

Converting Colors

$Yxy(65.7112, 0.2860, 0.2820)$

Have a look what the booklet for
Yxy(65.7112, 0.2860, 0.2820)
contains.

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Color

Yxy(65.7784, 0.2859, 0.2826)

Conversions

Conversions Part 1

Format	Color
Hex	D2D0FB
RGB	210, 208, 251
RGB Percent	82%, 82%, 98%
CMY	0.1764, 0.1843, 0.0158
CMYK	0.16, 0.17, 0.00, 0.02
HSL	243°, 84%, 90%
HSV	243°, 17%, 98%
XYZ	66.5465, 65.7784, 100.4366
YIQ	213.5000, -12.6110, 13.7970

Conversions

Conversions Part 2

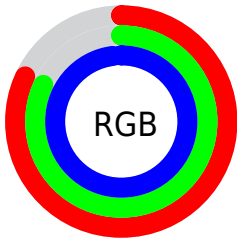
Format	Color
R _Y B	210, 208, 251
Decimal	13816059
CIE Lab	84.88, 9.14, -20.75
CIE LCh	85, 22.676, 293.772
Yxy	65.7784, 0.2859, 0.2826
Android (android.graphics.Color)	4292006139 (0xFFD2D0FB)
YUV	213.5000, 18.4875, -3.0695
Hunter-Lab	81.1039, 4.5292, -16.6502

Details

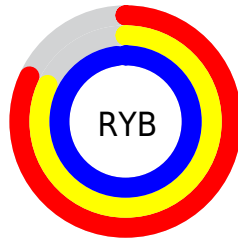
The Yxy color **65.7784, 0.2859, 0.2826** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.6684, 0.3372, 0.3719**, and the grayscale version is **66.7742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9748, 0.2795, 0.2728** is the 20% darker color. If you saturate the color by 10%, you get **51.2425, 0.2675, 0.2511**, and if you desaturate by 10%, it is **82.7810, 0.3023, 0.3109**.

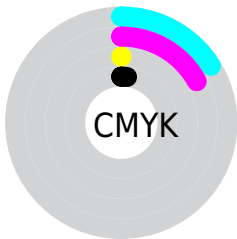
Distribution



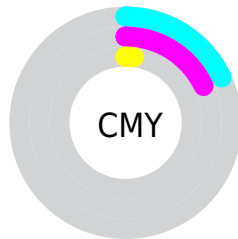
- Red (82%)
- Green (82%)
- Blue (98%)



- Red (82%)
- Yellow (82%)
- Blue (98%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7784, 0.2859, 0.2826 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 65.7784, 0.2859, 0.2826 by changing the saturation by 10% instead.

65.7784, 0.2859,
0.2826

65.7784, 0.2859,
0.2826

445.5839, 0.2986,
0.3039

48.0925, 0.2829,
0.2778

113.1682, 0.2903,
0.2899

33.9002, 0.2793,
0.2719

143.6410, 0.2921,
0.2928

22.8169, 0.2746,
0.2645

179.1448, 0.2935,
0.2953

14.4584, 0.2684,
0.2548

220.0641, 0.2948,
0.2975

8.4402, 0.2599,
0.2420

266.7833, 0.2959,
0.2994

4.3779, 0.2476,
0.2238

319.6867, 0.2969,

1.8871, 0.2282,

0.3010

0.1968

379.1588, 0.2978,
0.3025

0.5406, 0.1957,
0.1435

0.0000, 0.0000,
0.0000

65.7784, 0.2859,
0.2826

65.7784, 0.2859,
0.2826

51.2425, 0.2675,
0.2511

82.7810, 0.3023,
0.3109

39.0511, 0.2474,
0.2169

99.7436, 0.3150,
0.3328

29.0838, 0.2263,
0.1814

21.2063, 0.2053,
0.1466

■ 15.2699, 0.1860,
0.1149

■ 11.1062, 0.1700,
0.0892

■ 8.5179, 0.1585,
0.0714

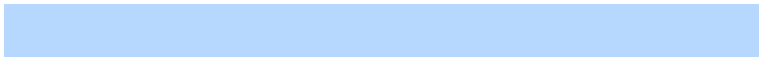
■ 7.2552, 0.1521,
0.0622

■ 7.0400, 0.1510,
0.0605

Harmonies

Analogous

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



65.7784, 0.2667, 0.2854



65.7784, 0.2859, 0.2826



65.7784, 0.3130, 0.2910

Triad

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



65.7784, 0.2859, 0.2826



65.7784, 0.3690, 0.3545



65.7784, 0.2839, 0.3505

Complementary

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



65.7784, 0.2859, 0.2826



93.6684, 0.3372, 0.3719

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.



