

Converting Colors

$Yxy(69.1998, 0.2809, 0.2897)$

Have a look what the booklet for
Yxy(69.1998, 0.2809, 0.2897)
contains.

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Color

Yxy(69.4141, 0.2806, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	CBD9FD
RGB	203, 217, 253
RGB Percent	80%, 85%, 99%
CMY	0.2040, 0.1490, 0.0079
CMYK	0.20, 0.14, 0.00, 0.01
HSL	223°, 93%, 89%
HSV	223°, 20%, 99%
XYZ	67.1641, 69.4141, 102.7807
YIQ	216.9180, -19.9000, 8.2280

Conversions

Conversions Part 2

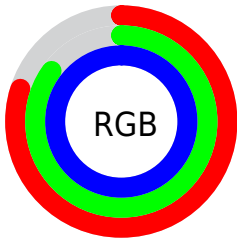
Format	Color
R _{YB}	203, 214, 253
Decimal	13359613
CIE _{Lab}	86.71, 2.64, -19.11
CIE _{LCh}	87, 19.289, 277.871
Yxy	69.4141, 0.2806, 0.2900
Android (android.graphics.Color)	4291549693 (0xFFC _{BD9FD})
YUV	216.9180, 17.7884, -12.2061
Hunter-Lab	83.3151, -1.9045, -14.8218

Details

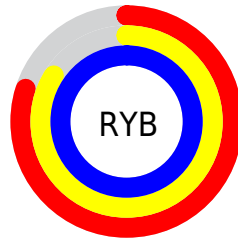
The Yxy color **69.4141, 0.2806, 0.2900** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.8976, 0.3452, 0.3652**, and the grayscale version is **69.2138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1221, 0.2730, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **57.2800, 0.2627, 0.2668**, and if you desaturate by 10%, it is **83.1679, 0.2975, 0.3109**.

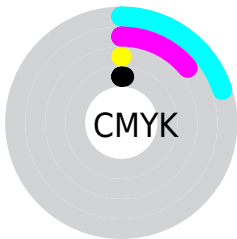
Distribution



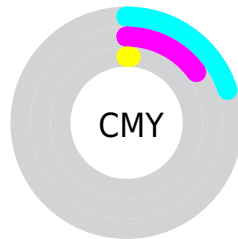
- Red (80%)
- Green (85%)
- Blue (99%)



- Red (80%)
- Yellow (84%)
- Blue (99%)



- Cyan (20%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4141, 0.2806, 0.2900 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 69.4141, 0.2806, 0.2900 by changing the saturation by 10% instead.

■ 69.4141, 0.2806,
0.2900

■ 69.4141, 0.2806,
0.2900

458.4901, 0.2955,
0.3080

■ 51.0490, 0.2772,
0.2859

118.3728, 0.2858,
0.2962

■ 36.2476, 0.2730,
0.2809

149.7353, 0.2878,
0.2986

■ 24.6255, 0.2677,
0.2746

186.1990, 0.2895,
0.3007

■ 15.7983, 0.2608,
0.2665

228.1484, 0.2910,
0.3025

■ 9.3815, 0.2514,
0.2555

275.9678, 0.2923,
0.3041

■ 4.9909, 0.2380,
0.2400

330.0416, 0.2935,

■ 2.2419, 0.2176,

0.3055

0.2166

390.7542, 0.2946,
0.3068

0.7427, 0.1832,
0.1766

0.0000, 0.0000,
0.0000

69.4141, 0.2806,
0.2900

69.4141, 0.2806,
0.2900

57.2800, 0.2627,
0.2668

83.1679, 0.2975,
0.3109

46.6956, 0.2441,
0.2415

98.5910, 0.3131,
0.3294

37.5981, 0.2254,
0.2146

99.8715, 0.3139,
0.3309

29.9170, 0.2074,
0.1869

■ 23.5754, 0.1909,
0.1595

■ 18.4884, 0.1770,
0.1338

■ 14.5592, 0.1663,
0.1112

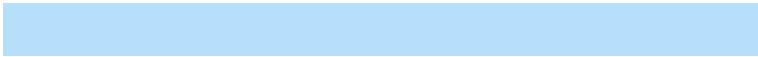
■ 11.6566, 0.1591,
0.0927

■ 11.5999, 0.1590,
0.0923

Harmonies

Analogous

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



69.4141, 0.2694, 0.2979



69.4141, 0.2806, 0.2900



69.4141, 0.3005, 0.2921

Triad

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



69.4141, 0.2806, 0.2900



69.4141, 0.3582, 0.3405



69.4141, 0.3000, 0.3571

Complementary

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



69.4141, 0.2806, 0.2900



86.8976, 0.3452, 0.3652

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.



