

Converting Colors

Yxy(60.9441, 0.2833, 0.2665)

Have a look what the booklet for
Yxy(60.9441, 0.2833, 0.2665)
contains.

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Color

Yxy(61.0014, 0.2835, 0.2666)

Conversions

Conversions Part 1

Format	Color
Hex	D3C5FF
RGB	211, 197, 255
RGB Percent	83%, 77%, 100%
CMY	0.1727, 0.2274, 0.0001
CMYK	0.17, 0.23, 0.00, 0.00
HSL	254°, 100%, 89%
HSV	254°, 23%, 100%
XYZ	64.8683, 61.0014, 102.9427
YIQ	207.7980, -10.2740, 21.0060

Conversions

Conversions Part 2

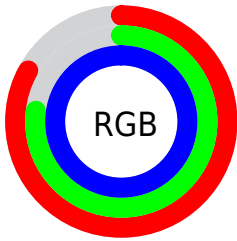
Format	Color
R_{YB}	211, 197, 255
Decimal	13878783
CIE _{Lab}	82.38, 16.17, -26.67
CIE _{LCh}	82, 31.193, 301.222
Yxy	61.0014, 0.2835, 0.2666
Android (android.graphics.Color)	4292068863 (0xFFD3C5FF)
YUV	207.7980, 23.2706, 2.8082
Hunter-Lab	78.1034, 11.5712, -23.4737

Details

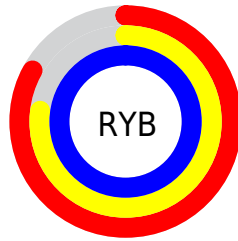
The Yxy color **61.0014, 0.2835, 0.2666** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.2447, 0.3379, 0.3877**, and the grayscale version is **62.7887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **30.7901, 0.2762, 0.2522** is the 20% darker color. If you saturate the color by 10%, you get **47.6965, 0.2677, 0.2350**, and if you desaturate by 10%, it is **76.6142, 0.2975, 0.2958**.

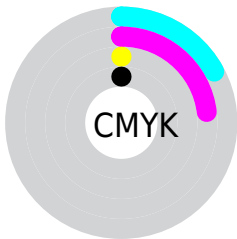
Distribution



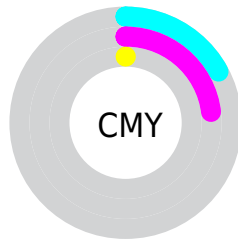
- Red (83%)
- Green (77%)
- Blue (100%)



- 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 61.0014, 0.2835, 0.2666 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 61.0014, 0.2835, 0.2666 by changing the saturation by 10% instead.

61.0014, 0.2835,
0.2666

61.0014, 0.2835,
0.2666

428.2791, 0.2976,
0.2951

44.2263, 0.2802,
0.2602

106.2810, 0.2885,
0.2764

30.8485, 0.2760,
0.2523

135.5542, 0.2904,
0.2803

20.4835, 0.2706,
0.2425

169.7623, 0.2921,
0.2836

12.7470, 0.2634,
0.2299

209.2896, 0.2935,
0.2865

7.2545, 0.2534,
0.2131

254.5206, 0.2947,
0.2890

3.6218, 0.2388,
0.1899

305.8395, 0.2958,

1.4643, 0.2157,

0.2913

0.1563

363.6309, 0.2968,
0.2933

0.2634, 0.1785,
0.0729

0.0000, 0.0000,
0.0000

61.0014, 0.2835,
0.2666

61.0014, 0.2835,
0.2666

47.6965, 0.2677,
0.2350

76.6142, 0.2975,
0.2958

36.5812, 0.2505,
0.2018

94.6305, 0.3097,
0.3223

27.5383, 0.2322,
0.1686

99.9985, 0.3127,
0.3290

20.4360, 0.2138,
0.1370

■ 15.1273, 0.1963,
0.1093

■ 11.4433, 0.1810,
0.0876

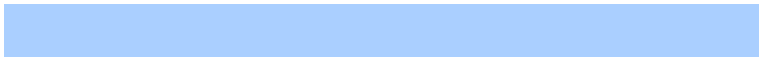
■ 9.1811, 0.1688,
0.0731

■ 8.2211, 0.1621,
0.0667

Harmonies

Analogous

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



61.0014, 0.2539, 0.2658



61.0014, 0.2835, 0.2666



61.0014, 0.3229, 0.2816

Triad

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



61.0014, 0.2835, 0.2666



61.0014, 0.3911, 0.3707



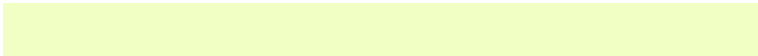
61.0014, 0.2645, 0.3500

Complementary

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



61.0014, 0.2835, 0.2666



94.2447, 0.3379, 0.3877

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.



