

Converting Colors

Yxy(61.1585, 0.2889, 0.2651)

Have a look what the booklet for
Yxy(61.1585, 0.2889, 0.2651)
contains.

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Color

Yxy(61.3103, 0.2891, 0.2654)

Conversions

Conversions Part 1

Format	Color
Hex	DBC3FF
RGB	219, 195, 255
RGB Percent	86%, 76%, 100%
CMY	0.1410, 0.2353, 0.0000
CMYK	0.14, 0.24, 0.00, 0.00
HSL	264°, 100%, 88%
HSV	264°, 24%, 100%
XYZ	66.7853, 61.3103, 102.9154
YIQ	209.0160, -4.9560, 23.7480

Conversions

Conversions Part 2

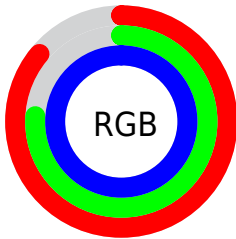
Format	Color
R _Y B	219, 195, 255
Decimal	14402559
CIE Lab	82.55, 19.75, -26.37
CIE LCh	83, 32.946, 306.828
Yxy	61.3103, 0.2891, 0.2654
Android (android.graphics.Color)	4292592639 (0xFFDBC3FF)
YUV	209.0160, 22.6701, 8.7560
Hunter-Lab	78.3009, 15.2216, -23.1176

Details

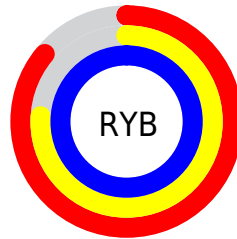
The Yxy color **61.3103, 0.2891, 0.2654** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.4364, 0.3324, 0.3912**, and the grayscale version is **63.6272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **30.9135, 0.2824, 0.2507** is the 20% darker color. If you saturate the color by 10%, you get **48.5827, 0.2765, 0.2350**, and if you desaturate by 10%, it is **76.2116, 0.3001, 0.2940**.

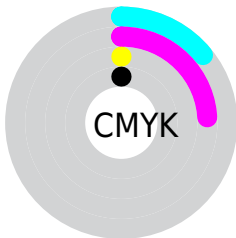
Distribution



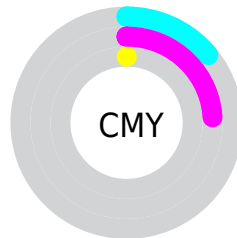
- Red (86%)
- Green (76%)
- Blue (100%)



- Red (86%)
- Yellow (76%)
- Blue (100%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3103, 0.2891, 0.2654 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 61.3103, 0.2891, 0.2654 by changing the saturation by 10% instead.


 61.3103, 0.2891,
0.2654

 61.3103, 0.2891,
0.2654

429.4108, 0.3007,
0.2943

 44.4756, 0.2863,
0.2589


 106.7281, 0.2932,
0.2753

 31.0446, 0.2828,
0.2510


136.0800, 0.2948,
0.2792

 20.6328, 0.2783,
0.2412


170.3732, 0.2961,
0.2826

 12.8559, 0.2723,
0.2285

209.9919, 0.2973,
0.2855

 7.3294, 0.2638,
0.2118

255.3206, 0.2983,
0.2881

 3.6689, 0.2512,
0.1887

306.7438, 0.2992,

 1.4901, 0.2310,

0.2904

0.1555

364.6457, 0.3000,
0.2925

0.2818, 0.2008,
0.0754

0.0000, 0.0000,
0.0000

61.3103, 0.2891,
0.2654

61.3103, 0.2891,
0.2654

48.5827, 0.2765,
0.2350

76.2116, 0.3001,
0.2940

37.9164, 0.2626,
0.2037

93.3767, 0.3097,
0.3203

29.1998, 0.2476,
0.1727

99.9996, 0.3127,
0.3290

22.3078, 0.2320,
0.1436

■ 17.1000, 0.2167,
0.1182

■ 13.4143, 0.2023,
0.0980

■ 11.0543, 0.1897,
0.0841

■ 10.0549, 0.1827,
0.0780

Harmonies

Analogous

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



61.3103, 0.2555, 0.2615



61.3103, 0.2891, 0.2654



61.3103, 0.3314, 0.2836

Triad

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



61.3103, 0.2891, 0.2654



61.3103, 0.3934, 0.3782



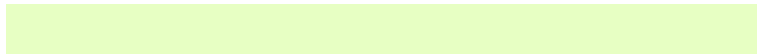
61.3103, 0.2565, 0.3433

Complementary

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



61.3103, 0.2891, 0.2654



92.4364, 0.3324, 0.3912

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.



