

Converting Colors

Yxy(61.1106, 0.2768, 0.2614)

Have a look what the booklet for
Yxy(61.1106, 0.2768, 0.2614)
contains.

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Color

Yxy(60.7300, 0.2801, 0.2671)

Conversions

Conversions Part 1

Format	Color
Hex	CEC6FF
RGB	206, 198, 255
RGB Percent	81%, 78%, 100%
CMY	0.1923, 0.2234, 0.0001
CMYK	0.19, 0.22, 0.00, 0.00
HSL	248°, 100%, 89%
HSV	248°, 22%, 100%
XYZ	63.6858, 60.7300, 102.9522
YIQ	206.8900, -13.5290, 19.4230

Conversions

Conversions Part 2

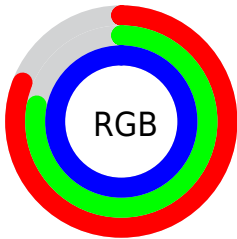
Format	Color
R _Y B	206, 198, 255
Decimal	13551359
CIE Lab	82.23, 14.11, -26.93
CIE LCh	82, 30.404, 297.645
Yxy	60.7300, 0.2801, 0.2671
Android (android.graphics.Color)	4291741439 (0xFFCEC6FF)
YUV	206.8900, 23.7182, -0.7805
Hunter-Lab	77.9295, 9.4979, -23.7771

Details

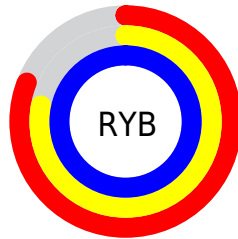
The Yxy color $60.7300, 0.2801, 0.2671$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95.3640, 0.3413, 0.3860$, and the grayscale version is $62.1714, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.6030, 0.2718, 0.2526$ is the 20% darker color. If you saturate the color by 10%, you get $47.1157, 0.2624, 0.2348$, and if you desaturate by 10%, it is $76.7498, 0.2959, 0.2967$.

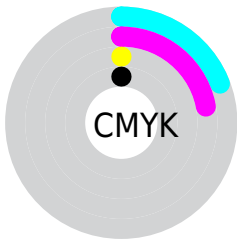
Distribution



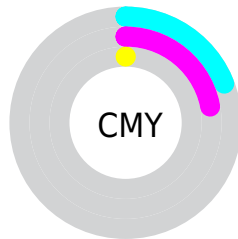
- Red (81%)
- Green (78%)
- Blue (100%)



- 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 60.7300, 0.2801, 0.2671 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 60.7300, 0.2801, 0.2671 by changing the saturation by 10% instead.

■ 60.7300, 0.2801,
0.2671

■ 60.7300, 0.2801,
0.2671

427.2833, 0.2958,
0.2955

■ 44.0073, 0.2764,
0.2607

105.8879, 0.2856,
0.2769

■ 30.6763, 0.2718,
0.2529

135.0919, 0.2878,
0.2807

■ 20.3524, 0.2658,
0.2430

169.2251, 0.2896,
0.2840

■ 12.6515, 0.2580,
0.2304

208.6719, 0.2912,
0.2869

■ 7.1890, 0.2471,
0.2135

253.8168, 0.2925,
0.2894

■ 3.5806, 0.2312,
0.1902

305.0440, 0.2937,

■ 1.4418, 0.2063,

0.2917

0.1562

362.7381, 0.2948,
0.2937

0.2472, 0.1640,
0.0700

0.0000, 0.0000,
0.0000

60.7300, 0.2801,
0.2671

60.7300, 0.2801,
0.2671

47.1157, 0.2624,
0.2348

76.7498, 0.2959,
0.2967

35.7831, 0.2433,
0.2006

95.2758, 0.3098,
0.3233

26.6087, 0.2233,
0.1661

99.9985, 0.3127,
0.3290

19.4545, 0.2037,
0.1333

■ 14.1658, 0.1857,
0.1047

■ 10.5657, 0.1707,
0.0826

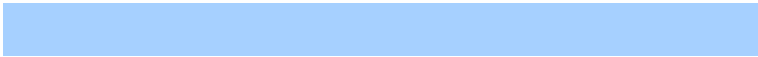
■ 8.4422, 0.1599,
0.0684

■ 7.5854, 0.1545,
0.0625

Harmonies

Analogous

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



60.7300, 0.2527, 0.2682



60.7300, 0.2801, 0.2671



60.7300, 0.3179, 0.2803

Triad

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



60.7300, 0.2801, 0.2671



60.7300, 0.3900, 0.3664



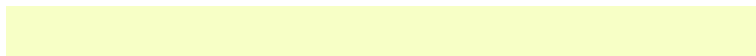
60.7300, 0.2691, 0.3540

Complementary

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



60.7300, 0.2801, 0.2671



95.3640, 0.3413, 0.3860

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.



