

Converting Colors

Yxy(61.2459, 0.2807, 0.2682)

Have a look what the booklet for
Yxy(61.2459, 0.2807, 0.2682)
contains.

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Color

Yxy(61.3322, 0.2809, 0.2683)

Conversions

Conversions Part 1

Format	Color
Hex	CFC7FF
RGB	207, 199, 255
RGB Percent	81%, 78%, 100%
CMY	0.1881, 0.2196, 0.0000
CMYK	0.19, 0.22, 0.00, 0.00
HSL	249°, 100%, 89%
HSV	249°, 22%, 100%
XYZ	64.2125, 61.3322, 103.0509
YIQ	207.7760, -13.2080, 19.1120

Conversions

Conversions Part 2

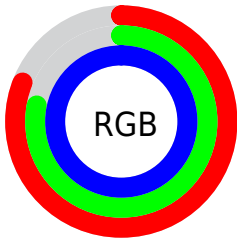
Format	Color
R_{YB}	207, 199, 255
Decimal	13617151
CIE _{Lab}	82.56, 13.92, -26.44
CIE _{LCh}	83, 29.876, 297.759
Yxy	61.3322, 0.2809, 0.2683
Android (android.graphics.Color)	4291807231 (0xFFCFC7FF)
YUV	207.7760, 23.2814, -0.6806
Hunter-Lab	78.3149, 9.3060, -23.1965

Details

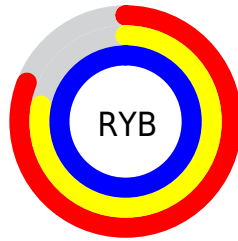
The Yxy color **61.3322, 0.2809, 0.2683** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.3986, 0.3406, 0.3850**, and the grayscale version is **62.7815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.0034, 0.2728, 0.2543** is the 20% darker color. If you saturate the color by 10%, you get **47.6369, 0.2634, 0.2361**, and if you desaturate by 10%, it is **77.4331, 0.2966, 0.2978**.

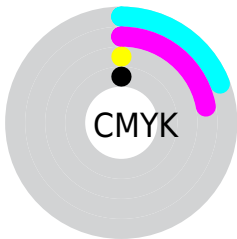
Distribution



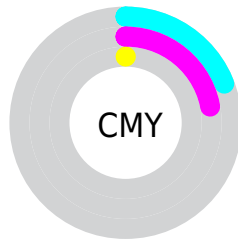
- Red (81%)
- Green (78%)
- Blue (100%)



- Red (81%)
- Yellow (78%)
- Blue (100%)



- Cyan (19%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3322, 0.2809, 0.2683 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 61.3322, 0.2809, 0.2683 by changing the saturation by 10% instead.

61.3322, 0.2809,
0.2683

61.3322, 0.2809,
0.2683

429.4910, 0.2962,
0.2961

44.4933, 0.2773,
0.2620

106.7598, 0.2863,
0.2779

31.0585, 0.2728,
0.2544

136.1173, 0.2884,
0.2816

20.6434, 0.2670,
0.2447

170.4164, 0.2901,
0.2849

12.8636, 0.2594,
0.2323

210.0417, 0.2917,
0.2877

7.3347, 0.2488,
0.2158

255.3773, 0.2930,
0.2902

3.6723, 0.2334,
0.1929

306.8078, 0.2942,

1.4920, 0.2092,

0.2924

0.1596

364.7176, 0.2952,
0.2944

0.2831, 0.1688,
0.0785

0.0000, 0.0000,
0.0000

61.3322, 0.2809,
0.2683

61.3322, 0.2809,
0.2683

47.6369, 0.2634,
0.2361

77.4331, 0.2966,
0.2978

36.2242, 0.2444,
0.2020

96.0400, 0.3103,
0.3242

26.9713, 0.2245,
0.1675

99.9993, 0.3127,
0.3290

19.7409, 0.2048,
0.1347

■ 14.3795, 0.1868,
0.1059

■ 10.7117, 0.1716,
0.0835

■ 8.5277, 0.1606,
0.0690

■ 7.6064, 0.1547,
0.0626

Harmonies

Analogous

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



61.3322, 0.2539, 0.2694



61.3322, 0.2809, 0.2683



61.3322, 0.3179, 0.2813

Triad

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



61.3322, 0.2809, 0.2683



61.3322, 0.3884, 0.3659



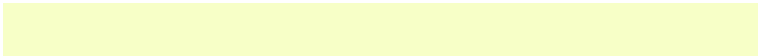
61.3322, 0.2699, 0.3533

Complementary

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



61.3322, 0.2809, 0.2683



95.3986, 0.3406, 0.3850

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.



