

Converting Colors

$Yxy(60.2854, 0.2758, 0.2507)$

Have a look what the booklet for
Yxy(60.2854, 0.2758, 0.2507)
contains.

Yxy(59.2088, 0.2833, 0.2622)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.2088, 0.2833, 0.2622)

Conversions

Conversions Part 1

Format	Color
Hex	D3C1FF
RGB	211, 193, 255
RGB Percent	83%, 76%, 100%
CMY	0.1726, 0.2431, 0.0001
CMYK	0.17, 0.24, 0.00, 0.00
HSL	257°, 100%, 88%
HSV	257°, 24%, 100%
XYZ	63.9735, 59.2088, 102.6331
YIQ	205.4500, -9.1740, 23.0980

Conversions

Conversions Part 2

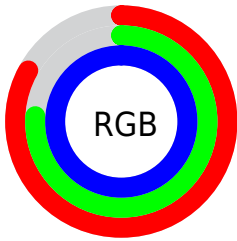
Format	Color
R _Y B	211, 193, 255
Decimal	13877759
CIE Lab	81.41, 18.33, -28.16
CIE LCh	81, 33.597, 303.065
Yxy	59.2088, 0.2833, 0.2622
Android (android.graphics.Color)	4292067839 (0xFFD3C1FF)
YUV	205.4500, 24.4282, 4.8674
Hunter-Lab	76.9473, 13.7462, -25.2186

Details

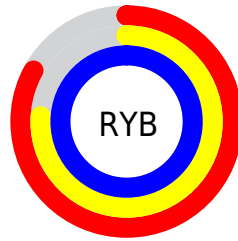
The Yxy color **59.2088, 0.2833, 0.2622** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.3538, 0.3375, 0.3924**, and the grayscale version is **61.1968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **29.6104, 0.2758, 0.2465** is the 20% darker color. If you saturate the color by 10%, you get **46.3674, 0.2683, 0.2307**, and if you desaturate by 10%, it is **74.2995, 0.2966, 0.2916**.

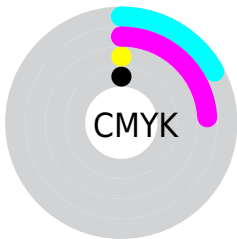
Distribution



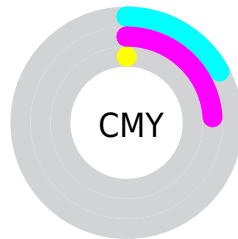
- Red (83%)
- Green (76%)
- Blue (100%)



- Red (83%)
- Yellow (76%)
- Blue (100%)



- Cyan (17%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (17%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2088, 0.2833, 0.2622 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 59.2088, 0.2833, 0.2622 by changing the saturation by 10% instead.


 59.2088, 0.2833,
0.2622

 59.2088, 0.2833,
0.2622

421.6753, 0.2976,
0.2928

 42.7812, 0.2799,
0.2553


 103.6811, 0.2884,
0.2727

 29.7135, 0.2756,
0.2469


132.4946, 0.2904,
0.2768

 19.6212, 0.2700,
0.2364


166.2055, 0.2920,
0.2804

 12.1200, 0.2626,
0.2230

205.1982, 0.2935,
0.2835

 6.8255, 0.2522,
0.2051

249.8572, 0.2947,
0.2862

 3.3532, 0.2369,
0.1805

300.5667, 0.2958,

 1.3188, 0.2126,

0.2887

0.1451

357.7113, 0.2968,
0.2908

0.1557, 0.1736,
0.0454

0.0000, 0.0000,
0.0000

59.2088, 0.2833,
0.2622

59.2088, 0.2833,
0.2622

46.3674, 0.2683,
0.2307

74.2995, 0.2966,
0.2916

35.6582, 0.2518,
0.1980

91.7341, 0.3082,
0.3183

26.9649, 0.2344,
0.1655

99.9977, 0.3127,
0.3290

20.1563, 0.2168,
0.1350

■ 15.0855, 0.2000,
0.1086

■ 11.5829, 0.1851,
0.0881

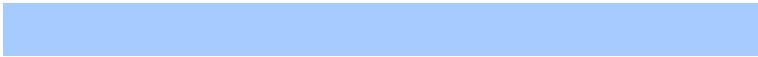
■ 9.4425, 0.1729,
0.0746

■ 8.6700, 0.1673,
0.0695

Harmonies

Analogous

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



59.2088, 0.2505, 0.2602



59.2088, 0.2833, 0.2622



59.2088, 0.3264, 0.2792

Triad

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



59.2088, 0.2833, 0.2622



59.2088, 0.3974, 0.3757



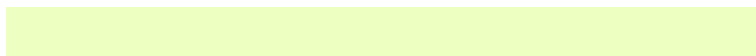
59.2088, 0.2585, 0.3491

Complementary

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



59.2088, 0.2833, 0.2622



93.3538, 0.3375, 0.3924

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.



