6683, 0.3451, 0.3522



74.6683, 0.3246, 0.3592

Sweetspot

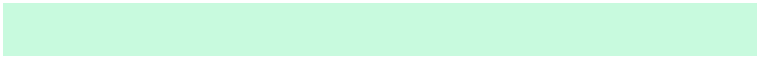
The Sweet Spot groups the original color and five complimentary colors.



74.6714, 0.2812, 0.3051



92.9913, 0.3034, 0.3224



85.9211, 0.2980, 0.3598



19.7455, 0.3024, 0.3216



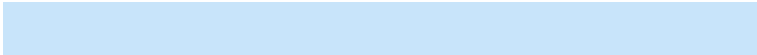
0.0000, 0.0000, 0.0000



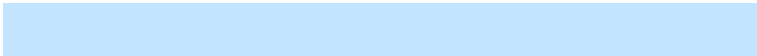
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6714, 0.2812, 0.3051



74.1851, 0.2747, 0.2997



62.0495, 0.2794, 0.2774



18.2552, 0.2980, 0.3183



13.8969, 0.1828, 0.1780



1.4983, 0.1882, 0.1976

Inverse Universe

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



67.2357, 0.3311, 0.3004



65.3596, 0.3356, 0.2944



90.8296, 0.3436, 0.3759



17.3880, 0.3206, 0.3158



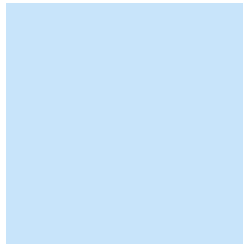
11.8138, 0.4709, 0.2368



1.1155, 0.4480, 0.2242

Previews

White Background



This preview shows how the Yxy color 74.6683, 0.2812, 0.3051 looks on a white background.

Color Contrast Check

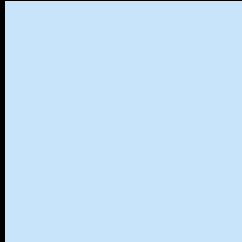
Large Text (above 18pt) WCAG AA × Fail

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 74.6683, 0.2812, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

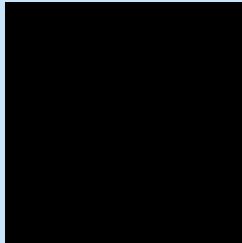
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

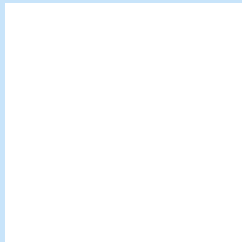
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6683, 0.2812, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 74.6683, 0.2812, 0.3051.

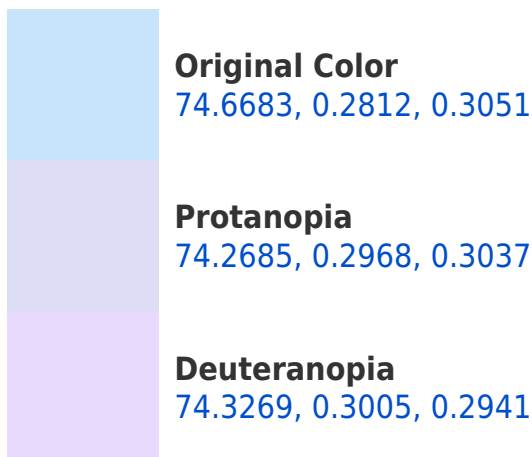


This preview shows how white text looks on a background with the Yxy color 74.6683, 0.2812, 0.3051.

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

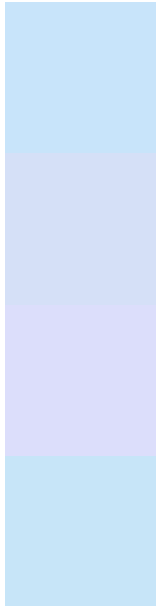




Tritanopia

74.8961, 0.2824, 0.3094

Trichromacy



Original Color

74.6683, 0.2812, 0.3051

Protanomaly

74.1728, 0.2909, 0.3044

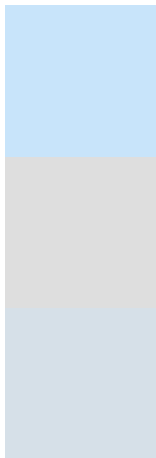
Deuteranomaly

74.4232, 0.2931, 0.2986

Tritanomaly

74.9580, 0.2818, 0.3083

Monochromacy



Original Color

74.6683, 0.2812, 0.3051

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4336, 0.3007, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6683, 0.2812, 0.3051 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(200, 228, 250)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 228, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 228, 250) }
```

Border

The CSS property to change the border of an element to Yxy 74.6683, 0.2812, 0.3051 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(200, 228, 250) }
```

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

```
.border{ border-color:rgb(200, 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(200, 228, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 228, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 228, 250);  
box-shadow:4px 4px 4px 4px rgb(200, 228,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6683, 0.2812, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 228, 250) }
```

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

```
.background{ background-color: rgb(200,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor