

Converting Colors

$Yxy(68.7297, 0.2832, 0.2848)$

Have a look what the booklet for
Yxy(68.7297, 0.2832, 0.2848)
contains.

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Color

Yxy(68.8684, 0.2831, 0.2851)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D1D6FF |
| RGB | 209, 214, 255 |
| RGB Percent | 82%, 84%, 100% |
| CMY | 0.1805, 0.1607, 0.0000 |
| CMYK | 0.18, 0.16, 0.00, 0.00 |
| HSL | 233°, 100%, 91% |
| HSV | 233°, 18%, 100% |
| XYZ | 68.3853, 68.8684, 104.3051 |
| YIQ | 217.1790, -16.1410, 11.6910 |

Conversions

Conversions Part 2

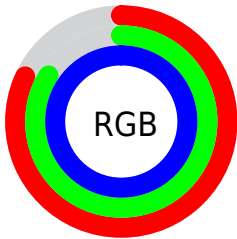
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 209, 214, 255 |
| Decimal | 13752063 |
| CIE Lab | 86.44, 6.49, -20.54 |
| CIE LCh | 86, 21.538, 287.531 |
| Yxy | 68.8684, 0.2831, 0.2851 |
| Android (android.graphics.Color) | 4291942143 (0xFFD1D6FF) |
| YUV | 217.1790, 18.6458, -7.1730 |
| Hunter-Lab | 82.9870, 1.8654, -16.4298 |

Details

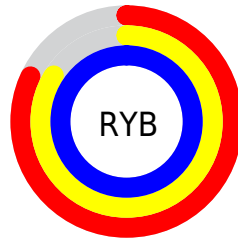
The Yxy color **68.8684, 0.2831, 0.2851** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.2057, 0.3408, 0.3694**, and the grayscale version is **69.3932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7435, 0.2761, 0.2748** is the 20% darker color. If you saturate the color by 10%, you get **54.7406, 0.2643, 0.2566**, and if you desaturate by 10%, it is **85.1975, 0.3002, 0.3107**.

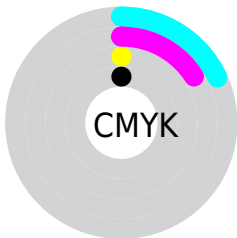
Distribution



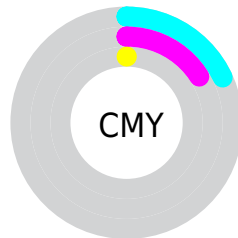
- Red (82%)
- Green (84%)
- Blue (100%)



- Red (82%)
- Yellow (84%)
- Blue (100%)



- Cyan (18%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.8684, 0.2831, 0.2851 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 68.8684, 0.2831, 0.2851 by changing the saturation by 10% instead.

■ 68.8684, 0.2831,
0.2851

■ 68.8684, 0.2831,
0.2851

456.5667, 0.2969,
0.3052

■ 50.6045, 0.2799,
0.2806

117.5936, 0.2879,
0.2920

■ 35.8940, 0.2760,
0.2750

148.8237, 0.2898,
0.2947

■ 24.3523, 0.2710,
0.2681

185.1447, 0.2914,
0.2971

■ 15.5952, 0.2645,
0.2591

226.9410, 0.2928,
0.2991

■ 9.2382, 0.2557,
0.2471

274.5969, 0.2940,
0.3009

■ 4.8968, 0.2430,
0.2303

328.4969, 0.2951,

■ 2.1869, 0.2235,

0.3025

0.2053

389.0254, 0.2961,
0.3039

0.7128, 0.1910,
0.1629

0.0000, 0.0000,
0.0000

68.8684, 0.2831,
0.2851

68.8684, 0.2831,
0.2851

54.7406, 0.2643,
0.2566

85.1975, 0.3002,
0.3107

42.7139, 0.2443,
0.2255

100.0000, 0.3127,
0.3290

32.6891, 0.2236,
0.1928

24.5570, 0.2034,
0.1600

■ 18.1977, 0.1850,
0.1290

■ 13.4773, 0.1697,
0.1022

■ 10.2425, 0.1588,
0.0815

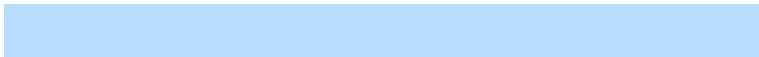
■ 8.3050, 0.1526,
0.0680

■ 8.0478, 0.1517,
0.0661

Harmonies

Analogous

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



68.8684, 0.2671, 0.2901



68.8684, 0.2831, 0.2851



68.8684, 0.3074, 0.2909

Triad

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



68.8684, 0.2831, 0.2851



68.8684, 0.3652, 0.3487



68.8684, 0.2905, 0.3538

Complementary

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



68.8684, 0.2831, 0.2851



94.2057, 0.3408, 0.3694

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.



