

Converting Colors

Yxy(52.1749, 0.2678, 0.2448)

Have a look what the booklet for
Yxy(52.1749, 0.2678, 0.2448)
contains.

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Color

Yxy(51.8824, 0.2691, 0.2470)

Conversions

Conversions Part 1

Format	Color
Hex	C0B6FF
RGB	192, 182, 255
RGB Percent	75%, 71%, 100%
CMY	0.2469, 0.2863, 0.0000
CMYK	0.25, 0.29, 0.00, 0.00
HSL	248°, 100%, 86%
HSV	248°, 29%, 100%
XYZ	56.5245, 51.8824, 101.6433
YIQ	193.3120, -17.4730, 24.8230

Conversions

Conversions Part 2

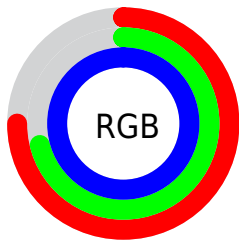
Format	Color
R _Y B	192, 182, 255
Decimal	12629759
CIE Lab	77.21, 18.70, -34.76
CIE LCh	77, 39.470, 298.283
Yxy	51.8824, 0.2691, 0.2470
Android (android.graphics.Color)	4290819839 (0xFFC0B6FF)
YUV	193.3120, 30.4122, -1.1506
Hunter-Lab	72.0294, 14.0249, -33.2456

Details

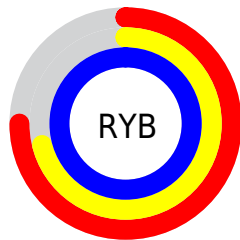
The Yxy color **51.8824, 0.2691, 0.2470** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.2992, 0.3493, 0.4025**, and the grayscale version is **53.3512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5088, 0.3096, 0.3125**, and **25.0961, 0.2573, 0.2277** is the 20% darker color. If you saturate the color by 10%, you get **39.7144, 0.2504, 0.2134**, and if you desaturate by 10%, it is **66.3847, 0.2861, 0.2784**.

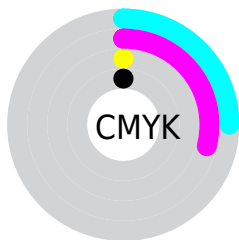
Distribution



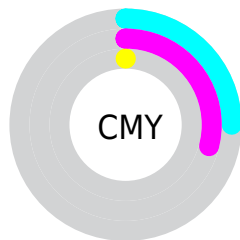
- Red (75%)
- Green (71%)
- Blue (100%)



- Red (75%)
- Yellow (71%)
- Blue (100%)



- Cyan (25%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8824, 0.2691, 0.2470 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 51.8824, 0.2691, 0.2470 by changing the saturation by 10% instead.