59.2088, 0.2950, 0.3876



59.2088, 0.2833, 0.2622



59.2088, 0.3759, 0.4006

Square

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



59.2088, 0.2833, 0.2622



59.2088, 0.3949, 0.3419



59.2088, 0.3381, 0.4066



59.2088, 0.2369, 0.3070

Rectangle

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



59.2088, 0.2833, 0.2622



59.2088, 0.3552, 0.2972



59.2088, 0.3381, 0.4066



59.2088, 0.2693, 0.3632

Sweetspot

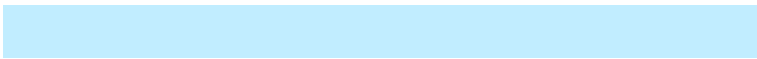
The Sweet Spot groups the original color and five complimentary colors.



59.2112, 0.2833, 0.2622



86.8100, 0.3053, 0.3114



79.3653, 0.2752, 0.3100



18.3494, 0.3046, 0.3098



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.



59.2112, 0.2833, 0.2622



52.9127, 0.2764, 0.2476



64.1623, 0.3055, 0.2664



17.6328, 0.3024, 0.3047



4.5974, 0.1688, 0.0703



0.5006, 0.1804, 0.0767

Inverse Universe

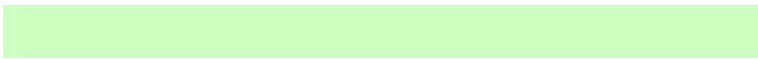
The Inverse Universe completely reimagines the original color for something new.



65.5162, 0.3288, 0.2850



60.2435, 0.3327, 0.2762



88.5331, 0.3177, 0.3965



18.2053, 0.3183, 0.3123



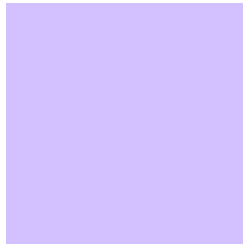
12.8809, 0.4111, 0.2038



1.2732, 0.3983, 0.1968

Previews

White Background



This preview shows how the Yxy color 59.2088, 0.2833, 0.2622 looks on a white background.

Color Contrast Check

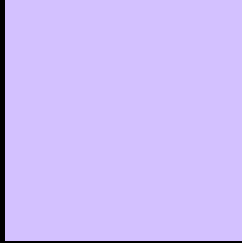
Large Text (above 18pt) WCAG AA × Fail

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 59.2088, 0.2833, 0.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

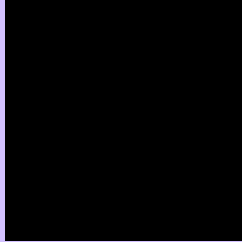
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2088, 0.2833, 0.2622

Background



This preview shows how black text looks on a background with the Yxy color 59.2088, 0.2833, 0.2622.

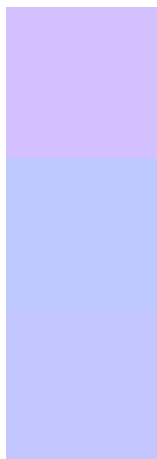


This preview shows how white text looks on a background with the Yxy color 59.2088, 0.2833, 0.2622.

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

59.2088, 0.2833, 0.2622

Protanopia

59.2199, 0.2683, 0.2673

Deuteranopia

59.1460, 0.2733, 0.2668



Tritanopia

59.1038, 0.3044, 0.3105

Trichromacy



Original Color

59.2088, 0.2833, 0.2622

Protanomaly

58.8883, 0.2732, 0.2647

Deuteranomaly

59.0531, 0.2772, 0.2652

Tritanomaly

58.9111, 0.2970, 0.2917

Monochromacy



Original Color

59.2088, 0.2833, 0.2622

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.3664, 0.3018, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2088, 0.2833, 0.2622 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, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.2088, 0.2833, 0.2622 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, 193, 255) }
```

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

```
.border{ border-color:rgb(211, 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(211, 193, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2088, 0.2833, 0.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 193, 255) }
```

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

```
.background{ background-color: rgb(211,  
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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