

Converting Colors

$Y_{xy}(60.5669, 0.2837, 0.2654)$

Have a look what the booklet for
Yxy(60.5669, 0.2837, 0.2654)
contains.

Yxy(60.5487, 0.2835, 0.2655)	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(60.5487, 0.2835, 0.2655)

Conversions

Conversions Part 1

Format	Color
Hex	D3C4FF
RGB	211, 196, 255
RGB Percent	83%, 77%, 100%
CMY	0.1724, 0.2314, 0.0002
CMYK	0.17, 0.23, 0.00, 0.00
HSL	255°, 100%, 88%
HSV	255°, 23%, 100%
XYZ	64.6537, 60.5487, 102.8530
YIQ	207.2110, -9.9990, 21.5290

Conversions

Conversions Part 2

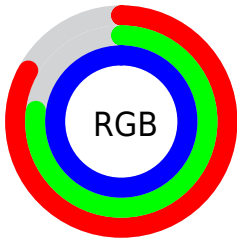
Format	Color
R _Y B	211, 196, 255
Decimal	13878527
CIE Lab	82.14, 16.73, -27.04
CIE LCh	82, 31.798, 301.754
Yxy	60.5487, 0.2835, 0.2655
Android (android.graphics.Color)	4292068607 (0xFFD3C4FF)
YUV	207.2110, 23.5600, 3.3230
Hunter-Lab	77.8130, 12.1402, -23.9002

Details

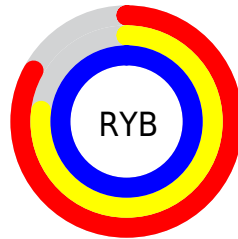
The Yxy color $60.5487, 0.2835, 0.2655$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $93.9947, 0.3377, 0.3889$, and the grayscale version is $62.3926, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7306, 0.3128, 0.3271$, and $30.4911, 0.2761, 0.2507$ is the 20% darker color. If you saturate the color by 10%, you get $47.3672, 0.2680, 0.2339$, and if you desaturate by 10%, it is $76.0212, 0.2973, 0.2948$.

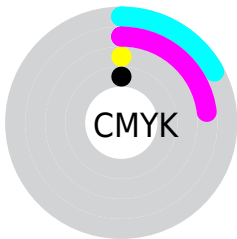
Distribution



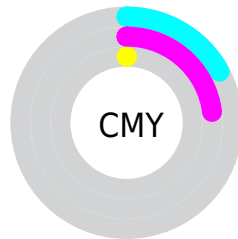
- Red (83%)
- Green (77%)
- Blue (100%)



- Red (83%)
- Yellow (77%)
- Blue (100%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5487, 0.2835, 0.2655 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 60.5487, 0.2835, 0.2655 by changing the saturation by 10% instead.

60.5487, 0.2835,
0.2655

60.5487, 0.2835,
0.2655

426.6173, 0.2977,
0.2946

43.8611, 0.2801,
0.2590

105.6252, 0.2885,
0.2755

30.5613, 0.2759,
0.2510

134.7829, 0.2904,
0.2794

20.2650, 0.2705,
0.2410

168.8660, 0.2921,
0.2828

12.5878, 0.2633,
0.2282

208.2590, 0.2935,
0.2857

7.1453, 0.2532,
0.2111

253.3462, 0.2947,
0.2883

3.5532, 0.2385,
0.1876

304.5121, 0.2958,

1.4269, 0.2150,

0.2906

0.1535

362.1410, 0.2968,
0.2927

0.2364, 0.1775,
0.0663

0.0000, 0.0000,
0.0000

60.5487, 0.2835,
0.2655

60.5487, 0.2835,
0.2655

47.3672, 0.2680,
0.2339

76.0212, 0.2973,
0.2948

36.3589, 0.2509,
0.2009

93.8799, 0.3093,
0.3213

27.4067, 0.2329,
0.1678

99.9975, 0.3127,
0.3290

20.3795, 0.2147,
0.1366

■ 15.1303, 0.1974,
0.1092

■ 11.4902, 0.1822,
0.0878

■ 9.2561, 0.1700,
0.0735

■ 8.3402, 0.1635,
0.0674

Harmonies

Analogous

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



60.5487, 0.2531, 0.2644



60.5487, 0.2835, 0.2655



60.5487, 0.3238, 0.2811

Triad

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



60.5487, 0.2835, 0.2655



60.5487, 0.3927, 0.3720



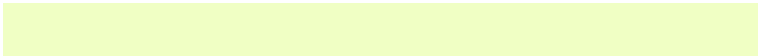
60.5487, 0.2629, 0.3497

Complementary

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



60.5487, 0.2835, 0.2655



93.9947, 0.3377, 0.3889

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.



