

Converting Colors

$Yxy(71.1116, 0.2719, 0.2640)$

Have a look what the booklet for
Yxy(71.1116, 0.2719, 0.2640)
contains.

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Color

Yxy(69.8179, 0.2851, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	D4D7FF
RGB	212, 215, 255
RGB Percent	83%, 84%, 100%
CMY	0.1687, 0.1568, 0.0000
CMYK	0.17, 0.16, 0.00, 0.00
HSL	236°, 100%, 92%
HSV	236°, 17%, 100%
XYZ	69.5010, 69.8179, 104.4587
YIQ	218.6630, -14.6280, 11.8040

Conversions

Conversions Part 2

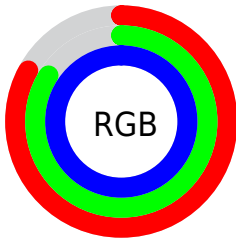
Format	Color
R _Y B	212, 215, 255
Decimal	13948927
CIE Lab	86.91, 6.89, -19.83
CIE LCh	87, 20.990, 289.166
Yxy	69.8179, 0.2851, 0.2864
Android (android.graphics.Color)	4292139007 (0xFFD4D7FF)
YUV	218.6630, 17.9141, -5.8435
Hunter-Lab	83.5571, 2.2475, -15.6313

Details

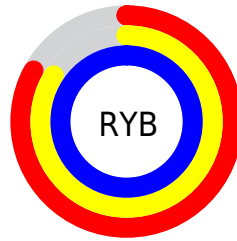
The Yxy color **69.8179, 0.2851, 0.2864** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.6101, 0.3386, 0.3683**, and the grayscale version is **70.4706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3869, 0.2787, 0.2766** is the 20% darker color. If you saturate the color by 10%, you get **55.1141, 0.2663, 0.2570**, and if you desaturate by 10%, it is **86.8684, 0.3021, 0.3128**.

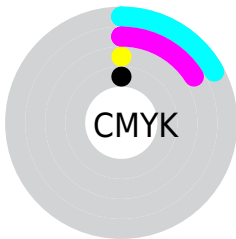
Distribution



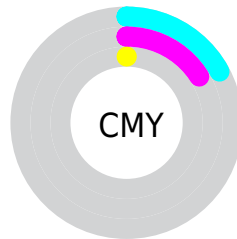
- Red (83%)
- Green (84%)
- Blue (100%)



- Red (83%)
- Yellow (84%)
- Blue (100%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8179, 0.2851, 0.2864 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 69.8179, 0.2851, 0.2864 by changing the saturation by 10% instead.

■ 69.8179, 0.2851,
0.2864

■ 69.8179, 0.2851,
0.2864

459.9104, 0.2980,
0.3058

■ 51.3781, 0.2821,
0.2820

118.9490, 0.2896,
0.2931

■ 36.5096, 0.2785,
0.2767

150.4091, 0.2913,
0.2957

■ 24.8280, 0.2739,
0.2700

186.9781, 0.2928,
0.2980

■ 15.9490, 0.2678,
0.2613

229.0404, 0.2941,
0.2999

■ 9.4881, 0.2596,
0.2498

276.9804, 0.2953,
0.3017

■ 5.0609, 0.2478,
0.2336

331.1825, 0.2963,

■ 2.2830, 0.2297,

0.3032

0.2096

392.0310, 0.2972,
0.3046

0.7647, 0.1991,
0.1698

0.0000, 0.0000,
0.0000

69.8179, 0.2851,
0.2864

69.8179, 0.2851,
0.2864

55.1141, 0.2663,
0.2570

86.8684, 0.3021,
0.3128

42.6544, 0.2460,
0.2248

100.0000, 0.3127,
0.3290

32.3282, 0.2250,
0.1910

24.0156, 0.2043,
0.1571

■ 17.5848, 0.1853,
0.1254

■ 12.8884, 0.1696,
0.0984

■ 9.7565, 0.1584,
0.0781

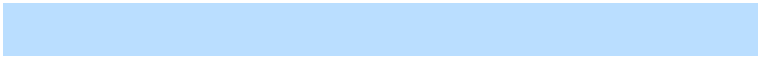
■ 7.9841, 0.1521,
0.0656

■ 7.6524, 0.1509,
0.0632

Harmonies

Analogous

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



69.8179, 0.2690, 0.2907



69.8179, 0.2851, 0.2864



69.8179, 0.3090, 0.2926

Triad

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



69.8179, 0.2851, 0.2864



69.8179, 0.3637, 0.3492



69.8179, 0.2900, 0.3519

Complementary

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



69.8179, 0.2851, 0.2864



95.6101, 0.3386, 0.3683

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.



