

Converting Colors

$Yxy(67.6369, 0.2372, 0.1867)$

Have a look what the booklet for
Yxy(67.6369, 0.2372, 0.1867)
contains.

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Color

Yxy(59.3870, 0.2882, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	DABFFF
RGB	218, 191, 255
RGB Percent	85%, 75%, 100%
CMY	0.1450, 0.2510, 0.0000
CMYK	0.15, 0.25, 0.00, 0.00
HSL	265°, 100%, 87%
HSV	265°, 25%, 100%
XYZ	65.6011, 59.3870, 102.6355
YIQ	206.3690, -4.4520, 25.6280

Conversions

Conversions Part 2

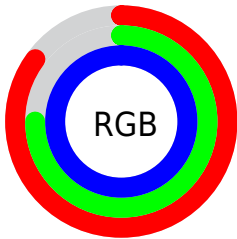
Format	Color
R _Y B	218, 191, 255
Decimal	14335999
CIE _{Lab}	81.50, 21.59, -27.99
CIE _{LCh}	82, 35.351, 307.651
Yxy	59.3870, 0.2882, 0.2609
Android (android.graphics.Color)	4292526079 (0xFFDABFFF)
YUV	206.3690, 23.9751, 10.2004
Hunter-Lab	77.0630, 17.0909, -25.0207

Details

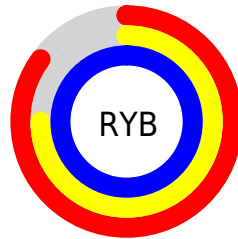
The Yxy color $59.3870, 0.2882, 0.2609$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $91.7716, 0.3328, 0.3958$, and the grayscale version is $61.8167, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $29.6499, 0.2812, 0.2450$ is the 20% darker color. If you saturate the color by 10%, you get $47.0457, 0.2759, 0.2305$, and if you desaturate by 10%, it is $73.8677, 0.2991, 0.2897$.

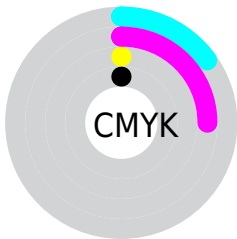
Distribution



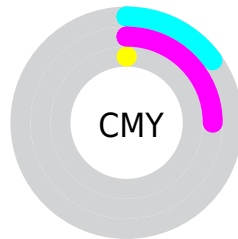
- Red (85%)
- Green (75%)
- Blue (100%)



- Red (85%)
- Yellow (75%)
- Blue (100%)



- Cyan (15%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




- Cyan (15%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3870, 0.2882, 0.2609 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 59.3870, 0.2882, 0.2609 by changing the saturation by 10% instead.


 59.3870, 0.2882,
0.2609

 59.3870, 0.2882,
0.2609


422.3346, 0.3003,
0.2919

 42.9247, 0.2853,
0.2540


 103.9399, 0.2925,
0.2715

 29.8261, 0.2816,
0.2455

132.7994, 0.2942,
0.2757

 19.7066, 0.2768,
0.2349


166.5600, 0.2956,
0.2793

 12.1820, 0.2704,
0.2214

205.6062, 0.2968,
0.2825

 6.8677, 0.2613,
0.2035

250.3223, 0.2978,
0.2853

 3.3795, 0.2478,
0.1790

301.0929, 0.2988,

 1.3329, 0.2260,

0.2877

0.1439

358.3021, 0.2996,
0.2899

0.1665, 0.1941,
0.0472

0.0000, 0.0000,
0.0000

59.3870, 0.2882,
0.2609

59.3870, 0.2882,
0.2609

47.0457, 0.2759,
0.2305

73.8677, 0.2991,
0.2897

36.7361, 0.2622,
0.1994

90.5839, 0.3085,
0.3163

28.3442, 0.2476,
0.1689

100.0000, 0.3127,
0.3290

21.7433, 0.2325,
0.1407

■ 16.7908, 0.2176,
0.1163

■ 13.3213, 0.2037,
0.0973

■ 11.1319, 0.1915,
0.0845

■ 10.3869, 0.1862,
0.0800

Harmonies

Analogous

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



59.3870, 0.2517, 0.2561



59.3870, 0.2882, 0.2609



59.3870, 0.3341, 0.2808

Triad

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



59.3870, 0.2882, 0.2609



59.3870, 0.3997, 0.3826



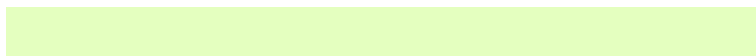
59.3870, 0.2511, 0.3431

Complementary

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



59.3870, 0.2882, 0.2609



91.7716, 0.3328, 0.3958

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.



