

Converting Colors

Yxy(53.7835, 0.2770, 0.2499)

Have a look what the booklet for
Yxy(53.7835, 0.2770, 0.2499)
contains.

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Color

Yxy(53.7835, 0.2770, 0.2499)

Conversions

Conversions Part 1

Format	Color
Hex	CBB7FF
RGB	203, 183, 255
RGB Percent	80%, 72%, 100%
CMY	0.2038, 0.2824, 0.0001
CMYK	0.20, 0.28, 0.00, 0.00
HSL	257°, 100%, 86%
HSV	257°, 28%, 100%
XYZ	59.6160, 53.7835, 101.8206
YIQ	197.1880, -11.1920, 26.6320

Conversions

Conversions Part 2

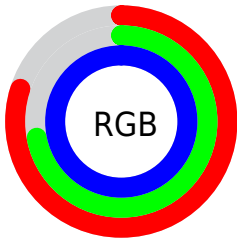
Format	Color
R _Y B	203, 183, 255
Decimal	13350911
CIE Lab	78.34, 21.38, -32.93
CIE LCh	78, 39.265, 302.996
Yxy	53.7835, 0.2770, 0.2499
Android (android.graphics.Color)	4291540991 (0xFFCBB7FF)
YUV	197.1880, 28.5013, 5.0971
Hunter-Lab	73.3372, 16.7628, -30.9815

Details

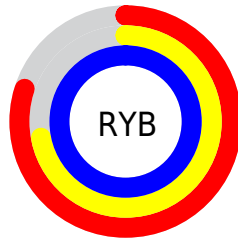
The Yxy color **53.7835, 0.2770, 0.2499** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.5688, 0.3420, 0.4031**, and the grayscale version is **55.7875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **26.3384, 0.2674, 0.2318** is the 20% darker color. If you saturate the color by 10%, you get **41.7715, 0.2611, 0.2177**, and if you desaturate by 10%, it is **68.0114, 0.2912, 0.2803**.

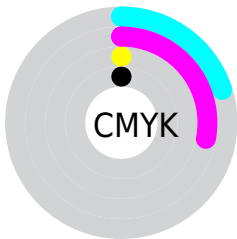
Distribution



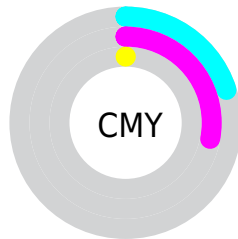
- Red (80%)
- Green (72%)
- Blue (100%)



- Red (80%)
- Yellow (72%)
- Blue (100%)



- Cyan (20%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7835, 0.2770, 0.2499 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 53.7835, 0.2770, 0.2499 by changing the saturation by 10% instead.


 53.7835, 0.2770,
0.2499

 53.7835, 0.2770,
0.2499

401.2839, 0.2947,
0.2863

 38.4286, 0.2727,
0.2417


 95.7563, 0.2833,
0.2624

 26.3155, 0.2673,
0.2317


123.1430, 0.2857,
0.2673

 17.0598, 0.2603,
0.2192


155.3090, 0.2878,
0.2716

 10.2772, 0.2509,
0.2031

192.6389, 0.2896,
0.2753

 5.5831, 0.2377,
0.1820

235.5169, 0.2911,
0.2785

 2.5933, 0.2182,
0.1532

284.3275, 0.2924,

 0.9233, 0.1874,

0.2814

0.1130

339.4550, 0.2936,
0.2840

0.0000, 0.1174,
0.0000

0.0000, 0.0000,
0.0000

53.7835, 0.2770,
0.2499

53.7835, 0.2770,
0.2499

41.7715, 0.2611,
0.2177

68.0114, 0.2912,
0.2803

31.8552, 0.2440,
0.1847

84.5540, 0.3037,
0.3081

23.9128, 0.2262,
0.1526

99.9981, 0.3127,
0.3290

17.8072, 0.2086,
0.1234

■ 13.3828, 0.1923,
0.0990

■ 10.4572, 0.1784,
0.0812

■ 8.7828, 0.1677,
0.0703

■ 8.5582, 0.1660,
0.0688

Harmonies

Analogous

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



53.7835, 0.2385, 0.2471



53.7835, 0.2770, 0.2499



53.7835, 0.3286, 0.2699

Triad

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



53.7835, 0.2770, 0.2499



53.7835, 0.4146, 0.3835



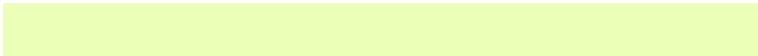
53.7835, 0.2476, 0.3531

Complementary

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



53.7835, 0.2770, 0.2499



92.5688, 0.3420, 0.4031

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.



