

Converting Colors

$Yxy(71.2953, 0.2877, 0.2936)$

Have a look what the booklet for
Yxy(71.2953, 0.2877, 0.2936)
contains.

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Color

Yxy(71.1049, 0.2877, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	D4DAFB
RGB	212, 218, 251
RGB Percent	83%, 85%, 98%
CMY	0.1684, 0.1452, 0.0156
CMYK	0.16, 0.13, 0.00, 0.02
HSL	231°, 83%, 91%
HSV	231°, 16%, 98%
XYZ	69.6523, 71.1049, 101.3432
YIQ	219.9680, -14.1690, 8.9910

Conversions

Conversions Part 2

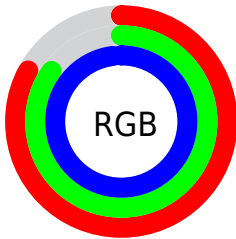
Format	Color
R _Y B	212, 217, 251
Decimal	13949691
CIE Lab	87.54, 4.51, -16.76
CIE LCh	88, 17.358, 285.056
Yxy	71.1049, 0.2877, 0.2937
Android (android.graphics.Color)	4292139771 (0xFFD4DAFB)
YUV	219.9680, 15.2988, -6.9879
Hunter-Lab	84.3237, -0.1236, -12.2302

Details

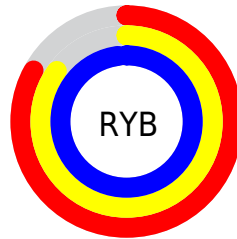
The Yxy color **71.1049, 0.2877, 0.2937** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.6433, 0.3370, 0.3620**, and the grayscale version is **71.4542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2575, 0.2820, 0.2860** is the 20% darker color. If you saturate the color by 10%, you get **57.3204, 0.2695, 0.2673**, and if you desaturate by 10%, it is **86.8936, 0.3043, 0.3172**.

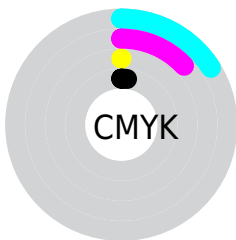
Distribution



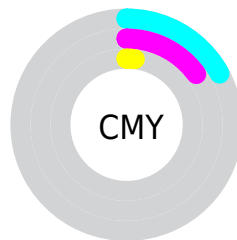
- Red (83%)
- Green (85%)
- Blue (98%)



- Red (83%)
- Yellow (85%)
- Blue (98%)



- Cyan (16%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (17%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1049, 0.2877, 0.2937 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 71.1049, 0.2877, 0.2937 by changing the saturation by 10% instead.

■ 71.1049, 0.2877,
0.2937

■ 71.1049, 0.2877,
0.2937

464.4201, 0.2993,
0.3099

■ 52.4278, 0.2850,
0.2901

120.7831, 0.2917,
0.2993

■ 37.3462, 0.2818,
0.2856

152.5530, 0.2933,
0.3014

■ 25.4756, 0.2776,
0.2800

189.4559, 0.2946,
0.3033

■ 16.4318, 0.2722,
0.2727

231.8762, 0.2958,
0.3050

■ 9.8302, 0.2648,
0.2629

280.1985, 0.2969,
0.3064

■ 5.2865, 0.2543,
0.2491

334.8069, 0.2978,

■ 2.4163, 0.2380,

0.3077

0.2284

396.0860, 0.2986,
0.3088

0.8343, 0.2101,
0.1938

0.0000, 0.0000,
0.0000

71.1049, 0.2877,
0.2937

71.1049, 0.2877,
0.2937

57.3204, 0.2695,
0.2673

86.8936, 0.3043,
0.3172

45.4508, 0.2501,
0.2383

99.7469, 0.3150,
0.3328

35.4134, 0.2300,
0.2074

27.1157, 0.2100,
0.1757

■ 20.4572, 0.1914,
0.1448

■ 15.3267, 0.1754,
0.1166

■ 11.5987, 0.1631,
0.0933

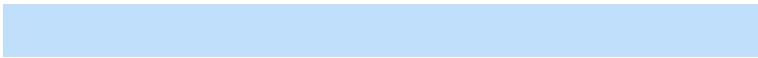
■ 9.1262, 0.1553,
0.0762

■ 8.3614, 0.1530,
0.0706

Harmonies

Analogous

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



71.1049, 0.2755, 0.2987



71.1049, 0.2877, 0.2937



71.1049, 0.3069, 0.2976

Triad

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



71.1049, 0.2877, 0.2937



71.1049, 0.3543, 0.3436



71.1049, 0.2966, 0.3501

Complementary

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



71.1049, 0.2877, 0.2937



90.6433, 0.3370, 0.3620

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.



