

Converting Colors

$Yxy(73.3185, 0.2836, 0.3075)$

Have a look what the booklet for
Yxy(73.3185, 0.2836, 0.3075)
contains.

Yxy(73.3259, 0.2833, 0.3071)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.3259, 0.2833, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	C8E2F6
RGB	200, 226, 246
RGB Percent	78%, 89%, 96%
CMY	0.2159, 0.1137, 0.0352
CMYK	0.19, 0.08, 0.00, 0.04
HSL	206°, 72%, 87%
HSV	206°, 19%, 96%
XYZ	67.6432, 73.3259, 97.7997
YIQ	220.5060, -21.9160, 0.7080

Conversions

Conversions Part 2

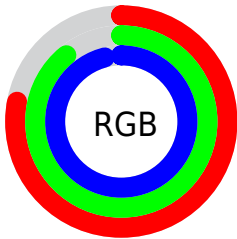
Format	Color
R _Y B	200, 217, 246
Decimal	13165302
CIE Lab	88.60, -4.47, -12.62
CIE LCh	89, 13.387, 250.509
Yxy	73.3259, 0.2833, 0.3071
Android (android.graphics.Color)	4291355382 (0xFFC8E2F6)
YUV	220.5060, 12.5685, -17.9838
Hunter-Lab	85.6305, -8.8487, -7.7745

Details

The Yxy color **73.3259, 0.2833, 0.3071** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9334, 0.3457, 0.3499**, and the grayscale version is **71.8610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8633, 0.2760, 0.3019** is the 20% darker color. If you saturate the color by 10%, you get **64.5783, 0.2673, 0.2936**, and if you desaturate by 10%, it is **82.9867, 0.2992, 0.3193**.

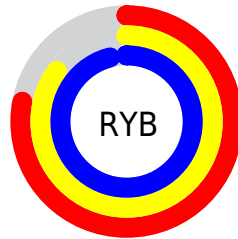
Distribution



Red (78%)

Green (89%)

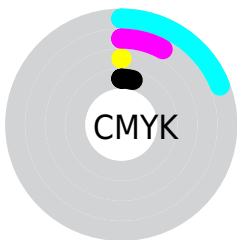
Blue (96%)



Red (78%)

Yellow (85%)

Blue (96%)

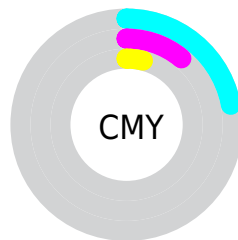


Cyan (19%)

Magenta (8%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3259, 0.2833, 0.3071 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 73.3259, 0.2833, 0.3071 by changing the saturation by 10% instead.

■ 73.3259, 0.2833,
0.3071

■ 73.3259, 0.2833,
0.3071

472.1435, 0.2968,
0.3173

■ 54.2425, 0.2803,
0.3048

123.9398, 0.2879,
0.3106

■ 38.7956, 0.2765,
0.3019

156.2390, 0.2898,
0.3120

■ 26.6007, 0.2718,
0.2982

193.7123, 0.2913,
0.3132

■ 17.2736, 0.2657,
0.2934

236.7440, 0.2927,
0.3142

■ 10.4297, 0.2575,
0.2869

285.7187, 0.2939,
0.3151

■ 5.6848, 0.2458,
0.2775

341.0205, 0.2950,

■ 2.6544, 0.2281,

0.3159

0.2629

403.0340, 0.2959,
0.3166

0.9541, 0.1981,
0.2374

0.0000, 0.0000,
0.0000

73.3259, 0.2833,
0.3071

73.3259, 0.2833,
0.3071

64.5783, 0.2673,
0.2936

82.9867, 0.2992,
0.3193

56.7024, 0.2514,
0.2790

93.5825, 0.3147,
0.3303

49.6663, 0.2361,
0.2633

99.4357, 0.3179,
0.3376

43.4323, 0.2219,
0.2467

■ 37.9588, 0.2091,
0.2297

■ 33.1995, 0.1984,
0.2126

■ 29.1004, 0.1898,
0.1958

■ 25.5862, 0.1834,
0.1796

■ 25.1699, 0.1827,
0.1775

Harmonies

Analogous

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



73.3259, 0.2825, 0.3183



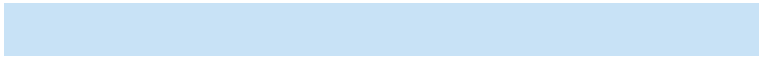
73.3259, 0.2833, 0.3071



73.3259, 0.2917, 0.3020

Triad

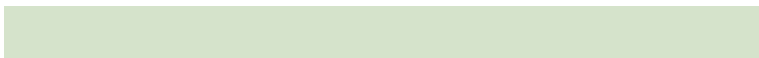
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3259, 0.2833, 0.3071



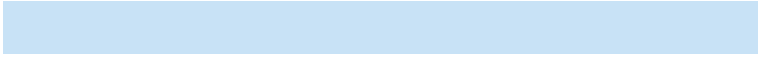
73.3259, 0.3363, 0.3245



73.3259, 0.3189, 0.3557

Complementary

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



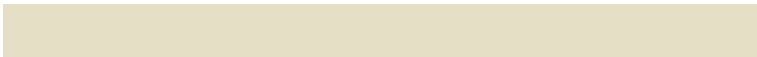
73.3259, 0.2833, 0.3071



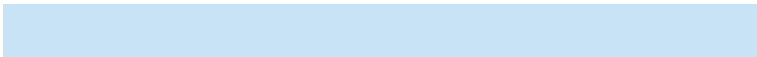
74.9334, 0.3457, 0.3499

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.



