

Converting Colors

$Y_{xy}(65.7720, 0.3050, 0.2879)$

Have a look what the booklet for
Yxy(65.7720, 0.3050, 0.2879)
contains.

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Color

Yxy(65.7807, 0.3050, 0.2879)

Conversions

Conversions Part 1

Format	Color
Hex	E5CBF2
RGB	229, 203, 242
RGB Percent	90%, 80%, 95%
CMY	0.1021, 0.2039, 0.0510
CMYK	0.05, 0.16, 0.00, 0.05
HSL	280°, 60%, 87%
HSV	280°, 16%, 95%
XYZ	69.6878, 65.7807, 93.0161
YIQ	215.2200, 2.9770, 17.6410

Conversions

Conversions Part 2

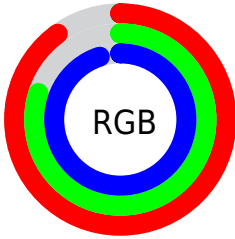
Format	Color
R _Y B	229, 203, 242
Decimal	15059954
CIE Lab	84.88, 16.01, -15.83
CIE LCh	85, 22.519, 315.328
Yxy	65.7807, 0.3050, 0.2879
Android (android.graphics.Color)	4293250034 (0xFFE5CBF2)
YUV	215.2200, 13.2025, 12.0851
Hunter-Lab	81.1053, 11.4376, -11.2233

Details

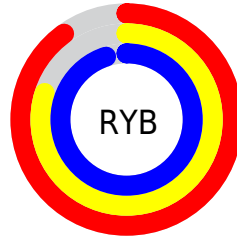
The Yxy color **65.7807, 0.3050, 0.2879** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.4114, 0.3192, 0.3713**, and the grayscale version is **68.0188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9243, 0.3024, 0.2785** is the 20% darker color. If you saturate the color by 10%, you get **53.9330, 0.2991, 0.2606**, and if you desaturate by 10%, it is **79.4797, 0.3100, 0.3139**.

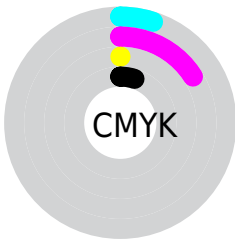
Distribution



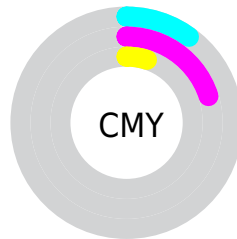
- Red (90%)
- Green (80%)
- Blue (95%)



- Red (90%)
- Yellow (80%)
- Blue (95%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)





- Cyan (10%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7807, 0.3050, 0.2879 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 65.7807, 0.3050, 0.2879 by changing the saturation by 10% instead.


 65.7807, 0.3050,
0.2879

 65.7807, 0.3050,
0.2879


445.5922, 0.3088,
0.3067

 48.0944, 0.3041,
0.2837

113.1715, 0.3064,
0.2944

 33.9017, 0.3029,
0.2785


143.6448, 0.3069,
0.2969

 22.8181, 0.3013,
0.2720


179.1493, 0.3074,
0.2991

 14.4592, 0.2992,
0.2635

220.0692, 0.3077,
0.3010

 8.4407, 0.2961,
0.2522

266.7891, 0.3081,
0.3027

 4.3782, 0.2915,
0.2362

319.6933, 0.3084,

 1.8873, 0.2835,

0.3042

0.2121

379.1662, 0.3086,
0.3055

0.5407, 0.2711,
0.1617

0.0000, 0.0000,
0.0000

65.7807, 0.3050,
0.2879

65.7807, 0.3050,
0.2879

53.9330, 0.2991,
0.2606

79.4797, 0.3100,
0.3139

43.8448, 0.2922,
0.2326

95.0995, 0.3143,
0.3383

35.4292, 0.2845,
0.2050

98.8525, 0.3191,
0.3415

28.5881, 0.2760,
0.1788

99.1899, 0.3203,
0.3415

■ 23.2131, 0.2670,
0.1553

■ 19.1818, 0.2579,
0.1356

■ 16.3510, 0.2488,
0.1207

■ 14.5434, 0.2402,
0.1109

■ 14.0071, 0.2369,
0.1079

Harmonies

Analogous

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



65.7807, 0.2797, 0.2825



65.7807, 0.3050, 0.2879



65.7807, 0.3335, 0.3030

Triad

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



65.7807, 0.3050, 0.2879



65.7807, 0.3637, 0.3680



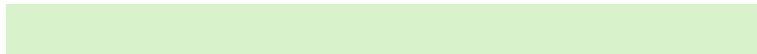
65.7807, 0.2699, 0.3312

Complementary

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



65.7807, 0.3050, 0.2879



82.4114, 0.3192, 0.3713

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.



