

Converting Colors

$Yxy(74.6231, 0.2849, 0.3022)$

Have a look what the booklet for
Yxy(74.6231, 0.2849, 0.3022)
contains.

Yxy(74.6231, 0.2849, 0.3022)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.6231, 0.2849, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	CFE2FB
RGB	207, 226, 251
RGB Percent	81%, 89%, 98%
CMY	0.1880, 0.1138, 0.0157
CMYK	0.18, 0.10, 0.00, 0.02
HSL	214°, 85%, 90%
HSV	214°, 18%, 98%
XYZ	70.3512, 74.6231, 101.9586
YIQ	223.1690, -19.3490, 3.7470

Conversions

Conversions Part 2

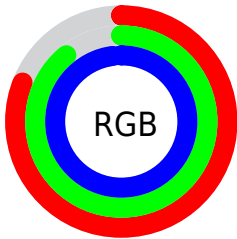
Format	Color
R_{YB}	207, 220, 251
Decimal	13624059
CIE _{Lab}	89.22, -1.23, -14.26
CIE _{LCh}	89, 14.313, 265.067
Yxy	74.6231, 0.2849, 0.3022
Android (android.graphics.Color)	4291814139 (0xFFCFE2FB)
YUV	223.1690, 13.7207, -14.1802
Hunter-Lab	86.3847, -5.8038, -9.5099

Details

The Yxy color **74.6231, 0.2849, 0.3022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.7628, 0.3423, 0.3544**, and the grayscale version is **73.8366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6963, 0.2786, 0.2969** is the 20% darker color. If you saturate the color by 10%, you get **63.8459, 0.2681, 0.2845**, and if you desaturate by 10%, it is **86.6282, 0.3011, 0.3182**.

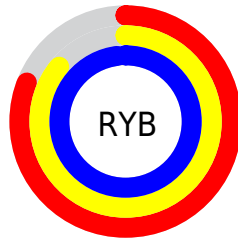
Distribution



Red (81%)

Green (89%)

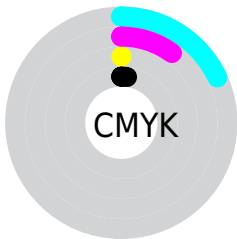
Blue (98%)



Red (81%)

Yellow (86%)

Blue (98%)

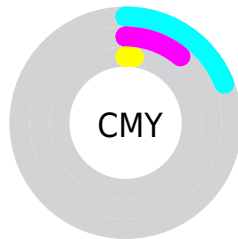


Cyan (18%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (19%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6231, 0.2849, 0.3022 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 74.6231, 0.2849, 0.3022 by changing the saturation by 10% instead.

■ 74.6231, 0.2849,
0.3022

■ 74.6231, 0.2849,
0.3022

476.6211, 0.2976,
0.3145

■ 55.3042, 0.2820,
0.2994

125.7787, 0.2893,
0.3065

■ 39.6453, 0.2785,
0.2960

158.3842, 0.2910,
0.3081

■ 27.2621, 0.2741,
0.2917

196.1873, 0.2925,
0.3095

■ 17.7702, 0.2683,
0.2861

239.5724, 0.2938,
0.3108

■ 10.7851, 0.2606,
0.2785

288.9240, 0.2949,
0.3119

■ 5.9225, 0.2497,
0.2677

344.6263, 0.2959,

■ 2.7980, 0.2332,

0.3129

0.2514

407.0639, 0.2968,
0.3137

■ 1.0272, 0.2056,
0.2238

■ 0.0000, 0.0000,
0.0000

■ 74.6231, 0.2849,
0.3022

■ 74.6231, 0.2849,
0.3022

■ 63.8459, 0.2681,
0.2845

■ 86.6282, 0.3011,
0.3182

■ 54.2446, 0.2510,
0.2651

■ 99.4625, 0.3150,
0.3324

■ 45.7768, 0.2340,
0.2442

■ 99.7448, 0.3150,
0.3328

■ 38.3934, 0.2177,
0.2223

■ 32.0412, 0.2028,
0.1999

■ 26.6613, 0.1899,
0.1777

■ 22.1866, 0.1794,
0.1564

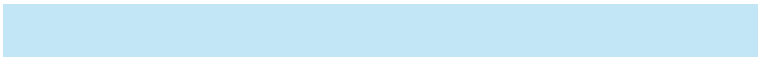
■ 18.5340, 0.1717,
0.1369

■ 17.7257, 0.1701,
0.1323

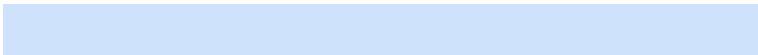
Harmonies

Analogous

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



74.6231, 0.2800, 0.3111



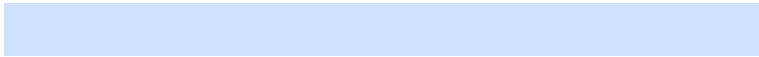
74.6231, 0.2849, 0.3022



74.6231, 0.2972, 0.3004

Triad

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



74.6231, 0.2849, 0.3022



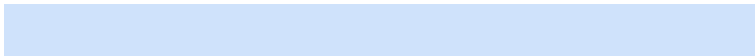
74.6231, 0.3428, 0.3314



74.6231, 0.3108, 0.3538

Complementary

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



74.6231, 0.2849, 0.3022



82.7628, 0.3423, 0.3544

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.