61.0014, 0.2990, 0.3842



61.0014, 0.2835, 0.2666



61.0014, 0.3727, 0.3940

Square

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



61.0014, 0.2835, 0.2666



61.0014, 0.3872, 0.3393



61.0014, 0.3387, 0.4004



61.0014, 0.2434, 0.3112

Rectangle

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



61.0014, 0.2835, 0.2666



61.0014, 0.3496, 0.2979



61.0014, 0.3387, 0.4004



61.0014, 0.2748, 0.3626

Sweetspot

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



61.0039, 0.2835, 0.2666



86.6542, 0.3047, 0.3113



82.2714, 0.2778, 0.3145



18.3134, 0.3040, 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.



61.0039, 0.2835, 0.2666



55.0569, 0.2770, 0.2534



65.6025, 0.3040, 0.2702



17.5886, 0.3016, 0.3047



4.3535, 0.1634, 0.0674



0.4717, 0.1741, 0.0733

Inverse Universe

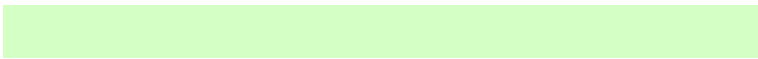
The Inverse Universe completely reimagines the original color for something new.



67.5509, 0.3254, 0.2852



62.6400, 0.3283, 0.2767



89.6053, 0.3193, 0.3913



18.2213, 0.3175, 0.3111



13.1608, 0.3931, 0.1939



1.2985, 0.3831, 0.1884

Previews

White Background



This preview shows how the Yxy color 61.0014, 0.2835, 0.2666 looks on a white background.

Color Contrast Check

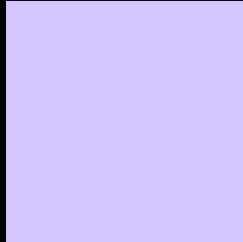
Large Text (above 18pt) WCAG AA × Fail

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 61.0014, 0.2835, 0.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

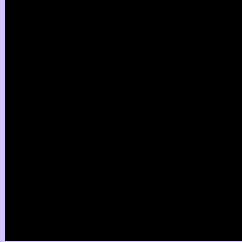
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0014, 0.2835, 0.2666

Background



This preview shows how black text looks on a background with the Yxy color 61.0014, 0.2835, 0.2666.



This preview shows how white text looks on a background with the Yxy color 61.0014, 0.2835, 0.2666.

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

61.0014, 0.2835, 0.2666

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

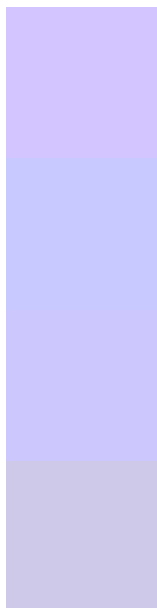
61.2084, 0.2769, 0.2707



Tritanopia

60.8583, 0.3023, 0.3095

Trichromacy



Original Color

61.0014, 0.2835, 0.2666

Protanomaly

61.1354, 0.2756, 0.2696

Deuteranomaly

61.3017, 0.2795, 0.2700

Tritanomaly

60.9219, 0.2950, 0.2931

Monochromacy



Original Color

61.0014, 0.2835, 0.2666

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.1773, 0.3019, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0014, 0.2835, 0.2666 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, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 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, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.0014, 0.2835, 0.2666 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, 197, 255) }
```

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

```
.border{ border-color:rgb(211, 197, 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, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0014, 0.2835, 0.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 197, 255) }
```

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

```
.background{ background-color: rgb(211,  
197, 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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