69.4141, 0.3236, 0.3693



69.4141, 0.2806, 0.2900



69.4141, 0.3578, 0.3585

Square

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



69.4141, 0.2806, 0.2900



69.4141, 0.3458, 0.3205



69.4141, 0.3449, 0.3695



69.4141, 0.2803, 0.3366

Rectangle

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



69.4141, 0.2806, 0.2900



69.4141, 0.3164, 0.2986



69.4141, 0.3449, 0.3695



69.4141, 0.3077, 0.3624

Sweetspot

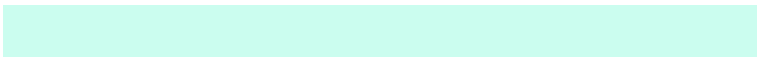
The Sweet Spot groups the original color and five complimentary colors.



69.4169, 0.2806, 0.2900



90.3910, 0.3035, 0.3181



89.1609, 0.2905, 0.3440



19.1316, 0.3025, 0.3169



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.



69.4169, 0.2806, 0.2900



65.2408, 0.2731, 0.2805



64.0582, 0.2870, 0.2754



18.2078, 0.2979, 0.3114



6.3816, 0.1597, 0.0949



0.7965, 0.1657, 0.1165

Inverse Universe

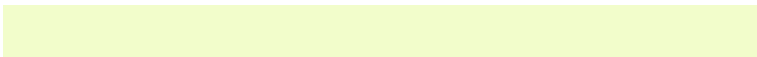
The Inverse Universe completely reimagines the original color for something new.



68.5910, 0.3413, 0.3147



64.4567, 0.3491, 0.3115



93.4622, 0.3354, 0.3796



18.0709, 0.3250, 0.3224



11.3722, 0.5836, 0.2988



1.1250, 0.5516, 0.2812

Previews

White Background



This preview shows how the Yxy color 69.4141, 0.2806, 0.2900 looks on a white background.

Color Contrast Check

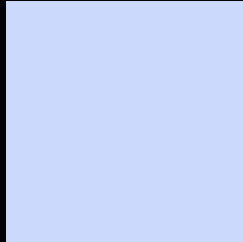
Large Text (above 18pt) WCAG AA × Fail

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 69.4141, 0.2806, 0.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

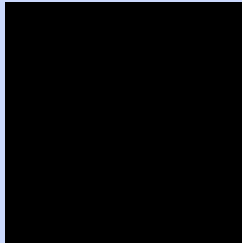
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4141, 0.2806, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 69.4141, 0.2806, 0.2900.

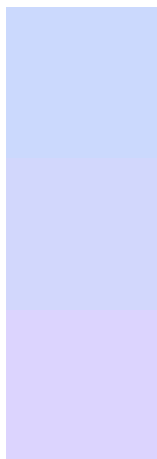


This preview shows how white text looks on a background with the Yxy color 69.4141, 0.2806, 0.2900.

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

69.4141, 0.2806, 0.2900

Protanopia

69.3308, 0.2856, 0.2893

Deuteranopia

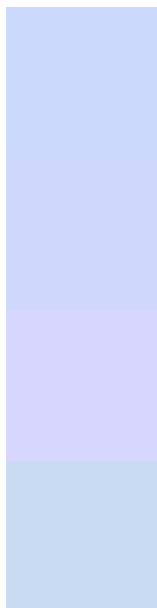
69.4584, 0.2910, 0.2849



Tritanopia

69.5802, 0.2883, 0.3100

Trichromacy



Original Color

69.4141, 0.2806, 0.2900

Protanomaly

69.4054, 0.2837, 0.2902

Deuteranomaly

69.5450, 0.2870, 0.2865

Tritanomaly

69.5516, 0.2853, 0.3025

Monochromacy



Original Color

69.4141, 0.2806, 0.2900

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.3359, 0.3007, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4141, 0.2806, 0.2900 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, 217, 253)` looks like.

```
.text, #text, p{  
    color:rgb(203, 217, 253)  
}
```

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, 217, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 217, 253) }
```

Border

The CSS property to change the border of an element to Yxy 69.4141, 0.2806, 0.2900 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, 217, 253) }
```

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

```
.border{ border-color:rgb(203, 217, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 217, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 217, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 217, 253);  
box-shadow:4px 4px 4px 4px rgb(203, 217,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4141, 0.2806, 0.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 217, 253) }
```

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

```
.background{ background-color: rgb(203,  
217, 253) }
```

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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