73.3259, 0.3337, 0.3568



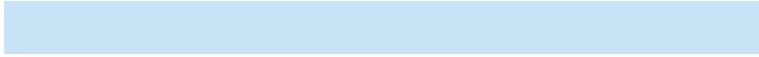
73.3259, 0.2833, 0.3071



73.3259, 0.3439, 0.3384

Square

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



73.3259, 0.2833, 0.3071



73.3259, 0.3222, 0.3121



73.3259, 0.3429, 0.3503



73.3259, 0.3028, 0.3469

Rectangle

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



73.3259, 0.2833, 0.3071



73.3259, 0.3007, 0.3025



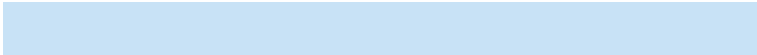
73.3259, 0.3429, 0.3503



73.3259, 0.3242, 0.3570

Sweetspot

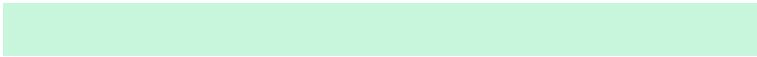
The Sweet Spot groups the original color and five complimentary colors.



73.3289, 0.2833, 0.3071



93.0459, 0.3034, 0.3225



83.3649, 0.2989, 0.3576



19.7584, 0.3024, 0.3217



0.0000, 0.0000, 0.0000



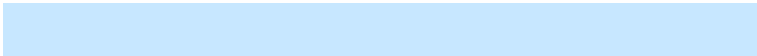
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3289, 0.2833, 0.3071



76.2953, 0.2780, 0.3028



61.6498, 0.2818, 0.2811



17.4824, 0.2980, 0.3185



13.7154, 0.1834, 0.1802



1.4097, 0.1890, 0.2005

Inverse Universe

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



66.3750, 0.3295, 0.3021



67.8097, 0.3330, 0.2971



87.8419, 0.3415, 0.3728



16.6396, 0.3205, 0.3157



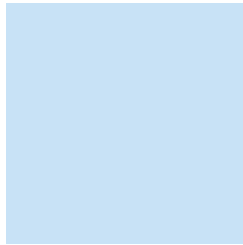
11.4840, 0.4683, 0.2354



1.0299, 0.4447, 0.2224

Previews

White Background



This preview shows how the Yxy color 73.3259, 0.2833, 0.3071 looks on a white background.

Color Contrast Check

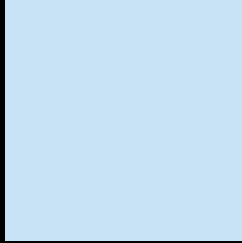
Large Text (above 18pt) WCAG AA × Fail

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 73.3259, 0.2833, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

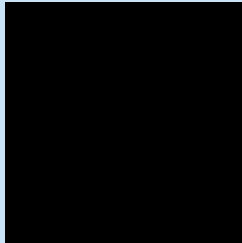
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

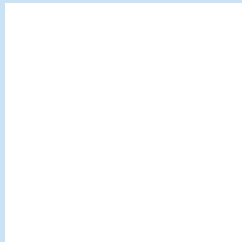
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3259, 0.2833, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 73.3259, 0.2833, 0.3071.

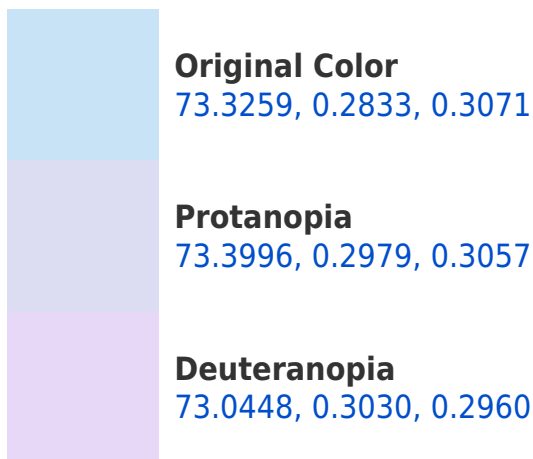


This preview shows how white text looks on a background with the Yxy color 73.3259, 0.2833, 0.3071.

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

73.2037, 0.2845, 0.3092

Trichromacy



Original Color

73.3259, 0.2833, 0.3071

Protanomaly

73.4531, 0.2927, 0.3065

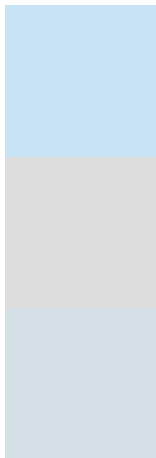
Deuteranomaly

73.1174, 0.2955, 0.3005

Tritanomaly

73.2646, 0.2839, 0.3082

Monochromacy



Original Color

73.3259, 0.2833, 0.3071

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6347, 0.3013, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3259, 0.2833, 0.3071 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, 226, 246)` looks like.

```
.text, #text, p{  
    color:rgb(200, 226, 246)  
}
```

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, 226, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 226, 246) }
```

Border

The CSS property to change the border of an element to Yxy 73.3259, 0.2833, 0.3071 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, 226, 246) }
```

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

```
.border{ border-color:rgb(200, 226, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 226, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 226, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 226, 246);  
box-shadow:4px 4px 4px 4px rgb(200, 226,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3259, 0.2833, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 226, 246) }
```

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

```
.background{ background-color: rgb(200,  
226, 246) }
```

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