

Converting Colors

Yxy(61.1668, 0.2913, 0.2807)

Have a look what the booklet for
Yxy(61.1668, 0.2913, 0.2807)
contains.

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Color

Yxy(61.1668, 0.2913, 0.2807)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D3C7F3 |
| RGB | 211, 199, 243 |
| RGB Percent | 83%, 78%, 95% |
| CMY | 0.1724, 0.2197, 0.0470 |
| CMYK | 0.13, 0.18, 0.00, 0.05 |
| HSL | 256°, 65%, 87% |
| HSV | 256°, 18%, 95% |
| XYZ | 63.4766, 61.1668, 93.2647 |
| YIQ | 207.6040, -6.9720, 16.2280 |

Conversions

Conversions Part 2

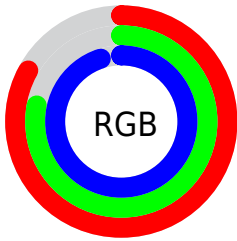
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 211, 199, 243 |
| Decimal | 13879283 |
| CIE _{Lab} | 82.47, 12.61, -20.17 |
| CIE _{LCh} | 82, 23.787, 302.027 |
| Y _{xy} | 61.1668, 0.2913, 0.2807 |
| Android (android.graphics.Color) | 4292069363 (0xFFD3C7F3) |
| Y _{UV} | 207.6040, 17.4502, 2.9783 |
| Hunter-Lab | 78.2092, 8.0091, -15.9570 |

Details

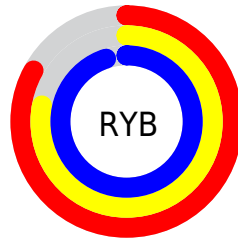
The Yxy color **61.1668, 0.2913, 0.2807** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.2132, 0.3317, 0.3754**, and the grayscale version is **62.7008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.9066, 0.2854, 0.2688** is the 20% darker color. If you saturate the color by 10%, you get **48.4008, 0.2770, 0.2504**, and if you desaturate by 10%, it is **76.0095, 0.3038, 0.3085**.

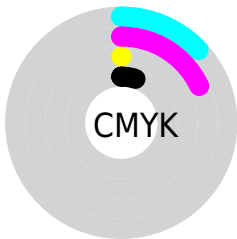
Distribution



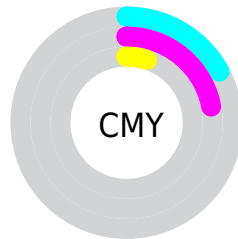
- Red (83%)
- Green (78%)
- Blue (95%)



- Red (83%)
- Yellow (78%)
- Blue (95%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1668, 0.2913, 0.2807 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 61.1668, 0.2913, 0.2807 by changing the saturation by 10% instead.

61.1668, 0.2913,
0.2807

61.1668, 0.2913,
0.2807

428.8853, 0.3017,
0.3030

44.3598, 0.2888,
0.2756

106.5204, 0.2950,
0.2884

30.9535, 0.2857,
0.2693

135.8358, 0.2964,
0.2915

20.5634, 0.2817,
0.2614

170.0895, 0.2976,
0.2941

12.8053, 0.2763,
0.2511

209.6658, 0.2986,
0.2963

7.2946, 0.2688,
0.2372

254.9491, 0.2995,
0.2983

3.6470, 0.2575,
0.2174

306.3239, 0.3003,

1.4781, 0.2391,

0.3001

0.1875

364.1745, 0.3010,
0.3016

0.2733, 0.2060,
0.0992

0.0000, 0.0000,
0.0000

61.1668, 0.2913,
0.2807

61.1668, 0.2913,
0.2807

48.4008, 0.2770,
0.2504

76.0095, 0.3038,
0.3085

37.6101, 0.2612,
0.2183

93.0090, 0.3146,
0.3335

28.6962, 0.2440,
0.1853

99.2519, 0.3197,
0.3405

21.5487, 0.2261,
0.1532

■ 16.0458, 0.2085,
0.1239

■ 12.0492, 0.1922,
0.0994

■ 9.3972, 0.1783,
0.0813

■ 7.8697, 0.1675,
0.0703

■ 7.6503, 0.1657,
0.0687

Harmonies

Analogous

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



61.1668, 0.2679, 0.2802



61.1668, 0.2913, 0.2807



61.1668, 0.3216, 0.2927

Triad

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



61.1668, 0.2913, 0.2807



61.1668, 0.3723, 0.3623



61.1668, 0.2753, 0.3443

Complementary

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



61.1668, 0.2913, 0.2807



85.2132, 0.3317, 0.3754

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.



