

Converting Colors

$Yxy(60.1422, 0.2872, 0.2632)$

Have a look what the booklet for
Yxy(60.1422, 0.2872, 0.2632)
contains.

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Color

Yxy(59.9589, 0.2868, 0.2628)

Conversions

Conversions Part 1

Format	Color
Hex	D8C1FF
RGB	216, 193, 255
RGB Percent	85%, 76%, 100%
CMY	0.1531, 0.2431, 0.0000
CMYK	0.15, 0.24, 0.00, 0.00
HSL	262°, 100%, 88%
HSV	262°, 24%, 100%
XYZ	65.4346, 59.9589, 102.7606
YIQ	206.9450, -6.1940, 24.1580

Conversions

Conversions Part 2

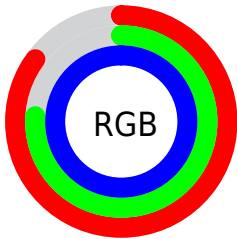
Format	Color
R _Y B	216, 193, 255
Decimal	14205439
CIE Lab	81.82, 19.88, -27.53
CIE LCh	82, 33.956, 305.827
Yxy	59.9589, 0.2868, 0.2628
Android (android.graphics.Color)	4292395519 (0xFFD8C1FF)
YUV	206.9450, 23.6911, 7.9412
Hunter-Lab	77.4331, 15.3328, -24.4799

Details

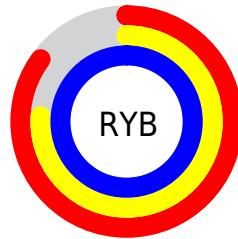
The Yxy color **59.9589, 0.2868, 0.2628** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.5351, 0.3343, 0.3931**, and the grayscale version is **62.2043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **30.1195, 0.2804, 0.2475** is the 20% darker color. If you saturate the color by 10%, you get **47.3121, 0.2735, 0.2321**, and if you desaturate by 10%, it is **74.7890, 0.2986, 0.2918**.

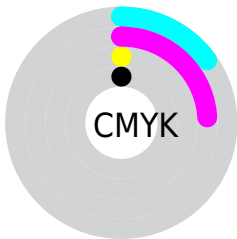
Distribution



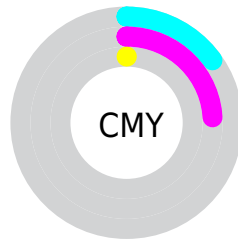
- Red (85%)
- Green (76%)
- Blue (100%)



- Red (85%)
- Yellow (76%)
- Blue (100%)



- Cyan (15%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9589, 0.2868, 0.2628 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 59.9589, 0.2868, 0.2628 by changing the saturation by 10% instead.

 59.9589, 0.2868,
0.2628

 59.9589, 0.2868,
0.2628


424.4463, 0.2995,
0.2930

 43.3855, 0.2838,
0.2560


 104.7700, 0.2913,
0.2732

 30.1877, 0.2799,
0.2478


133.7766, 0.2931,
0.2772

 19.9811, 0.2749,
0.2375


167.6963, 0.2945,
0.2807

 12.3813, 0.2683,
0.2242

206.9136, 0.2958,
0.2838

 7.0039, 0.2590,
0.2067

251.8128, 0.2969,
0.2865

 3.4646, 0.2452,
0.1827

302.7784, 0.2979,

 1.3788, 0.2230,

0.2889

0.1481

360.1948, 0.2987,
0.2911

0.2010, 0.1896,
0.0564

0.0000, 0.0000,
0.0000

59.9589, 0.2868,
0.2628

59.9589, 0.2868,
0.2628

47.3121, 0.2735,
0.2321

74.7890, 0.2986,
0.2918

36.7412, 0.2588,
0.2003

91.9007, 0.3088,
0.3183

28.1308, 0.2430,
0.1690

100.0000, 0.3127,
0.3290

21.3536, 0.2268,
0.1396

■ 16.2663, 0.2110,
0.1142

■ 12.7037, 0.1965,
0.0942

■ 10.4643, 0.1840,
0.0807

■ 9.6214, 0.1780,
0.0754

Harmonies

Analogous

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



59.9589, 0.2525, 0.2593



59.9589, 0.2868, 0.2628



59.9589, 0.3306, 0.2812

Triad

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



59.9589, 0.2868, 0.2628



59.9589, 0.3968, 0.3788



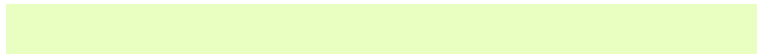
59.9589, 0.2554, 0.3452

Complementary

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



59.9589, 0.2868, 0.2628



92.5351, 0.3343, 0.3931

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.