53.7835, 0.2909, 0.4009



53.7835, 0.2770, 0.2499



53.7835, 0.3881, 0.4146

Square

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



53.7835, 0.2770, 0.2499



53.7835, 0.4120, 0.3432



53.7835, 0.3424, 0.4236



53.7835, 0.2225, 0.3017

Rectangle

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



53.7835, 0.2770, 0.2499



53.7835, 0.3637, 0.2908



53.7835, 0.3424, 0.4236



53.7835, 0.2604, 0.3706

Sweetspot

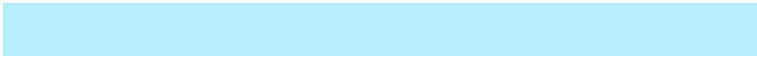
The Sweet Spot groups the original color and five complimentary colors.



53.7857, 0.2770, 0.2499



84.9825, 0.3040, 0.3087



77.1473, 0.2694, 0.3079



17.6226, 0.3022, 0.3047



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.



53.7857, 0.2770, 0.2499



46.6011, 0.2680, 0.2315



59.2909, 0.3031, 0.2557



17.6226, 0.3022, 0.3047



4.5367, 0.1674, 0.0696



0.4936, 0.1788, 0.0759

Inverse Universe

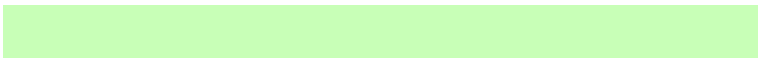
The Inverse Universe completely reimagines the original color for something new.



61.1133, 0.3314, 0.2769



55.1374, 0.3362, 0.2660



87.1700, 0.3191, 0.4087



18.2090, 0.3181, 0.3120



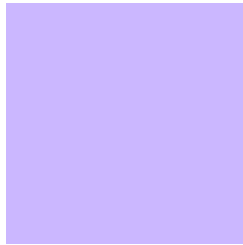
12.9433, 0.4068, 0.2015



1.2788, 0.3947, 0.1948

Previews

White Background



This preview shows how the Yxy color 53.7835, 0.2770, 0.2499 looks on a white background.

Color Contrast Check

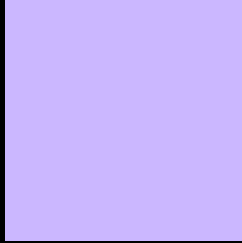
Large Text (above 18pt) WCAG AA × Fail

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 53.7835, 0.2770, 0.2499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

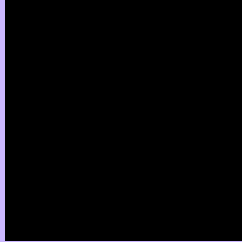
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7835, 0.2770, 0.2499

Background



This preview shows how black text looks on a background with the Yxy color 53.7835, 0.2770, 0.2499.

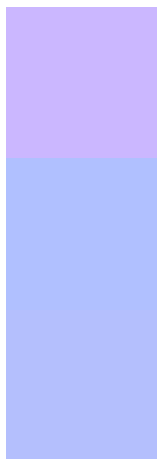


This preview shows how white text looks on a background with the Yxy color 53.7835, 0.2770, 0.2499.

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

53.7835, 0.2770, 0.2499

Protanopia

54.1494, 0.2596, 0.2565

Deuteranopia

54.0568, 0.2632, 0.2578



Tritanopia

53.8064, 0.3040, 0.3109

Trichromacy



Original Color

53.7835, 0.2770, 0.2499

Protanomaly

54.0543, 0.2657, 0.2542

Deuteranomaly

53.8136, 0.2675, 0.2543

Tritanomaly

53.7828, 0.2942, 0.2880

Monochromacy



Original Color

53.7835, 0.2770, 0.2499

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.9033, 0.2992, 0.2984

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7835, 0.2770, 0.2499 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, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 183, 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(203, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 183, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.7835, 0.2770, 0.2499 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, 183, 255) }
```

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

```
.border{ border-color:rgb(203, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 183,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7835, 0.2770, 0.2499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 183, 255) }
```

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

```
.background{ background-color: rgb(203,  
183, 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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