61.1668, 0.3018, 0.3698



61.1668, 0.2913, 0.2807



61.1668, 0.3583, 0.3792

Square

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



61.1668, 0.2913, 0.2807



61.1668, 0.3696, 0.3383



61.1668, 0.3322, 0.3827



61.1668, 0.2590, 0.3153

Rectangle

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



61.1668, 0.2913, 0.2807



61.1668, 0.3417, 0.3057



61.1668, 0.3322, 0.3827



61.1668, 0.2832, 0.3537

Sweetspot

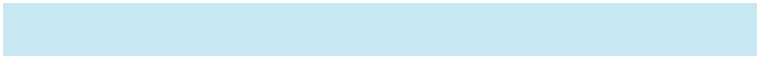
The Sweet Spot groups the original color and five complimentary colors.



61.1693, 0.2913, 0.2807



90.4196, 0.3073, 0.3165



75.9174, 0.2847, 0.3161



19.0759, 0.3066, 0.3147



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.



61.1693, 0.2913, 0.2807



62.3576, 0.2859, 0.2690



64.5932, 0.3072, 0.2829



16.1464, 0.3022, 0.3048



4.2553, 0.1671, 0.0694



0.4229, 0.1797, 0.0764

Inverse Universe

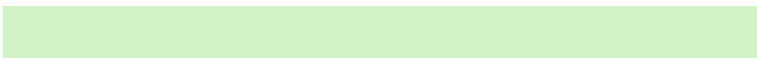
The Inverse Universe completely reimagines the original color for something new.



65.6652, 0.3236, 0.2959



68.3302, 0.3263, 0.2884



81.8257, 0.3171, 0.3775



16.6863, 0.3180, 0.3120



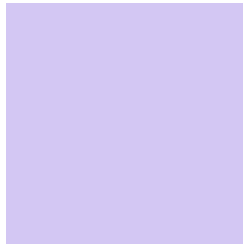
12.2114, 0.4050, 0.2005



1.0905, 0.3920, 0.1933

Previews

White Background



This preview shows how the Yxy color 61.1668, 0.2913, 0.2807 looks on a white background.

Color Contrast Check

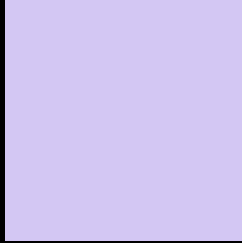
Large Text (above 18pt) WCAG AA × Fail

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 61.1668, 0.2913, 0.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

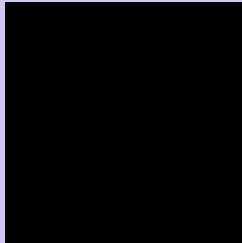
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1668, 0.2913, 0.2807

Background



This preview shows how black text looks on a background with the Yxy color 61.1668, 0.2913, 0.2807.

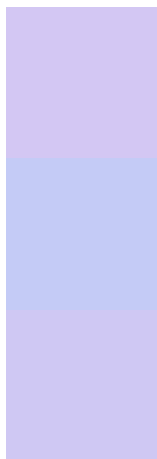


This preview shows how white text looks on a background with the Yxy color 61.1668, 0.2913, 0.2807.

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

61.1668, 0.2913, 0.2807

Protanopia

61.1015, 0.2792, 0.2807

Deuteranopia

61.0450, 0.2885, 0.2815



Tritanopia

61.0917, 0.3045, 0.3107

Trichromacy



Original Color

61.1668, 0.2913, 0.2807

Protanomaly

61.2511, 0.2831, 0.2811

Deuteranomaly

61.1895, 0.2892, 0.2816

Tritanomaly

61.2524, 0.2991, 0.2997

Monochromacy



Original Color

61.1668, 0.2913, 0.2807

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.4384, 0.3046, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1668, 0.2913, 0.2807 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(211, 199, 243)` looks like.

```
.text, #text, p{  
    color:rgb(211, 199, 243)  
}
```

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(211, 199, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 199, 243) }
```

Border

The CSS property to change the border of an element to Yxy 61.1668, 0.2913, 0.2807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

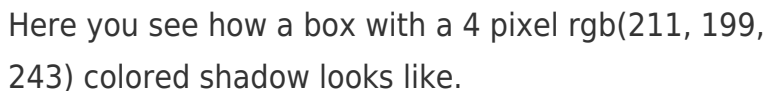
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 199, 243) }
```

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

```
.border{ border-color:rgb(211, 199, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(211, 199, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 199, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 199, 243);  
box-shadow:4px 4px 4px 4px rgb(211, 199,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1668, 0.2913, 0.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 199, 243) }
```

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

```
.background{ background-color: rgb(211,  
199, 243) }
```

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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