65.7784, 0.3104, 0.3715



65.7784, 0.2859, 0.2826



65.7784, 0.3601, 0.3725

Square

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



65.7784, 0.2859, 0.2826



65.7784, 0.3621, 0.3312



65.7784, 0.3384, 0.3794



65.7784, 0.2656, 0.3236

Rectangle

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



65.7784, 0.2859, 0.2826



65.7784, 0.3322, 0.3019



65.7784, 0.3384, 0.3794



65.7784, 0.2921, 0.3586

Sweetspot

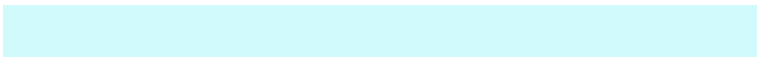
The Sweet Spot groups the original color and five complimentary colors.



65.7811, 0.2859, 0.2826



89.9006, 0.3055, 0.3165



88.4631, 0.2867, 0.3274



18.9502, 0.3045, 0.3146



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.



65.7811, 0.2859, 0.2826



62.0346, 0.2790, 0.2707



69.0534, 0.3004, 0.2845



16.6817, 0.2986, 0.3045



3.7181, 0.1514, 0.0608



0.3576, 0.1548, 0.0627

Inverse Universe

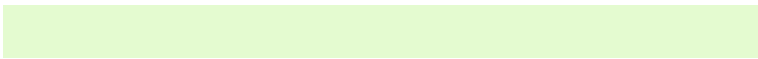
The Inverse Universe completely reimagines the original color for something new.



72.4562, 0.3161, 0.2884



70.3030, 0.3169, 0.2789



90.0383, 0.3234, 0.3738



17.5097, 0.3145, 0.3067



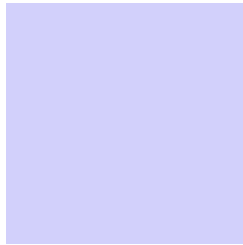
14.0704, 0.3330, 0.1608



1.3074, 0.3314, 0.1599

Previews

White Background



This preview shows how the Yxy color 65.7784, 0.2859, 0.2826 looks on a white background.

Color Contrast Check

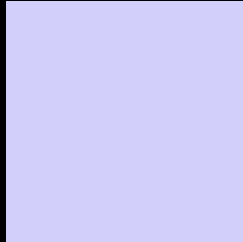
Large Text (above 18pt) WCAG AA × Fail

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 65.7784, 0.2859, 0.2826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

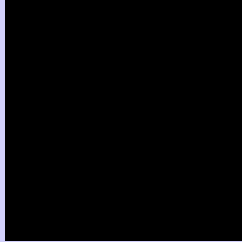
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.7784, 0.2859, 0.2826

Background



This preview shows how black text looks on a background with the Yxy color 65.7784, 0.2859, 0.2826.

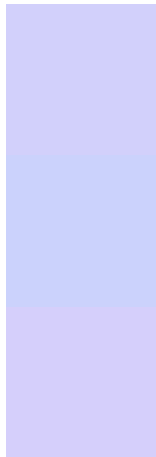


This preview shows how white text looks on a background with the Yxy color 65.7784, 0.2859, 0.2826.

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

65.7784, 0.2859, 0.2826

Protanopia

65.8180, 0.2807, 0.2832

Deuteranopia

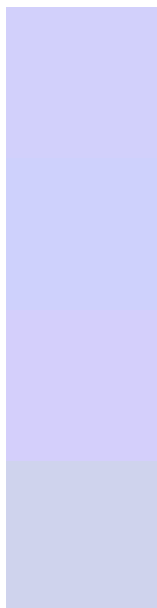
65.7368, 0.2879, 0.2817



Tritanopia

65.8659, 0.2971, 0.3099

Trichromacy



Original Color

65.7784, 0.2859, 0.2826

Protanomaly

65.7510, 0.2826, 0.2823

Deuteranomaly

65.5877, 0.2872, 0.2817

Tritanomaly

65.9684, 0.2927, 0.3002

Monochromacy



Original Color

65.7784, 0.2859, 0.2826

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.7792, 0.3034, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7784, 0.2859, 0.2826 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(210, 208, 251)` looks like.

```
.text, #text, p{  
    color:rgb(210, 208, 251)  
}
```

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(210, 208, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 208, 251) }
```

Border

The CSS property to change the border of an element to Yxy 65.7784, 0.2859, 0.2826 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(210, 208, 251) }
```

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

```
.border{ border-color:rgb(210, 208, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 208, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 208, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 208, 251); box-shadow:4px 4px 4px 4px rgb(210, 208, 251) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7784, 0.2859, 0.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 208, 251) }
```

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

```
.background{ background-color: rgb(210,  
208, 251) }
```

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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