59.3870, 0.2874, 0.3856



59.3870, 0.2882, 0.2609



59.3870, 0.3737, 0.4067

Square

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



59.3870, 0.2882, 0.2609



59.3870, 0.4013, 0.3479



59.3870, 0.3323, 0.4095



59.3870, 0.2316, 0.2996

Rectangle

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



59.3870, 0.2882, 0.2609



59.3870, 0.3638, 0.3005



59.3870, 0.3323, 0.4095



59.3870, 0.2617, 0.3583

Sweetspot

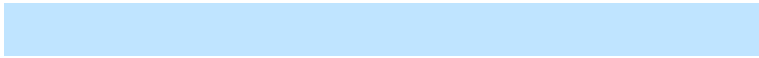
The Sweet Spot groups the original color and five complimentary colors.



59.3877, 0.2882, 0.2609



85.5005, 0.3059, 0.3089



73.9650, 0.2731, 0.2999



17.7525, 0.3045, 0.3049



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.



59.3877, 0.2882, 0.2609



53.0792, 0.2824, 0.2462



64.7419, 0.3116, 0.2655



17.7525, 0.3045, 0.3049



5.5107, 0.1879, 0.0809



0.5992, 0.2005, 0.0878

Inverse Universe

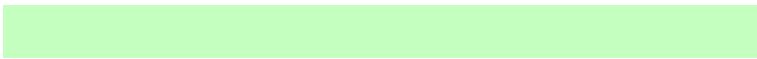
The Inverse Universe completely reimagines the original color for something new.



64.1196, 0.3360, 0.2916



58.6118, 0.3418, 0.2840



87.0613, 0.3126, 0.4001



18.1631, 0.3203, 0.3154



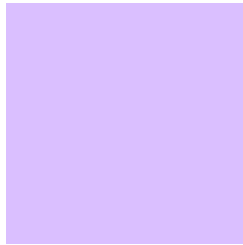
12.2456, 0.4636, 0.2328



1.2142, 0.4428, 0.2213

Previews

White Background



This preview shows how the Yxy color 59.3870, 0.2882, 0.2609 looks on a white background.

Color Contrast Check

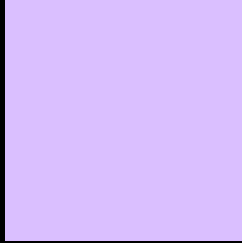
Large Text (above 18pt) WCAG AA × Fail

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 59.3870, 0.2882, 0.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

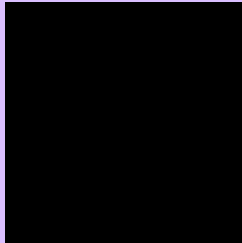
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3870, 0.2882, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 59.3870, 0.2882, 0.2609.

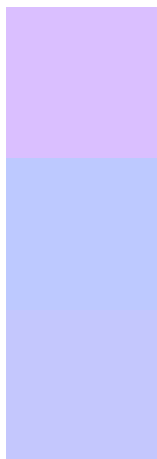


This preview shows how white text looks on a background with the Yxy color 59.3870, 0.2882, 0.2609.

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

59.3870, 0.2882, 0.2609

Protanopia

59.8121, 0.2690, 0.2685

Deuteranopia

59.6745, 0.2746, 0.2690



Tritanopia

59.5508, 0.3112, 0.3119

Trichromacy



Original Color

59.3870, 0.2882, 0.2609

Protanomaly

59.4319, 0.2759, 0.2652

Deuteranomaly

59.4730, 0.2792, 0.2656

Tritanomaly

59.4331, 0.3029, 0.2922

Monochromacy



Original Color

59.3870, 0.2882, 0.2609

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.8567, 0.3033, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3870, 0.2882, 0.2609 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(218, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 191, 255)  
}
```

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(218, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.3870, 0.2882, 0.2609 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(218, 191, 255) }
```

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

```
.border{ border-color:rgb(218, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3870, 0.2882, 0.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 191, 255) }
```

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

```
.background{ background-color: rgb(218,  
191, 255) }
```

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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