61.3322, 0.3040, 0.3845



61.3322, 0.2809, 0.2683



61.3322, 0.3732, 0.3894

Square

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



61.3322, 0.2809, 0.2683



61.3322, 0.3820, 0.3354



61.3322, 0.3419, 0.3975



61.3322, 0.2478, 0.3162

Rectangle

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



61.3322, 0.2809, 0.2683



61.3322, 0.3437, 0.2963



61.3322, 0.3419, 0.3975



61.3322, 0.2802, 0.3651

Sweetspot

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



61.3347, 0.2809, 0.2683



86.3510, 0.3036, 0.3113



86.2019, 0.2794, 0.3210



18.2434, 0.3028, 0.3097



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.



61.3347, 0.2809, 0.2683



55.5237, 0.2740, 0.2556



65.6328, 0.3003, 0.2716



17.5030, 0.3001, 0.3046



4.0125, 0.1556, 0.0631



0.4265, 0.1640, 0.0677

Inverse Universe

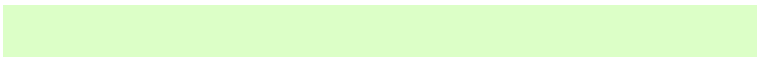
The Inverse Universe completely reimagines the original color for something new.



68.8130, 0.3210, 0.2816



64.1474, 0.3228, 0.2727



90.7774, 0.3227, 0.3883



18.2528, 0.3160, 0.3089



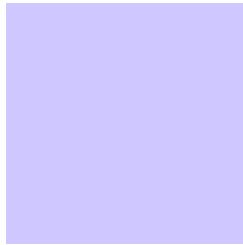
13.7802, 0.3610, 0.1763



1.3535, 0.3557, 0.1733

Previews

White Background



This preview shows how the Yxy color 61.3322, 0.2809, 0.2683 looks on a white background.

Color Contrast Check

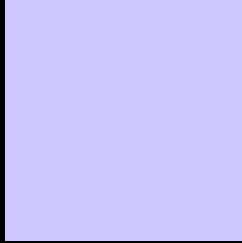
Large Text (above 18pt) WCAG AA × Fail

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 61.3322, 0.2809, 0.2683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

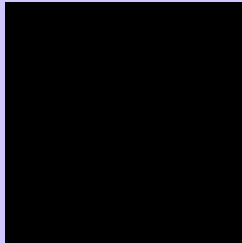
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3322, 0.2809, 0.2683

Background



This preview shows how black text looks on a background with the Yxy color 61.3322, 0.2809, 0.2683.

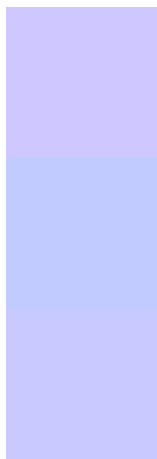


This preview shows how white text looks on a background with the Yxy color 61.3322, 0.2809, 0.2683.

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

61.3322, 0.2809, 0.2683

Protanopia

61.2693, 0.2718, 0.2713

Deuteranopia

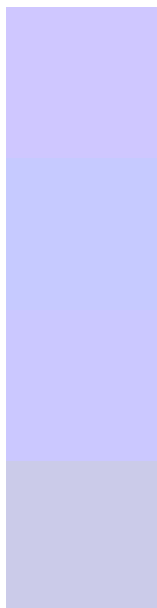
61.2726, 0.2763, 0.2697



Tritanopia

61.3006, 0.2987, 0.3105

Trichromacy



Original Color

61.3322, 0.2809, 0.2683

Protanomaly

61.4668, 0.2750, 0.2707

Deuteranomaly

61.2251, 0.2782, 0.2689

Tritanomaly

61.2916, 0.2922, 0.2951

Monochromacy



Original Color

61.3322, 0.2809, 0.2683

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.5088, 0.3011, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3322, 0.2809, 0.2683 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(207, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 199, 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(207, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.3322, 0.2809, 0.2683 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(207, 199, 255) }
```

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

```
.border{ border-color:rgb(207, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 199,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3322, 0.2809, 0.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 199, 255) }
```

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

```
.background{ background-color: rgb(207,  
199, 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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