

Converting Colors

Yxy(68.5815, 0.2884, 0.2955)

Have a look what the booklet for
Yxy(68.5815, 0.2884, 0.2955)
contains.

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Color

Yxy(68.6646, 0.2879, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	D0D7F6
RGB	208, 215, 246
RGB Percent	82%, 84%, 96%
CMY	0.1844, 0.1568, 0.0353
CMYK	0.15, 0.13, 0.00, 0.04
HSL	229°, 68%, 89%
HSV	229°, 15%, 96%
XYZ	66.9439, 68.6646, 96.9164
YIQ	216.4410, -14.1230, 8.1570

Conversions

Conversions Part 2

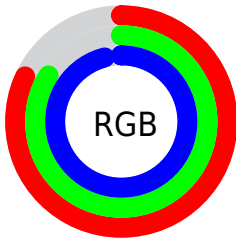
Format	Color
R _Y B	208, 214, 246
Decimal	13686774
CIE Lab	86.34, 3.75, -15.94
CIE LCh	86, 16.379, 283.249
Yxy	68.6646, 0.2879, 0.2953
Android (android.graphics.Color)	4291876854 (0xFFD0D7F6)
YUV	216.4410, 14.5726, -7.4028
Hunter-Lab	82.8641, -0.8063, -11.3396

Details

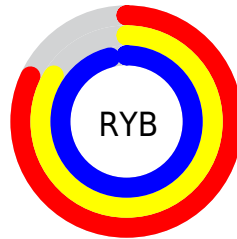
The Yxy color **68.6646, 0.2879, 0.2953** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.8673, 0.3370, 0.3606**, and the grayscale version is **68.8918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6316, 0.2814, 0.2865** is the 20% darker color. If you saturate the color by 10%, you get **55.7786, 0.2699, 0.2700**, and if you desaturate by 10%, it is **83.3613, 0.3044, 0.3178**.

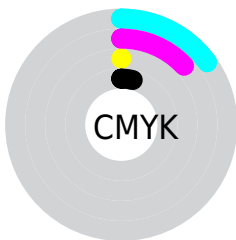
Distribution



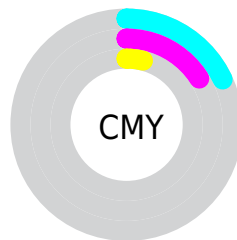
- Red (82%)
- Green (84%)
- Blue (96%)



- Red (82%)
- Yellow (84%)
- Blue (96%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.6646, 0.2879, 0.2953 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 68.6646, 0.2879, 0.2953 by changing the saturation by 10% instead.

■ 68.6646, 0.2879,
0.2953

■ 68.6646, 0.2879,
0.2953

455.8471, 0.2995,
0.3109

■ 50.4386, 0.2852,
0.2918

117.3024, 0.2919,
0.3007

■ 35.7620, 0.2819,
0.2874

148.4830, 0.2935,
0.3028

■ 24.2505, 0.2777,
0.2819

184.7506, 0.2948,
0.3046

■ 15.5195, 0.2722,
0.2748

226.4895, 0.2960,
0.3062

■ 9.1848, 0.2647,
0.2651

274.0843, 0.2970,
0.3075

■ 4.8619, 0.2539,
0.2513

327.9192, 0.2980,

■ 2.1665, 0.2369,

0.3088

0.2302

388.3787, 0.2988,
0.3099

0.7016, 0.2074,
0.1918

0.0000, 0.0000,
0.0000

68.6646, 0.2879,
0.2953

68.6646, 0.2879,
0.2953

55.7786, 0.2699,
0.2700

83.3613, 0.3044,
0.3178

44.6241, 0.2508,
0.2423

99.4341, 0.3179,
0.3376

35.1289, 0.2311,
0.2125

27.2122, 0.2115,
0.1819

■ 20.7861, 0.1932,
0.1516

■ 15.7540, 0.1773,
0.1237

■ 12.0071, 0.1649,
0.0998

■ 9.4185, 0.1568,
0.0815

■ 8.5661, 0.1542,
0.0751

Harmonies

Analogous

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



68.6646, 0.2767, 0.3007



68.6646, 0.2879, 0.2953



68.6646, 0.3059, 0.2985

Triad

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



68.6646, 0.2879, 0.2953



68.6646, 0.3522, 0.3420



68.6646, 0.2985, 0.3501

Complementary

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



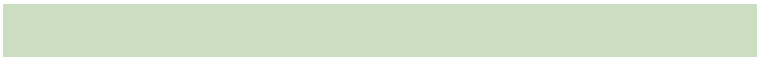
68.6646, 0.2879, 0.2953



85.8673, 0.3370, 0.3606

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.



