

Converting Colors

Yxy(61.8951, 0.2882, 0.2739)

Have a look what the booklet for
Yxy(61.8951, 0.2882, 0.2739)
contains.

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Color

Yxy(61.8951, 0.2882, 0.2739)

Conversions

Conversions Part 1

Format	Color
Hex	D5C7FA
RGB	213, 199, 250
RGB Percent	84%, 78%, 98%
CMY	0.1646, 0.2196, 0.0196
CMYK	0.15, 0.20, 0.00, 0.02
HSL	257°, 84%, 88%
HSV	257°, 20%, 98%
XYZ	65.1266, 61.8951, 98.9553
YIQ	209.0000, -8.0270, 18.8290

Conversions

Conversions Part 2

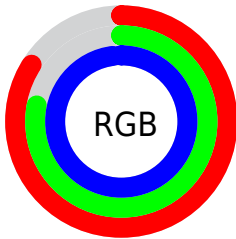
Format	Color
R _Y B	213, 199, 250
Decimal	14010362
CIE Lab	82.86, 14.69, -23.28
CIE LCh	83, 27.530, 302.252
Yxy	61.8951, 0.2882, 0.2739
Android (android.graphics.Color)	4292200442 (0xFFD5C7FA)
YUV	209.0000, 20.2130, 3.5080
Hunter-Lab	78.6734, 10.0854, -19.5035

Details

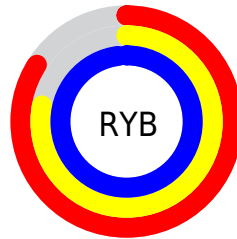
The Yxy color **61.8951, 0.2882, 0.2739** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.3193, 0.3341, 0.3816**, and the grayscale version is **63.6344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3702, 0.2822, 0.2615** is the 20% darker color. If you saturate the color by 10%, you get **48.7633, 0.2736, 0.2431**, and if you desaturate by 10%, it is **77.2244, 0.3011, 0.3023**.

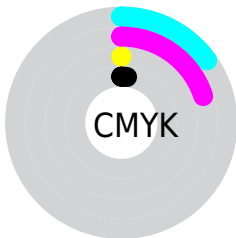
Distribution



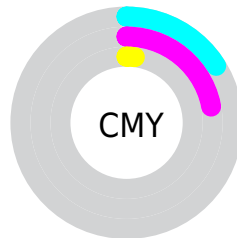
- Red (84%)
- Green (78%)
- Blue (98%)



- Red (84%)
- Yellow (78%)
- Blue (98%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8951, 0.2882, 0.2739 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 61.8951, 0.2882, 0.2739 by changing the saturation by 10% instead.

61.8951, 0.2882,
0.2739

61.8951, 0.2882,
0.2739

431.5483, 0.3000,
0.2992

44.9479, 0.2854,
0.2682

107.5739, 0.2924,
0.2826

31.4164, 0.2819,
0.2612

137.0743, 0.2940,
0.2860

20.9161, 0.2773,
0.2524

171.5280, 0.2954,
0.2890

13.0627, 0.2713,
0.2410

211.3193, 0.2966,
0.2915

7.4718, 0.2628,
0.2258

256.8325, 0.2976,
0.2938

3.7588, 0.2503,
0.2046

308.4522, 0.2985,

1.5396, 0.2301,

0.2958

0.1732

366.5627, 0.2993,
0.2976

0.3164, 0.1974,
0.0947

0.0000, 0.0000,
0.0000

61.8951, 0.2882,
0.2739

61.8951, 0.2882,
0.2739

48.7633, 0.2736,
0.2431

77.2244, 0.3011,
0.3023

37.7191, 0.2573,
0.2106

94.8388, 0.3123,
0.3280

28.6548, 0.2399,
0.1777

99.6821, 0.3156,
0.3338

21.4498, 0.2221,
0.1460

■ 15.9696, 0.2046,
0.1176

■ 12.0615, 0.1888,
0.0945

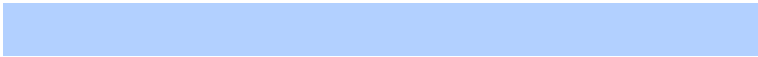
■ 9.5440, 0.1755,
0.0781

■ 8.1612, 0.1658,
0.0687

Harmonies

Analogous

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



61.8951, 0.2614, 0.2730



61.8951, 0.2882, 0.2739



61.8951, 0.3230, 0.2877

Triad

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



61.8951, 0.2882, 0.2739



61.8951, 0.3813, 0.3671



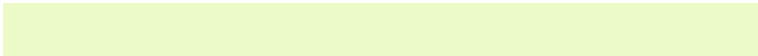
61.8951, 0.2694, 0.3463

Complementary

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



61.8951, 0.2882, 0.2739



90.3193, 0.3341, 0.3816

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.



