

Converting Colors

$Yxy(65.6836, 0.2840, 0.2825)$

Have a look what the booklet for
Yxy(65.6836, 0.2840, 0.2825)
contains.

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Color

Yxy(65.4867, 0.2845, 0.2824)

Conversions

Conversions Part 1

Format	Color
Hex	D0D0FB
RGB	208, 208, 251
RGB Percent	82%, 82%, 98%
CMY	0.1844, 0.1843, 0.0157
CMYK	0.17, 0.17, 0.00, 0.02
HSL	240°, 84%, 90%
HSV	240°, 17%, 98%
XYZ	65.9737, 65.4867, 100.4330
YIQ	212.9020, -13.8030, 13.3730

Conversions

Conversions Part 2

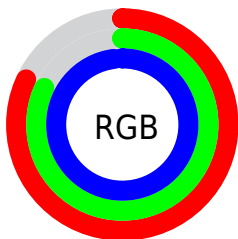
Format	Color
R _Y B	208, 208, 251
Decimal	13684987
CIE Lab	84.73, 8.51, -21.01
CIE LCh	85, 22.664, 292.045
Yxy	65.4867, 0.2845, 0.2824
Android (android.graphics.Color)	4291875067 (0xFFD0D0FB)
YUV	212.9020, 18.7823, -4.2991
Hunter-Lab	80.9239, 3.9065, -16.9370

Details

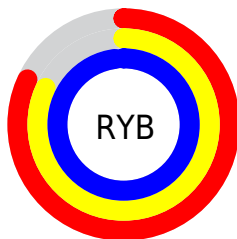
The Yxy color $65.4867, 0.2845, 0.2824$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.0292, 0.3386, 0.3717$, and the grayscale version is $66.3484, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.7785, 0.2778, 0.2725$ is the 20% darker color. If you saturate the color by 10%, you get $50.8598, 0.2653, 0.2506$, and if you desaturate by 10%, it is $82.6271, 0.3017, 0.3108$.

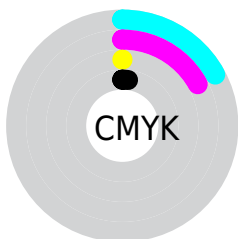
Distribution



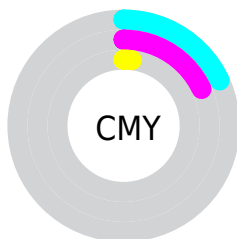
- Red (82%)
- Green (82%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4867, 0.2845, 0.2824 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 65.4867, 0.2845, 0.2824 by changing the saturation by 10% instead.

■ 65.4867, 0.2845,
0.2824

■ 65.4867, 0.2845,
0.2824

444.5389, 0.2978,
0.3038

■ 47.8558, 0.2814,
0.2776

112.7493, 0.2892,
0.2898

■ 33.7127, 0.2775,
0.2716

143.1498, 0.2910,
0.2927

■ 22.6730, 0.2726,
0.2641

178.5757, 0.2925,
0.2952

■ 14.3522, 0.2662,
0.2544

219.4113, 0.2939,
0.2973

■ 8.3661, 0.2573,
0.2414

266.0410, 0.2950,
0.2993

■ 4.3301, 0.2444,
0.2231

318.8492, 0.2961,

■ 1.8599, 0.2242,

0.3010

0.1957

378.2204, 0.2970,
0.3025

0.5241, 0.1898,
0.1410

0.0000, 0.0000,
0.0000

65.4867, 0.2845,
0.2824

65.4867, 0.2845,
0.2824

50.8598, 0.2653,
0.2506

82.6271, 0.3017,
0.3108

38.6206, 0.2444,
0.2161

99.7454, 0.3150,
0.3328

28.6450, 0.2226,
0.1802

20.7942, 0.2013,
0.1450

■ 14.9142, 0.1821,
0.1132

■ 10.8304, 0.1666,
0.0875

■ 8.3376, 0.1561,
0.0702

■ 7.1731, 0.1510,
0.0616

■ 6.9716, 0.1500,
0.0601

Harmonies

Analogous

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



65.4867, 0.2659, 0.2859



65.4867, 0.2845, 0.2824



65.4867, 0.3114, 0.2902

Triad

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



65.4867, 0.2845, 0.2824



65.4867, 0.3691, 0.3532



65.4867, 0.2853, 0.3519

Complementary

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



65.4867, 0.2845, 0.2824



94.0292, 0.3386, 0.3717

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.



