

Converting Colors

Yxy(66.2328, 0.2804, 0.2838)

Have a look what the booklet for
Yxy(66.2328, 0.2804, 0.2838)
contains.

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Color

Yxy(66.3133, 0.2808, 0.2843)

Conversions

Conversions Part 1

Format	Color
Hex	CBD3FC
RGB	203, 211, 252
RGB Percent	80%, 83%, 99%
CMY	0.2038, 0.1726, 0.0118
CMYK	0.19, 0.16, 0.00, 0.01
HSL	230°, 89%, 89%
HSV	230°, 19%, 99%
XYZ	65.4969, 66.3133, 101.4409
YIQ	213.2820, -17.9290, 11.0550

Conversions

Conversions Part 2

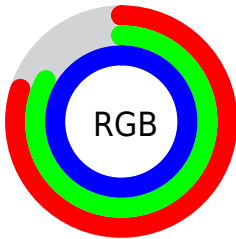
Format	Color
R _Y B	203, 210, 252
Decimal	13358076
CIE Lab	85.16, 5.62, -20.93
CIE LCh	85, 21.670, 285.027
Yxy	66.3133, 0.2808, 0.2843
Android (android.graphics.Color)	4291548156 (0xFFCBD3FC)
YUV	213.2820, 19.0880, -9.0173
Hunter-Lab	81.4330, 1.0607, -16.8544

Details

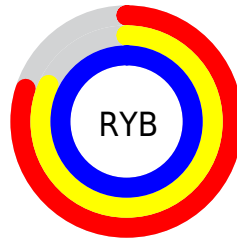
The Yxy color **66.3133, 0.2808, 0.2843** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.7214, 0.3435, 0.3701**, and the grayscale version is **66.6203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3500, 0.2731, 0.2750** is the 20% darker color. If you saturate the color by 10%, you get **53.2578, 0.2622, 0.2572**, and if you desaturate by 10%, it is **81.3247, 0.2980, 0.3086**.

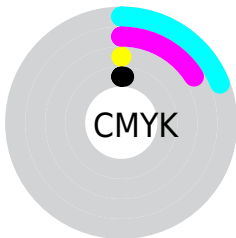
Distribution



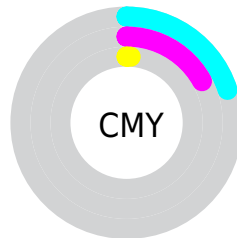
- Red (80%)
- Green (83%)
- Blue (99%)



- Red (80%)
- Yellow (82%)
- Blue (99%)



- Cyan (19%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3133, 0.2808, 0.2843 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 66.3133, 0.2808, 0.2843 by changing the saturation by 10% instead.

■ 66.3133, 0.2808,
0.2843

■ 66.3133, 0.2808,
0.2843

447.4965, 0.2958,
0.3049

■ 48.5268, 0.2773,
0.2796

113.9359, 0.2860,
0.2914

■ 34.2442, 0.2731,
0.2739

144.5407, 0.2880,
0.2942

■ 23.0813, 0.2676,
0.2667

180.1872, 0.2898,
0.2966

■ 14.6535, 0.2605,
0.2573

221.2595, 0.2913,
0.2987

■ 8.5766, 0.2508,
0.2447

268.1423, 0.2926,
0.3005

■ 4.4661, 0.2368,
0.2269

321.2197, 0.2938,

■ 1.9375, 0.2151,

0.3021

0.2001

380.8764, 0.2948,
0.3036

0.5708, 0.1777,
0.1492

0.0000, 0.0000,
0.0000

66.3133, 0.2808,
0.2843

66.3133, 0.2808,
0.2843

53.2578, 0.2622,
0.2572

81.3247, 0.2980,
0.3086

42.0691, 0.2425,
0.2278

98.3599, 0.3136,
0.3301

32.6633, 0.2224,
0.1967

99.8082, 0.3144,
0.3319

24.9469, 0.2029,
0.1654

■ 18.8175, 0.1853,
0.1355

■ 14.1613, 0.1706,
0.1089

■ 10.8485, 0.1600,
0.0876

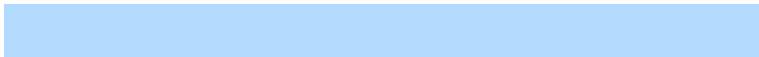
■ 8.7105, 0.1536,
0.0726

■ 8.6176, 0.1533,
0.0719

Harmonies

Analogous

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



66.3133, 0.2655, 0.2903



66.3133, 0.2808, 0.2843



66.3133, 0.3051, 0.2894

Triad

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



66.3133, 0.2808, 0.2843



66.3133, 0.3660, 0.3472



66.3133, 0.2921, 0.3562

Complementary

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



66.3133, 0.2808, 0.2843



89.7214, 0.3435, 0.3701

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.



