

Converting Colors

$Yxy(61.3224, 0.2826, 0.2777)$

Have a look what the booklet for
Yxy(61.3224, 0.2826, 0.2777)
contains.

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Color

Yxy(61.2471, 0.2826, 0.2771)

Conversions

Conversions Part 1

Format	Color
Hex	CBC9F8
RGB	203, 201, 248
RGB Percent	80%, 79%, 97%
CMY	0.2038, 0.2118, 0.0275
CMYK	0.18, 0.19, 0.00, 0.03
HSL	243°, 77%, 88%
HSV	243°, 19%, 97%
XYZ	62.4628, 61.2471, 97.3190
YIQ	206.9560, -13.8950, 15.0410

Conversions

Conversions Part 2

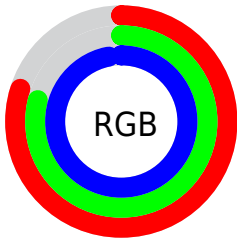
Format	Color
R _Y B	203, 201, 248
Decimal	13355512
CIE Lab	82.51, 10.09, -22.81
CIE LCh	83, 24.938, 293.866
Yxy	61.2471, 0.2826, 0.2771
Android (android.graphics.Color)	4291545592 (0xFFCBC9F8)
YUV	206.9560, 20.2347, -3.4694
Hunter-Lab	78.2605, 5.5118, -18.9463

Details

The Yxy color **61.2471, 0.2826, 0.2771** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.9210, 0.3399, 0.3765**, and the grayscale version is **62.2451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.9691, 0.2742, 0.2641** is the 20% darker color. If you saturate the color by 10%, you get **47.5262, 0.2638, 0.2450**, and if you desaturate by 10%, it is **77.3489, 0.2994, 0.3060**.

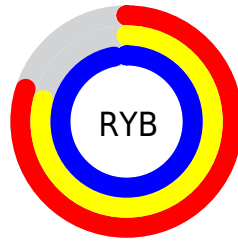
Distribution



Red (80%)

Green (79%)

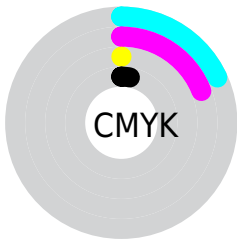
Blue (97%)



Red (80%)

Yellow (79%)

Blue (97%)

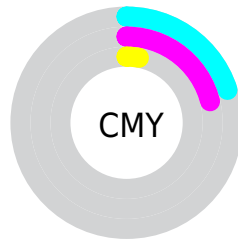


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (3%)



Cyan (20%)

Magenta (21%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2471, 0.2826, 0.2771 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 61.2471, 0.2826, 0.2771 by changing the saturation by 10% instead.

■ 61.2471, 0.2826,
0.2771

■ 61.2471, 0.2826,
0.2771

429.1794, 0.2970,
0.3011

■ 44.4246, 0.2792,
0.2716

106.6366, 0.2877,
0.2854

■ 31.0045, 0.2750,
0.2649

135.9725, 0.2896,
0.2887

■ 20.6022, 0.2695,
0.2564

170.2482, 0.2913,
0.2915

■ 12.8336, 0.2623,
0.2453

209.8483, 0.2928,
0.2939

■ 7.3140, 0.2523,
0.2305

255.1570, 0.2940,
0.2960

■ 3.6593, 0.2376,
0.2094

306.5589, 0.2951,

■ 1.4848, 0.2143,

0.2979

0.1779

364.4382, 0.2961,
0.2996

0.2780, 0.1691,
0.0921

0.0000, 0.0000,
0.0000

61.2471, 0.2826,
0.2771

61.2471, 0.2826,
0.2771

47.5262, 0.2638,
0.2450

77.3489, 0.2994,
0.3060

36.0661, 0.2434,
0.2105

95.9290, 0.3142,
0.3315

26.7478, 0.2222,
0.1750

99.5560, 0.3168,
0.3357

19.4382, 0.2014,
0.1405

■ 13.9895, 0.1826,
0.1097

■ 10.2336, 0.1673,
0.0853

■ 7.9720, 0.1568,
0.0691

■ 6.9204, 0.1513,
0.0611

■ 6.8456, 0.1509,
0.0605

Harmonies

Analogous

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



61.2471, 0.2612, 0.2800



61.2471, 0.2826, 0.2771



61.2471, 0.3130, 0.2866

Triad

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



61.2471, 0.2826, 0.2771



61.2471, 0.3762, 0.3574



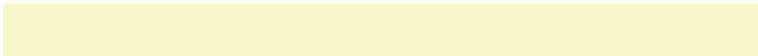
61.2471, 0.2802, 0.3531

Complementary

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



61.2471, 0.2826, 0.2771



90.9210, 0.3399, 0.3765

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.