65.4867, 0.3121, 0.3724



65.4867, 0.2845, 0.2824



65.4867, 0.3610, 0.3717

Square

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



65.4867, 0.2845, 0.2824



65.4867, 0.3612, 0.3298



65.4867, 0.3399, 0.3795



65.4867, 0.2663, 0.3251

Rectangle

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



65.4867, 0.2845, 0.2824



65.4867, 0.3306, 0.3008



65.4867, 0.3399, 0.3795



65.4867, 0.2936, 0.3599

Sweetspot

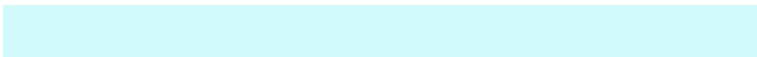
The Sweet Spot groups the original color and five complimentary colors.



65.4894, 0.2845, 0.2824



89.8035, 0.3051, 0.3165



89.3227, 0.2872, 0.3297



18.9267, 0.3040, 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.



65.4894, 0.2845, 0.2824



61.7122, 0.2773, 0.2705



68.6802, 0.2988, 0.2843



16.6463, 0.2979, 0.3045



3.6658, 0.1500, 0.0601



0.3406, 0.1501, 0.0603

Inverse Universe

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



70.1600, 0.3457, 0.3290



67.4846, 0.3552, 0.3291



90.4065, 0.3248, 0.3737



17.2256, 0.3294, 0.3290



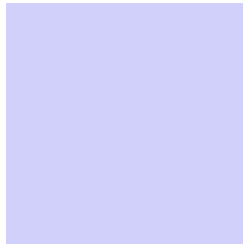
10.7810, 0.6400, 0.3299



0.9986, 0.6397, 0.3297

Previews

White Background



This preview shows how the Yxy color 65.4867, 0.2845, 0.2824 looks on a white background.

Color Contrast Check

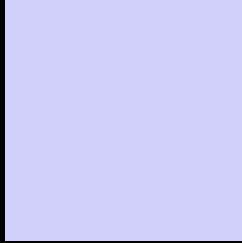
Large Text (above 18pt) WCAG AA × Fail

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 65.4867, 0.2845, 0.2824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

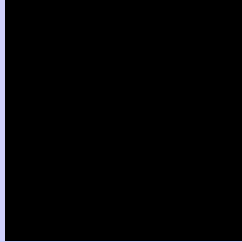
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.4867, 0.2845, 0.2824

Background



This preview shows how black text looks on a background with the Yxy color 65.4867, 0.2845, 0.2824.

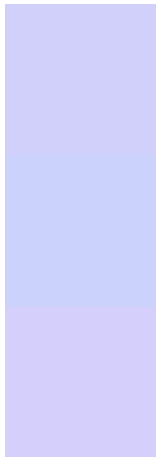


This preview shows how white text looks on a background with the Yxy color 65.4867, 0.2845, 0.2824.

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

65.4867, 0.2845, 0.2824

Protanopia

65.8180, 0.2807, 0.2832

Deuteranopia

65.5877, 0.2872, 0.2817



Tritanopia

65.5815, 0.2957, 0.3098

Trichromacy



Original Color

65.4867, 0.2845, 0.2824

Protanomaly

65.6083, 0.2820, 0.2822

Deuteranomaly

65.4396, 0.2865, 0.2816

Tritanomaly

65.6821, 0.2913, 0.3001

Monochromacy



Original Color

65.4867, 0.2845, 0.2824

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.9835, 0.3019, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4867, 0.2845, 0.2824 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, 208, 251)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 208, 251) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 65.4867, 0.2845, 0.2824 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, 208, 251) }
```

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

```
.border{ border-color:rgb(208, 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(208, 208, 251)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 65.4867, 0.2845, 0.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(208,  
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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