59.9589, 0.2911, 0.3850



59.9589, 0.2868, 0.2628



59.9589, 0.3733, 0.4025

Square

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



59.9589, 0.2868, 0.2628



59.9589, 0.3967, 0.3452



59.9589, 0.3342, 0.4065



59.9589, 0.2354, 0.3033

Rectangle

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



59.9589, 0.2868, 0.2628



59.9589, 0.3593, 0.2998



59.9589, 0.3342, 0.4065



59.9589, 0.2659, 0.3596

Sweetspot

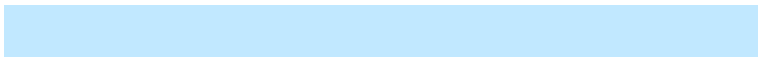
The Sweet Spot groups the original color and five complimentary colors.



59.9591, 0.2868, 0.2628



87.0652, 0.3062, 0.3114



76.4254, 0.2747, 0.3043



18.4085, 0.3056, 0.3099



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.



59.9591, 0.2868, 0.2628



53.7603, 0.2808, 0.2486



65.0919, 0.3094, 0.2671



17.7052, 0.3037, 0.3048



5.1049, 0.1796, 0.0763



0.5567, 0.1920, 0.0831

Inverse Universe

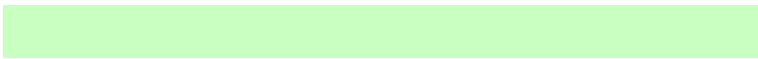
The Inverse Universe completely reimagines the original color for something new.



65.2349, 0.3326, 0.2897



59.9085, 0.3375, 0.2819



87.8270, 0.3145, 0.3972



18.1796, 0.3195, 0.3141



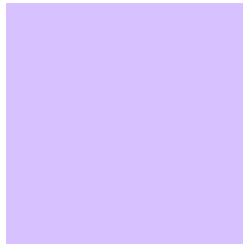
12.4756, 0.4423, 0.2210



1.2358, 0.4247, 0.2113

Previews

White Background



This preview shows how the Yxy color 59.9589, 0.2868, 0.2628 looks on a white background.

Color Contrast Check

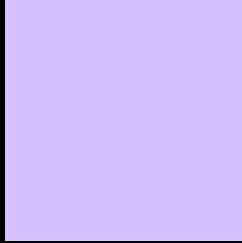
Large Text (above 18pt) WCAG AA × Fail

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 59.9589, 0.2868, 0.2628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

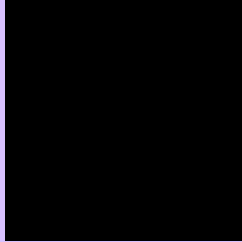
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9589, 0.2868, 0.2628

Background



This preview shows how black text looks on a background with the Yxy color 59.9589, 0.2868, 0.2628.

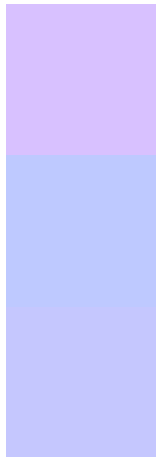


This preview shows how white text looks on a background with the Yxy color 59.9589, 0.2868, 0.2628.

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

59.9589, 0.2868, 0.2628

Protanopia

59.9404, 0.2697, 0.2686

Deuteranopia

59.8729, 0.2747, 0.2681



Tritanopia

59.8217, 0.3082, 0.3107

Trichromacy



Original Color

59.9589, 0.2868, 0.2628

Protanomaly

59.7503, 0.2754, 0.2662

Deuteranomaly

59.9256, 0.2793, 0.2667

Tritanomaly

59.6427, 0.3007, 0.2921

Monochromacy



Original Color

59.9589, 0.2868, 0.2628

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.3245, 0.3033, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9589, 0.2868, 0.2628 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(216, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 193, 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(216, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.9589, 0.2868, 0.2628 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(216, 193, 255) }
```

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

```
.border{ border-color:rgb(216, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9589, 0.2868, 0.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 193, 255) }
```

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

```
.background{ background-color: rgb(216,  
193, 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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