69.8179, 0.3147, 0.3694



69.8179, 0.2851, 0.2864



69.8179, 0.3578, 0.3666

Square

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



69.8179, 0.2851, 0.2864



69.8179, 0.3553, 0.3278



69.8179, 0.3397, 0.3745



69.8179, 0.2717, 0.3279

Rectangle

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



69.8179, 0.2851, 0.2864



69.8179, 0.3265, 0.3017



69.8179, 0.3397, 0.3745



69.8179, 0.2978, 0.3588

Sweetspot

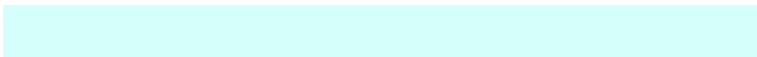
The Sweet Spot groups the original color and five complimentary colors.



69.8178, 0.2851, 0.2865



90.3323, 0.3051, 0.3173



92.5040, 0.2890, 0.3326



19.0546, 0.3040, 0.3156



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.



69.8178, 0.2851, 0.2865



64.9737, 0.2794, 0.2776



71.0993, 0.2971, 0.2847



17.5835, 0.2978, 0.3062



4.0733, 0.1512, 0.0643



0.4650, 0.1539, 0.0740

Inverse Universe

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



73.2395, 0.3429, 0.3260



68.9801, 0.3499, 0.3254



94.2889, 0.3264, 0.3727



18.0079, 0.3283, 0.3274



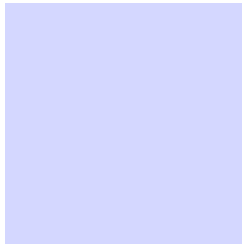
11.1392, 0.6328, 0.3260



1.0915, 0.6167, 0.3171

Previews

White Background



This preview shows how the Yxy color 69.8179, 0.2851, 0.2864 looks on a white background.

Color Contrast Check

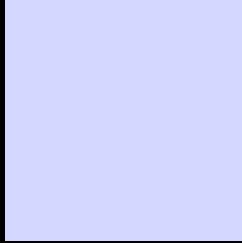
Large Text (above 18pt) WCAG AA × Fail

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 69.8179, 0.2851, 0.2864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

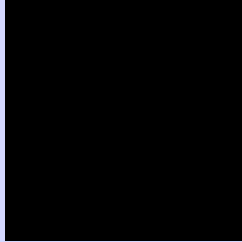
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.8179, 0.2851, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 69.8179, 0.2851, 0.2864.

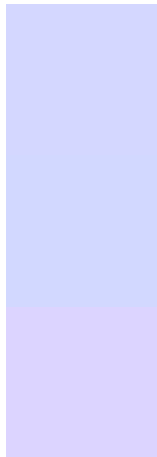


This preview shows how white text looks on a background with the Yxy color 69.8179, 0.2851, 0.2864.

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

69.8179, 0.2851, 0.2864

Protanopia

70.0334, 0.2839, 0.2874

Deuteranopia

69.5226, 0.2903, 0.2839



Tritanopia

69.7542, 0.2948, 0.3092

Trichromacy



Original Color

69.8179, 0.2851, 0.2864

Protanomaly

70.1806, 0.2845, 0.2875

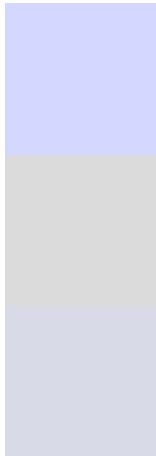
Deuteranomaly

69.5602, 0.2884, 0.2847

Tritanomaly

69.7984, 0.2912, 0.3008

Monochromacy



Original Color

69.8179, 0.2851, 0.2864

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.5679, 0.3022, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8179, 0.2851, 0.2864 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, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 215, 255)  
}
```

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, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 215, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.8179, 0.2851, 0.2864 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, 215, 255) }
```

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

```
.border{ border-color:rgb(212, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 215,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8179, 0.2851, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 215, 255) }
```

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

```
.background{ background-color: rgb(212,  
215, 255) }
```

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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