71.1049, 0.3174, 0.3632



71.1049, 0.2877, 0.2937



71.1049, 0.3511, 0.3585

Square

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



71.1049, 0.2877, 0.2937



71.1049, 0.3458, 0.3257



71.1049, 0.3375, 0.3660



71.1049, 0.2805, 0.3310

Rectangle

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



71.1049, 0.2877, 0.2937



71.1049, 0.3212, 0.3046



71.1049, 0.3375, 0.3660



71.1049, 0.3033, 0.3554

Sweetspot

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



71.1078, 0.2877, 0.2937



90.9553, 0.3051, 0.3184



89.5835, 0.2926, 0.3357



19.2054, 0.3040, 0.3168



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.



71.1078, 0.2877, 0.2937



68.4678, 0.2815, 0.2848



70.1025, 0.2963, 0.2883



17.0685, 0.2979, 0.3082



4.5234, 0.1535, 0.0724



0.5409, 0.1584, 0.0903

Inverse Universe

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



72.6953, 0.3377, 0.3230



70.5183, 0.3446, 0.3216



91.9536, 0.3275, 0.3687



17.2682, 0.3270, 0.3254



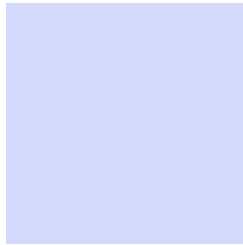
10.8675, 0.6192, 0.3185



1.0188, 0.5906, 0.3027

Previews

White Background



This preview shows how the Yxy color 71.1049, 0.2877, 0.2937 looks on a white background.

Color Contrast Check

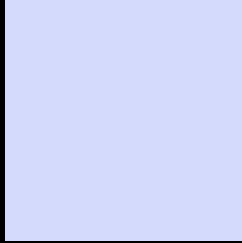
Large Text (above 18pt) WCAG AA × Fail

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 71.1049, 0.2877, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

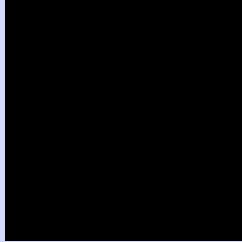
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1049, 0.2877, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 71.1049, 0.2877, 0.2937.

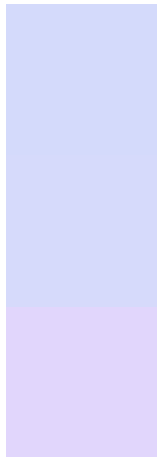


This preview shows how white text looks on a background with the Yxy color 71.1049, 0.2877, 0.2937.

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

71.1049, 0.2877, 0.2937

Protanopia

71.4040, 0.2890, 0.2939

Deuteranopia

71.1290, 0.2957, 0.2894



Tritanopia

71.0611, 0.2943, 0.3094

Trichromacy



Original Color

71.1049, 0.2877, 0.2937

Protanomaly

71.2540, 0.2883, 0.2938

Deuteranomaly

70.8448, 0.2923, 0.2901

Tritanomaly

70.9830, 0.2919, 0.3030

Monochromacy



Original Color

71.1049, 0.2877, 0.2937

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.1843, 0.3035, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1049, 0.2877, 0.2937 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(212, 218, 251)` looks like.

```
.text, #text, p{  
    color:rgb(212, 218, 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(212, 218, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 218, 251) }
```

Border

The CSS property to change the border of an element to Yxy 71.1049, 0.2877, 0.2937 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(212, 218, 251) }
```

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

```
.border{ border-color:rgb(212, 218, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 218, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 218, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 218, 251);  
box-shadow:4px 4px 4px 4px rgb(212, 218,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1049, 0.2877, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 218, 251) }
```

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

```
.background{ background-color: rgb(212,  
218, 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](#).

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