68.8684, 0.3162, 0.3713



68.8684, 0.2831, 0.2851



68.8684, 0.3599, 0.3669

Square

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



68.8684, 0.2831, 0.2851



68.8684, 0.3557, 0.3265



68.8684, 0.3417, 0.3759



68.8684, 0.2713, 0.3293

Rectangle

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



68.8684, 0.2831, 0.2851



68.8684, 0.3255, 0.3000



68.8684, 0.3417, 0.3759



68.8684, 0.2987, 0.3609

Sweetspot

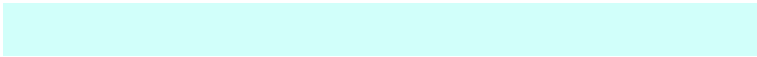
The Sweet Spot groups the original color and five complimentary colors.



68.8705, 0.2831, 0.2851



90.6307, 0.3051, 0.3178



91.9497, 0.2883, 0.3345



19.1268, 0.3040, 0.3162



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.



68.8705, 0.2831, 0.2851



63.0338, 0.2759, 0.2742



69.0739, 0.2948, 0.2812



17.6980, 0.2979, 0.3071



4.3074, 0.1521, 0.0676



0.5190, 0.1560, 0.0814

Inverse Universe

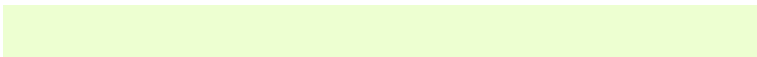
The Inverse Universe completely reimagines the original color for something new.



71.7014, 0.3442, 0.3240



66.4709, 0.3529, 0.3228



94.1876, 0.3284, 0.3758



18.0194, 0.3277, 0.3264



11.1628, 0.6273, 0.3229



1.0969, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 68.8684, 0.2831, 0.2851 looks on a white background.

Color Contrast Check

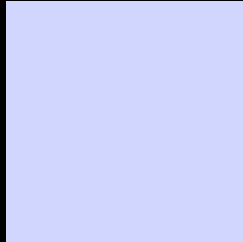
Large Text (above 18pt) WCAG AA × Fail

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 68.8684, 0.2831, 0.2851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

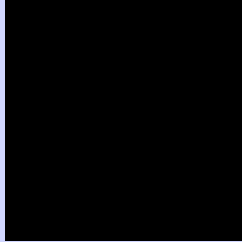
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8684, 0.2831, 0.2851

Background



This preview shows how black text looks on a background with the Yxy color 68.8684, 0.2831, 0.2851.



This preview shows how white text looks on a background with the Yxy color 68.8684, 0.2831, 0.2851.

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

68.8684, 0.2831, 0.2851

Protanopia

68.7230, 0.2825, 0.2850

Deuteranopia

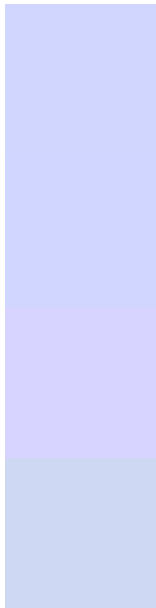
68.7140, 0.2890, 0.2826



Tritanopia

68.6030, 0.2927, 0.3090

Trichromacy



Original Color

68.8684, 0.2831, 0.2851

Protanomaly

68.7230, 0.2825, 0.2850

Deuteranomaly

68.7540, 0.2870, 0.2834

Tritanomaly

68.6443, 0.2891, 0.3005

Monochromacy



Original Color

68.8684, 0.2831, 0.2851

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.1774, 0.3014, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8684, 0.2831, 0.2851 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(209, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 214, 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(209, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 68.8684, 0.2831, 0.2851 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(209, 214, 255) }
```

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

```
.border{ border-color:rgb(209, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8684, 0.2831, 0.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 214, 255) }
```

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

```
.background{ background-color: rgb(209,  
214, 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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