74.6231, 0.3278, 0.3591



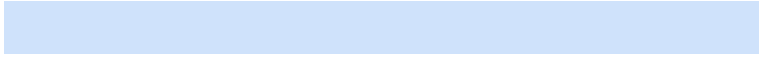
74.6231, 0.2849, 0.3022



74.6231, 0.3466, 0.3456

Square

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



74.6231, 0.2849, 0.3022



74.6231, 0.3307, 0.3170



74.6231, 0.3410, 0.3559



74.6231, 0.2947, 0.3412

Rectangle

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



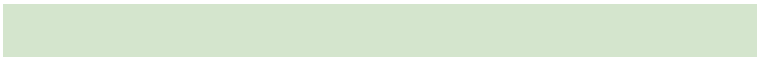
74.6231, 0.2849, 0.3022



74.6231, 0.3081, 0.3033



74.6231, 0.3410, 0.3559



74.6231, 0.3166, 0.3565

Sweetspot

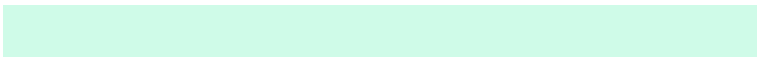
The Sweet Spot groups the original color and five complimentary colors.



74.6262, 0.2849, 0.3022



93.1195, 0.3050, 0.3219



88.0891, 0.2965, 0.3492



19.7301, 0.3039, 0.3209



0.0000, 0.0000, 0.0000



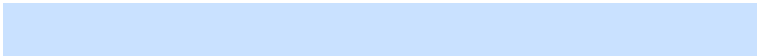
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6262, 0.2849, 0.3022



73.2954, 0.2791, 0.2962



65.3160, 0.2858, 0.2815



17.8732, 0.2979, 0.3151



9.5939, 0.1709, 0.1353



1.0946, 0.1773, 0.1584

Inverse Universe

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



70.6511, 0.3325, 0.3098



68.6539, 0.3374, 0.3057



93.4686, 0.3372, 0.3729



17.3494, 0.3226, 0.3188



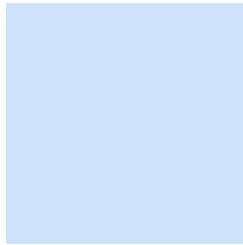
11.3794, 0.5254, 0.2668



1.0747, 0.4951, 0.2501

Previews

White Background



This preview shows how the Yxy color 74.6231, 0.2849, 0.3022 looks on a white background.

Color Contrast Check

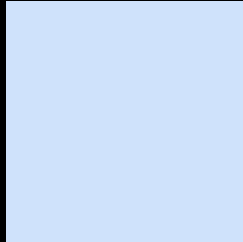
Large Text (above 18pt) WCAG AA × Fail

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 74.6231, 0.2849, 0.3022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

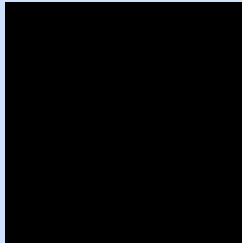
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

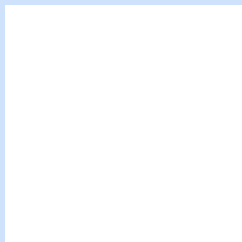
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6231, 0.2849, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 74.6231, 0.2849, 0.3022.



This preview shows how white text looks on a background with the Yxy color 74.6231, 0.2849, 0.3022.

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

74.6231, 0.2849, 0.3022

Protanopia

74.4543, 0.2949, 0.3007

Deuteranopia

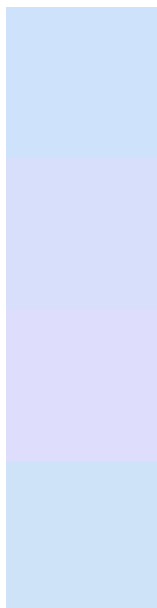
74.3905, 0.2998, 0.2932



Tritanopia

74.6526, 0.2878, 0.3095

Trichromacy



Original Color

74.6231, 0.2849, 0.3022

Protanomaly

74.2764, 0.2911, 0.3004

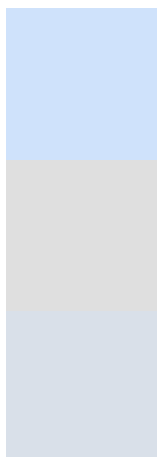
Deuteranomaly

74.4292, 0.2944, 0.2967

Tritanomaly

74.7754, 0.2866, 0.3074

Monochromacy



Original Color

74.6231, 0.2849, 0.3022

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.9462, 0.3022, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6231, 0.2849, 0.3022 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(207, 226, 251)` looks like.

```
.text, #text, p{  
    color:rgb(207, 226, 251)  
}
```

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(207, 226, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 226, 251) }
```

Border

The CSS property to change the border of an element to Yxy 74.6231, 0.2849, 0.3022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

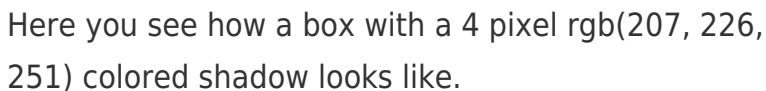
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 226, 251) }
```

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

```
.border{ border-color:rgb(207, 226, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 226, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 226, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 226, 251); box-shadow:4px 4px 4px 4px rgb(207, 226, 251) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6231, 0.2849, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 226, 251) }
```

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

```
.background{ background-color: rgb(207,  
226, 251) }
```

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