60.5487, 0.2980, 0.3850



60.5487, 0.2835, 0.2655



60.5487, 0.3735, 0.3957

Square

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



60.5487, 0.2835, 0.2655



60.5487, 0.3892, 0.3400



60.5487, 0.3385, 0.4019



60.5487, 0.2418, 0.3101

Rectangle

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



60.5487, 0.2835, 0.2655



60.5487, 0.3510, 0.2978



60.5487, 0.3385, 0.4019



60.5487, 0.2734, 0.3627

Sweetspot

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



60.5512, 0.2835, 0.2655



86.6992, 0.3049, 0.3114



81.4040, 0.2771, 0.3132



18.3238, 0.3041, 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.



60.5512, 0.2835, 0.2655



53.8629, 0.2761, 0.2504



65.2624, 0.3045, 0.2693



17.6014, 0.3018, 0.3047



4.4190, 0.1648, 0.0682



0.4797, 0.1758, 0.0742

Inverse Universe

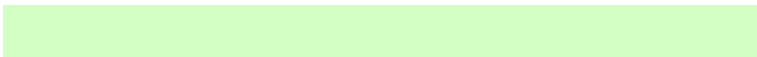
The Inverse Universe completely reimagines the original color for something new.



67.0210, 0.3263, 0.2852



61.4781, 0.3299, 0.2757



89.2913, 0.3188, 0.3926



18.2166, 0.3177, 0.3115



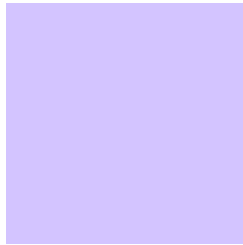
13.0773, 0.3982, 0.1967



1.2910, 0.3874, 0.1908

Previews

White Background



This preview shows how the Yxy color 60.5487, 0.2835, 0.2655 looks on a white background.

Color Contrast Check

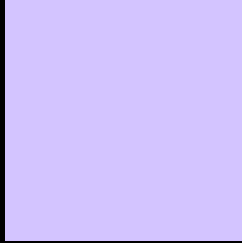
Large Text (above 18pt) WCAG AA × Fail

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 60.5487, 0.2835, 0.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

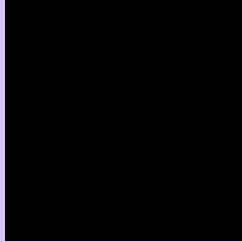
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5487, 0.2835, 0.2655

Background



This preview shows how black text looks on a background with the Yxy color 60.5487, 0.2835, 0.2655.

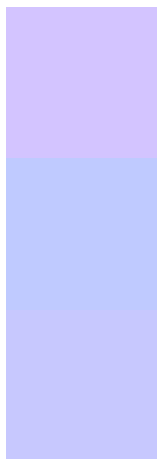


This preview shows how white text looks on a background with the Yxy color 60.5487, 0.2835, 0.2655.

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

60.5487, 0.2835, 0.2655

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.6064, 0.2761, 0.2695



Tritanopia

60.8055, 0.3030, 0.3106

Trichromacy



Original Color

60.5487, 0.2835, 0.2655

Protanomaly

60.5343, 0.2749, 0.2684

Deuteranomaly

60.6991, 0.2787, 0.2688

Tritanomaly

60.4001, 0.2957, 0.2930

Monochromacy



Original Color

60.5487, 0.2835, 0.2655

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.5036, 0.3018, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5487, 0.2835, 0.2655 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, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 196, 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, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.5487, 0.2835, 0.2655 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, 196, 255) }
```

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

```
.border{ border-color:rgb(211, 196, 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, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 196,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5487, 0.2835, 0.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 196, 255) }
```

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

```
.background{ background-color: rgb(211,  
196, 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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