66.3133, 0.3185, 0.3731



66.3133, 0.2808, 0.2843



66.3133, 0.3618, 0.3664

Square

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



66.3133, 0.2808, 0.2843



66.3133, 0.3551, 0.3246



66.3133, 0.3442, 0.3765



66.3133, 0.2718, 0.3314

Rectangle

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



66.3133, 0.2808, 0.2843



66.3133, 0.3234, 0.2981



66.3133, 0.3442, 0.3765



66.3133, 0.3005, 0.3631

Sweetspot

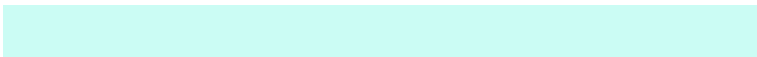
The Sweet Spot groups the original color and five complimentary colors.



66.3160, 0.2808, 0.2843



89.3117, 0.3035, 0.3163



88.8411, 0.2878, 0.3375



18.8772, 0.3025, 0.3149



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.



66.3160, 0.2808, 0.2843



63.0993, 0.2743, 0.2749



64.8639, 0.2915, 0.2770



17.0996, 0.2979, 0.3085



4.6275, 0.1539, 0.0739



0.5555, 0.1590, 0.0924

Inverse Universe

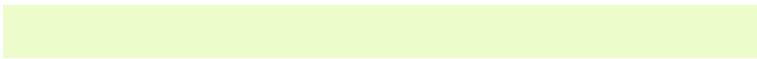
The Inverse Universe completely reimagines the original color for something new.



68.1201, 0.3451, 0.3209



65.3495, 0.3527, 0.3193



91.7096, 0.3312, 0.3793



17.2713, 0.3268, 0.3252



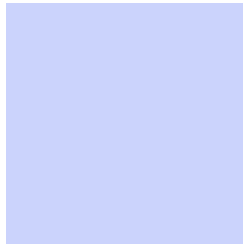
10.8781, 0.6168, 0.3172



1.0203, 0.5874, 0.3010

Previews

White Background



This preview shows how the Yxy color 66.3133, 0.2808, 0.2843 looks on a white background.

Color Contrast Check

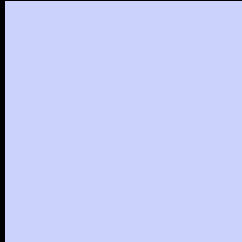
Large Text (above 18pt) WCAG AA × Fail

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 66.3133, 0.2808, 0.2843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

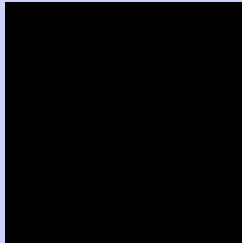
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3133, 0.2808, 0.2843

Background



This preview shows how black text looks on a background with the Yxy color 66.3133, 0.2808, 0.2843.

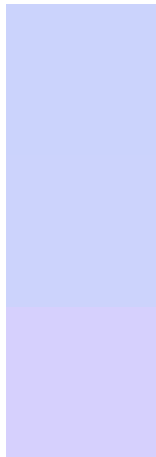


This preview shows how white text looks on a background with the Yxy color 66.3133, 0.2808, 0.2843.

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

66.3133, 0.2808, 0.2843

Protanopia

66.4542, 0.2814, 0.2844

Deuteranopia

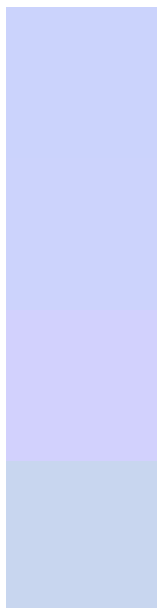
66.4997, 0.2874, 0.2809



Tritanopia

66.5692, 0.2905, 0.3098

Trichromacy



Original Color

66.3133, 0.2808, 0.2843

Protanomaly

66.4542, 0.2814, 0.2844

Deuteranomaly

66.3944, 0.2847, 0.2817

Tritanomaly

66.6045, 0.2868, 0.3011

Monochromacy



Original Color

66.3133, 0.2808, 0.2843

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.1883, 0.3005, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3133, 0.2808, 0.2843 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(203, 211, 252)` looks like.

```
.text, #text, p{  
    color:rgb(203, 211, 252)  
}
```

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(203, 211, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 211, 252) }
```

Border

The CSS property to change the border of an element to Yxy 66.3133, 0.2808, 0.2843 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(203, 211, 252) }
```

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

```
.border{ border-color:rgb(203, 211, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 211, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 211, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 211, 252);  
box-shadow:4px 4px 4px 4px rgb(203, 211,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3133, 0.2808, 0.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 211, 252) }
```

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

```
.background{ background-color: rgb(203,  
211, 252) }
```

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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