61.3103, 0.2906, 0.3818



61.3103, 0.2891, 0.2654



61.3103, 0.3701, 0.4004

Square

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



61.3103, 0.2891, 0.2654



61.3103, 0.3940, 0.3460



61.3103, 0.3322, 0.4032



61.3103, 0.2377, 0.3032

Rectangle

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



61.3103, 0.2891, 0.2654



61.3103, 0.3588, 0.3018



61.3103, 0.3322, 0.4032



61.3103, 0.2665, 0.3571

Sweetspot

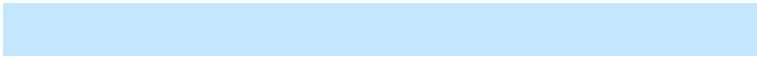
The Sweet Spot groups the original color and five complimentary colors.



61.3128, 0.2891, 0.2654



87.1626, 0.3065, 0.3114



75.9691, 0.2757, 0.3030



18.4310, 0.3060, 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.



61.3128, 0.2891, 0.2654



55.3635, 0.2837, 0.2520



66.3856, 0.3110, 0.2694



17.7329, 0.3042, 0.3049



5.3354, 0.1843, 0.0789



0.5810, 0.1969, 0.0858

Inverse Universe

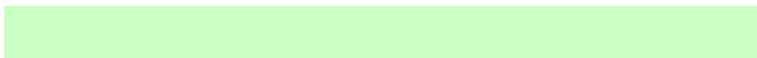
The Inverse Universe completely reimagines the original color for something new.



66.0530, 0.3332, 0.2928



60.8874, 0.3382, 0.2857



87.8723, 0.3133, 0.3950



18.1699, 0.3200, 0.3148



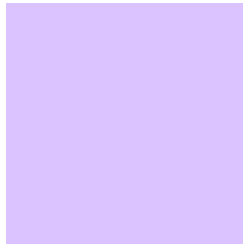
12.3377, 0.4547, 0.2279



1.2229, 0.4352, 0.2171

Previews

White Background



This preview shows how the Yxy color 61.3103, 0.2891, 0.2654 looks on a white background.

Color Contrast Check

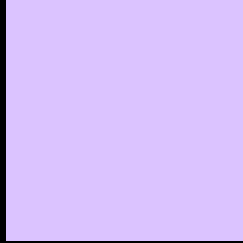
Large Text (above 18pt) WCAG AA × Fail

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 61.3103, 0.2891, 0.2654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

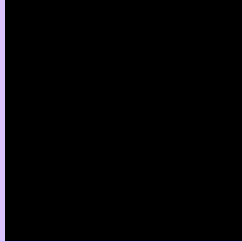
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3103, 0.2891, 0.2654

Background



This preview shows how black text looks on a background with the Yxy color 61.3103, 0.2891, 0.2654.

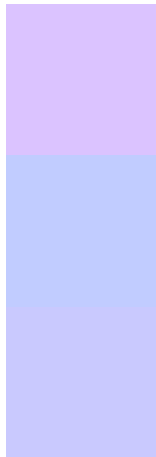


This preview shows how white text looks on a background with the Yxy color 61.3103, 0.2891, 0.2654.

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

61.3103, 0.2891, 0.2654

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.3466, 0.2775, 0.2708



Tritanopia

61.4491, 0.3098, 0.3109

Trichromacy



Original Color

61.3103, 0.2891, 0.2654

Protanomaly

61.5498, 0.2776, 0.2700

Deuteranomaly

61.4125, 0.2822, 0.2694

Tritanomaly

61.0634, 0.3023, 0.2936

Monochromacy



Original Color

61.3103, 0.2891, 0.2654

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.8229, 0.3041, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3103, 0.2891, 0.2654 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(219, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 195, 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(219, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 195, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.3103, 0.2891, 0.2654 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(219, 195, 255) }
```

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

```
.border{ border-color:rgb(219, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 195,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3103, 0.2891, 0.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 195, 255) }
```

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

```
.background{ background-color: rgb(219,  
195, 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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