68.6646, 0.3185, 0.3620



68.6646, 0.2879, 0.2953



68.6646, 0.3499, 0.3565

Square

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



68.6646, 0.2879, 0.2953



68.6646, 0.3435, 0.3249



68.6646, 0.3374, 0.3642



68.6646, 0.2827, 0.3321

Rectangle

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



68.6646, 0.2879, 0.2953



68.6646, 0.3196, 0.3049



68.6646, 0.3374, 0.3642



68.6646, 0.3049, 0.3550

Sweetspot

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



68.6674, 0.2879, 0.2953



91.2082, 0.3051, 0.3188



85.5183, 0.2934, 0.3370



19.2666, 0.3040, 0.3173



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.



68.6674, 0.2879, 0.2953



69.2782, 0.2816, 0.2866



66.8786, 0.2955, 0.2884



16.4220, 0.2979, 0.3091



4.7185, 0.1548, 0.0772



0.5478, 0.1605, 0.0979

Inverse Universe

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



69.6043, 0.3367, 0.3218



70.6001, 0.3434, 0.3200



88.0612, 0.3282, 0.3684



16.5325, 0.3264, 0.3246



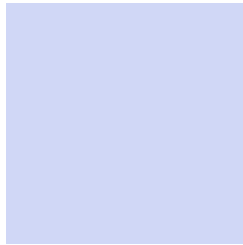
10.5757, 0.6115, 0.3142



0.9429, 0.5790, 0.2963

Previews

White Background



This preview shows how the Yxy color 68.6646, 0.2879, 0.2953 looks on a white background.

Color Contrast Check

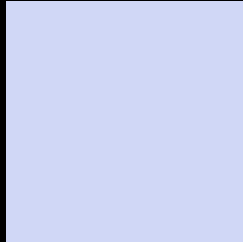
Large Text (above 18pt) WCAG AA × Fail

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 68.6646, 0.2879, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

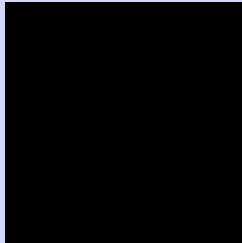
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.6646, 0.2879, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 68.6646, 0.2879, 0.2953.

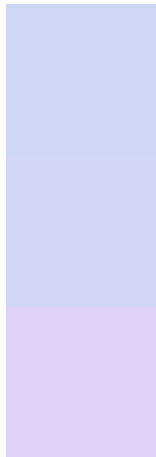


This preview shows how white text looks on a background with the Yxy color 68.6646, 0.2879, 0.2953.

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

68.6646, 0.2879, 0.2953

Protanopia

68.5346, 0.2905, 0.2954

Deuteranopia

68.3382, 0.2967, 0.2898



Tritanopia

68.6880, 0.2940, 0.3101

Trichromacy



Original Color

68.6646, 0.2879, 0.2953

Protanomaly

68.3873, 0.2898, 0.2954

Deuteranomaly

68.5541, 0.2933, 0.2916

Tritanomaly

68.5502, 0.2922, 0.3048

Monochromacy



Original Color

68.6646, 0.2879, 0.2953

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.8039, 0.3033, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6646, 0.2879, 0.2953 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(208, 215, 246)` looks like.

```
.text, #text, p{  
    color:rgb(208, 215, 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(208, 215, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 215, 246) }
```

Border

The CSS property to change the border of an element to Yxy 68.6646, 0.2879, 0.2953 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(208, 215, 246) }
```

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

```
.border{ border-color:rgb(208, 215, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 215, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 215, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 215, 246);  
box-shadow:4px 4px 4px 4px rgb(208, 215,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6646, 0.2879, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 215, 246) }
```

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

```
.background{ background-color: rgb(208,  
215, 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](#).

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