61.2471, 0.3099, 0.3772



61.2471, 0.2826, 0.2771



61.2471, 0.3659, 0.3778

Square

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



61.2471, 0.2826, 0.2771



61.2471, 0.3684, 0.3313



61.2471, 0.3413, 0.3860



61.2471, 0.2598, 0.3226

Rectangle

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



61.2471, 0.2826, 0.2771



61.2471, 0.3347, 0.2987



61.2471, 0.3413, 0.3860



61.2471, 0.2894, 0.3624

Sweetspot

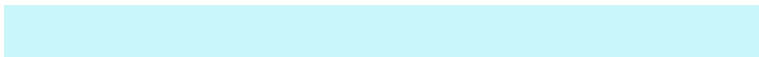
The Sweet Spot groups the original color and five complimentary colors.



61.2496, 0.2826, 0.2771



87.9528, 0.3040, 0.3139



85.3565, 0.2841, 0.3273



18.5574, 0.3030, 0.3121



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.



61.2496, 0.2826, 0.2771



58.9859, 0.2751, 0.2643



64.7255, 0.2989, 0.2795



16.6789, 0.2985, 0.3045



3.7140, 0.1513, 0.0607



0.3562, 0.1545, 0.0625

Inverse Universe

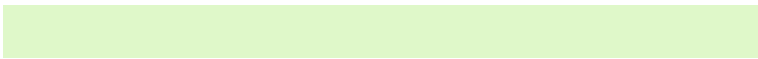
The Inverse Universe completely reimagines the original color for something new.



68.3747, 0.3164, 0.2838



67.9550, 0.3172, 0.2739



87.0147, 0.3245, 0.3789



17.5108, 0.3145, 0.3066



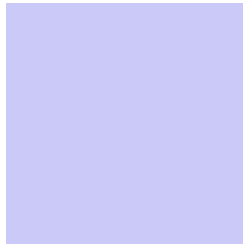
14.0965, 0.3321, 0.1603



1.3095, 0.3306, 0.1595

Previews

White Background



This preview shows how the Yxy color 61.2471, 0.2826, 0.2771 looks on a white background.

Color Contrast Check

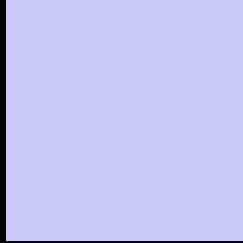
Large Text (above 18pt) WCAG AA × Fail

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 61.2471, 0.2826, 0.2771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

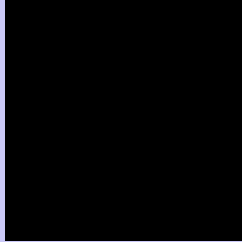
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2471, 0.2826, 0.2771

Background



This preview shows how black text looks on a background with the Yxy color 61.2471, 0.2826, 0.2771.



This preview shows how white text looks on a background with the Yxy color 61.2471, 0.2826, 0.2771.

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

61.2471, 0.2826, 0.2771

Protanopia

61.2161, 0.2761, 0.2765

Deuteranopia

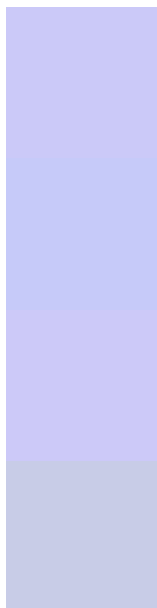
61.3880, 0.2833, 0.2772



Tritanopia

61.4223, 0.2959, 0.3105

Trichromacy



Original Color

61.2471, 0.2826, 0.2771

Protanomaly

61.0864, 0.2786, 0.2767

Deuteranomaly

61.3880, 0.2833, 0.2772

Tritanomaly

61.2346, 0.2914, 0.2982

Monochromacy



Original Color

61.2471, 0.2826, 0.2771

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.0584, 0.3017, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2471, 0.2826, 0.2771 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(203, 201, 248)` looks like.

```
.text, #text, p{  
    color:rgb(203, 201, 248)  
}
```

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(203, 201, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 201, 248) }
```

Border

The CSS property to change the border of an element to Yxy 61.2471, 0.2826, 0.2771 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(203, 201, 248) }
```

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

```
.border{ border-color:rgb(203, 201, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 201, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 201, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 201, 248);  
box-shadow:4px 4px 4px 4px rgb(203, 201,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2471, 0.2826, 0.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 201, 248) }
```

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

```
.background{ background-color: rgb(203,  
201, 248) }
```

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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