60.7300, 0.3039, 0.3858



60.7300, 0.2801, 0.2671



60.7300, 0.3745, 0.3905

Square

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



60.7300, 0.2801, 0.2671



60.7300, 0.3835, 0.3353



60.7300, 0.3426, 0.3990



60.7300, 0.2466, 0.3160

Rectangle

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



60.7300, 0.2801, 0.2671



60.7300, 0.3442, 0.2955



60.7300, 0.3426, 0.3990



60.7300, 0.2797, 0.3660

Sweetspot

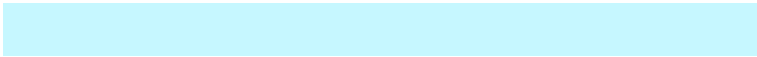
The Sweet Spot groups the original color and five complimentary colors.



60.7325, 0.2801, 0.2671



86.3373, 0.3035, 0.3113



85.9827, 0.2789, 0.3209



18.2403, 0.3027, 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.



60.7325, 0.2801, 0.2671



54.1030, 0.2721, 0.2523



65.1245, 0.3000, 0.2706



17.4991, 0.3000, 0.3046



4.0010, 0.1554, 0.0629



0.4247, 0.1635, 0.0675

Inverse Universe

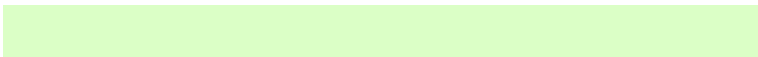
The Inverse Universe completely reimagines the original color for something new.



68.3711, 0.3210, 0.2806



63.0582, 0.3230, 0.2702



90.6284, 0.3228, 0.3894



18.2542, 0.3159, 0.3088



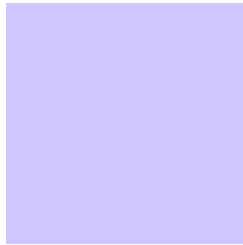
13.8105, 0.3597, 0.1755



1.3562, 0.3546, 0.1727

Previews

White Background



This preview shows how the Yxy color 60.7300, 0.2801, 0.2671 looks on a white background.

Color Contrast Check

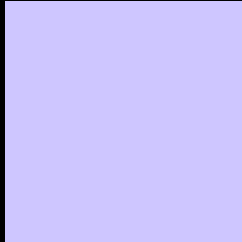
Large Text (above 18pt) WCAG AA × Fail

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 60.7300, 0.2801, 0.2671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

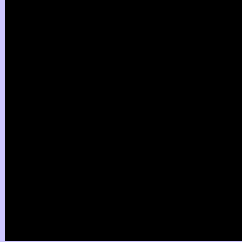
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7300, 0.2801, 0.2671

Background



This preview shows how black text looks on a background with the Yxy color 60.7300, 0.2801, 0.2671.

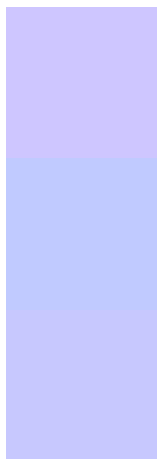


This preview shows how white text looks on a background with the Yxy color 60.7300, 0.2801, 0.2671.

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

60.7300, 0.2801, 0.2671

Protanopia

60.6675, 0.2711, 0.2700

Deuteranopia

60.6064, 0.2761, 0.2695



Tritanopia

60.6324, 0.2987, 0.3105

Trichromacy



Original Color

60.7300, 0.2801, 0.2671

Protanomaly

60.8636, 0.2743, 0.2694

Deuteranomaly

60.5592, 0.2781, 0.2687

Tritanomaly

60.6808, 0.2915, 0.2939

Monochromacy



Original Color

60.7300, 0.2801, 0.2671

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.8329, 0.3011, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7300, 0.2801, 0.2671 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(206, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 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(206, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.7300, 0.2801, 0.2671 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(206, 198, 255) }
```

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

```
.border{ border-color:rgb(206, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7300, 0.2801, 0.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 198, 255) }
```

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

```
.background{ background-color: rgb(206,  
198, 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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