65.7807, 0.2910, 0.3572



65.7807, 0.3050, 0.2879



65.7807, 0.3452, 0.3785

Square

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



65.7807, 0.3050, 0.2879



65.7807, 0.3683, 0.3481



65.7807, 0.3184, 0.3749



65.7807, 0.2602, 0.3060

Rectangle

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



65.7807, 0.3050, 0.2879



65.7807, 0.3503, 0.3169



65.7807, 0.3184, 0.3749



65.7807, 0.2759, 0.3402

Sweetspot

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



65.7835, 0.3050, 0.2879



91.3347, 0.3105, 0.3167



68.5572, 0.2871, 0.3011



19.2982, 0.3102, 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.



65.7835, 0.3050, 0.2879



69.9480, 0.3033, 0.2800



67.6587, 0.3187, 0.2949



15.7517, 0.3084, 0.3053



7.6035, 0.2383, 0.1086



0.6867, 0.2493, 0.1147

Inverse Universe

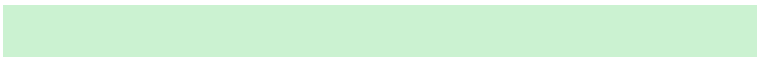
The Inverse Universe completely reimagines the original color for something new.



66.5537, 0.3334, 0.3154



70.9809, 0.3380, 0.3127



80.7911, 0.3072, 0.3657



15.8459, 0.3241, 0.3211



10.4812, 0.5638, 0.2879



0.8897, 0.5268, 0.2676

Previews

White Background



This preview shows how the Yxy color 65.7807, 0.3050, 0.2879 looks on a white background.

Color Contrast Check

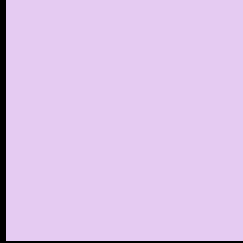
Large Text (above 18pt) WCAG AA × Fail

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 65.7807, 0.3050, 0.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

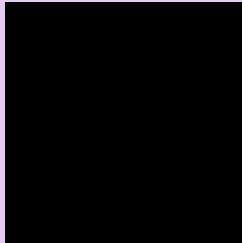
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.7807, 0.3050, 0.2879

Background



This preview shows how black text looks on a background with the Yxy color 65.7807, 0.3050, 0.2879.

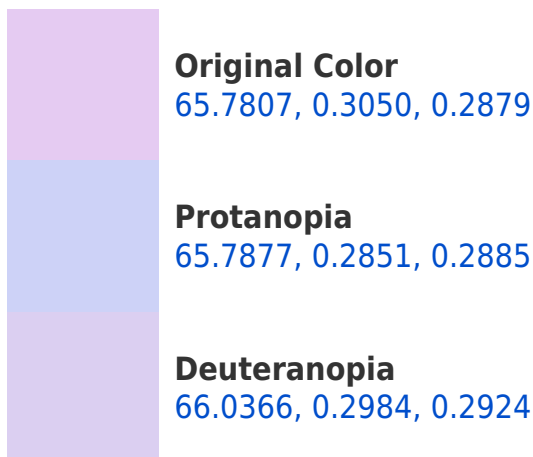


This preview shows how white text looks on a background with the Yxy color 65.7807, 0.3050, 0.2879.

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





Tritanopia

65.6391, 0.3158, 0.3106

Trichromacy



Original Color

65.7807, 0.3050, 0.2879

Protanomaly

65.5144, 0.2923, 0.2879

Deuteranomaly

66.1815, 0.3013, 0.2916

Tritanomaly

65.7067, 0.3117, 0.3021

Monochromacy



Original Color

65.7807, 0.3050, 0.2879

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.2404, 0.3098, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7807, 0.3050, 0.2879 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(229, 203, 242)` looks like.

```
.text, #text, p{  
    color:rgb(229, 203, 242)  
}
```

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(229, 203, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 203, 242) }
```

Border

The CSS property to change the border of an element to Yxy 65.7807, 0.3050, 0.2879 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(229, 203, 242) }
```

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

```
.border{ border-color:rgb(229, 203, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 203, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 203, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 203, 242);  
box-shadow:4px 4px 4px 4px rgb(229, 203,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7807, 0.3050, 0.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 203, 242) }
```

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

```
.background{ background-color: rgb(229,  
203, 242) }
```

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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