61.8951, 0.2997, 0.3763



61.8951, 0.2882, 0.2739



61.8951, 0.3648, 0.3868

Square

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



61.8951, 0.2882, 0.2739



61.8951, 0.3785, 0.3395



61.8951, 0.3347, 0.3912



61.8951, 0.2511, 0.3127

Rectangle

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



61.8951, 0.2882, 0.2739



61.8951, 0.3463, 0.3024



61.8951, 0.3347, 0.3912



61.8951, 0.2785, 0.3573

Sweetspot

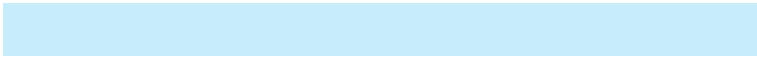
The Sweet Spot groups the original color and five complimentary colors.



61.8977, 0.2882, 0.2739



88.5812, 0.3062, 0.3140



79.2635, 0.2812, 0.3143



18.7054, 0.3055, 0.3123



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.



61.8977, 0.2882, 0.2739



59.5119, 0.2831, 0.2630



65.9401, 0.3063, 0.2768



16.8742, 0.3022, 0.3048



4.3900, 0.1671, 0.0694



0.4569, 0.1791, 0.0760

Inverse Universe

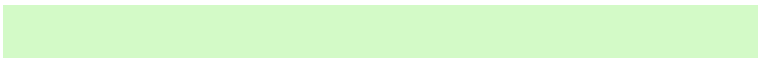
The Inverse Universe completely reimagines the original color for something new.



67.2213, 0.3252, 0.2916



65.9364, 0.3279, 0.2847



86.3274, 0.3176, 0.3844



17.4382, 0.3180, 0.3120



12.5793, 0.4056, 0.2008



1.1829, 0.3931, 0.1939

Previews

White Background



This preview shows how the Yxy color 61.8951, 0.2882, 0.2739 looks on a white background.

Color Contrast Check

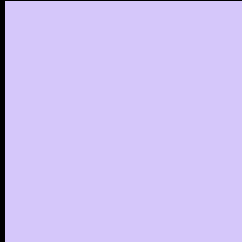
Large Text (above 18pt) WCAG AA × Fail

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 61.8951, 0.2882, 0.2739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

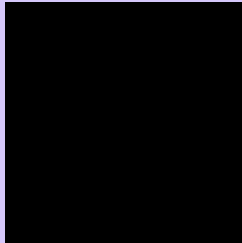
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8951, 0.2882, 0.2739

Background



This preview shows how black text looks on a background with the Yxy color 61.8951, 0.2882, 0.2739.

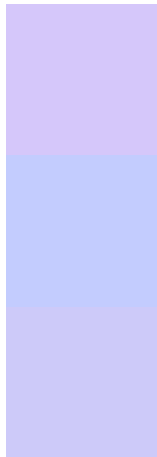


This preview shows how white text looks on a background with the Yxy color 61.8951, 0.2882, 0.2739.

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

61.8951, 0.2882, 0.2739

Protanopia

61.9436, 0.2738, 0.2736

Deuteranopia

62.0597, 0.2834, 0.2774



Tritanopia

61.7629, 0.3046, 0.3108

Trichromacy



Original Color

61.8951, 0.2882, 0.2739

Protanomaly

61.8895, 0.2789, 0.2731

Deuteranomaly

62.0227, 0.2854, 0.2766

Tritanomaly

61.7122, 0.2986, 0.2966

Monochromacy



Original Color

61.8951, 0.2882, 0.2739

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.7461, 0.3033, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8951, 0.2882, 0.2739 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(213, 199, 250)` looks like.

```
.text, #text, p{  
    color:rgb(213, 199, 250)  
}
```

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(213, 199, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 199, 250) }
```

Border

The CSS property to change the border of an element to Yxy 61.8951, 0.2882, 0.2739 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(213, 199, 250) }
```

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

```
.border{ border-color:rgb(213, 199, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 199, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 199, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 199, 250);  
box-shadow:4px 4px 4px 4px rgb(213, 199,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8951, 0.2882, 0.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 199, 250) }
```

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

```
.background{ background-color: rgb(213,  
199, 250) }
```

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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