■ 51.8824, 0.2691,
0.2470

■ 51.8824, 0.2691,
0.2470

■ 393.9824, 0.2906,
0.2850

■ 36.9113, 0.2639,
0.2384

■ 92.9578, 0.2768,
0.2601

■ 25.1389, 0.2574,
0.2279

■ 119.8309, 0.2797,
0.2653

■ 16.1805, 0.2490,
0.2147

■ 151.4402, 0.2822,
0.2697

■ 9.6520, 0.2378,
0.1977

■ 188.1700, 0.2843,
0.2735

■ 5.1688, 0.2222,
0.1754

■ 230.4047, 0.2862,
0.2769

■ 2.3467, 0.1993,
0.1451

■ 278.5288, 0.2878,

■ 0.7982, 0.1640,

0.2799

0.1028

332.9265, 0.2893,
0.2826

0.0000, 0.0592,
0.0000

0.0000, 0.0000,
0.0000

51.8824, 0.2691,
0.2470

51.8824, 0.2691,
0.2470

39.7144, 0.2504,
0.2134

66.3847, 0.2861,
0.2784

29.7525, 0.2306,
0.1787

83.3287, 0.3012,
0.3069

21.8653, 0.2107,
0.1450

100.0000, 0.3127,
0.3290

15.9047, 0.1919,
0.1146

■ 11.7029, 0.1757,
0.0899

■ 9.0627, 0.1633,
0.0727

■ 7.7104, 0.1552,
0.0634

■ 7.5795, 0.1544,
0.0624

Harmonies

Analogous

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



51.8824, 0.2329, 0.2472



51.8824, 0.2691, 0.2470



51.8824, 0.3202, 0.2648

Triad

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



51.8824, 0.2691, 0.2470



51.8824, 0.4180, 0.3781



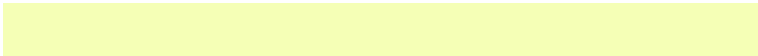
51.8824, 0.2524, 0.3621

Complementary

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



51.8824, 0.2691, 0.2470



94.2992, 0.3493, 0.4025

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.



51.8824, 0.2985, 0.4080



51.8824, 0.2691, 0.2470



51.8824, 0.3952, 0.4121

Square

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



51.8824, 0.2691, 0.2470



51.8824, 0.4104, 0.3367



51.8824, 0.3509, 0.4259



51.8824, 0.2237, 0.3087

Rectangle

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



51.8824, 0.2691, 0.2470



51.8824, 0.3565, 0.2847



51.8824, 0.3509, 0.4259



51.8824, 0.2662, 0.3794

Sweetspot

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



51.8844, 0.2691, 0.2470



82.6595, 0.3007, 0.3059



82.6293, 0.2700, 0.3183



17.1344, 0.2986, 0.3020



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.



51.8844, 0.2691, 0.2470



45.0686, 0.2592, 0.2292



57.2033, 0.2955, 0.2529



17.4977, 0.3000, 0.3046



3.9968, 0.1553, 0.0629



0.4240, 0.1634, 0.0674

Inverse Universe

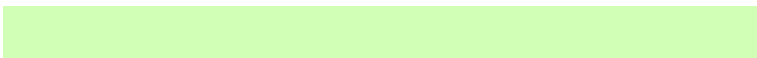
The Inverse Universe completely reimagines the original color for something new.



61.3009, 0.3237, 0.2665



55.8507, 0.3261, 0.2548



88.4174, 0.3254, 0.4085



18.2548, 0.3159, 0.3088



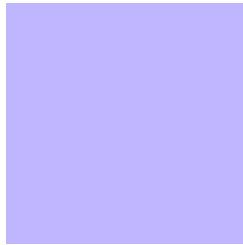
13.8220, 0.3592, 0.1752



1.3572, 0.3541, 0.1725

Previews

White Background



This preview shows how the Yxy color 51.8824, 0.2691, 0.2470 looks on a white background.

Color Contrast Check

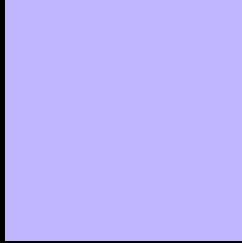
Large Text (above 18pt) WCAG AA × Fail

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 51.8824, 0.2691, 0.2470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

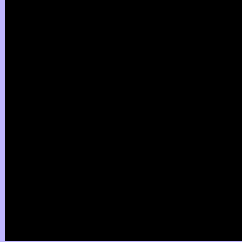
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8824, 0.2691, 0.2470

Background



This preview shows how black text looks on a background with the Yxy color 51.8824, 0.2691, 0.2470.

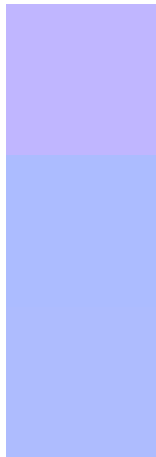


This preview shows how white text looks on a background with the Yxy color 51.8824, 0.2691, 0.2470.

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

51.8824, 0.2691, 0.2470

Protanopia

51.9571, 0.2565, 0.2512

Deuteranopia

52.1209, 0.2583, 0.2524



Tritanopia

51.7851, 0.2954, 0.3103

Trichromacy



Original Color

51.8824, 0.2691, 0.2470

Protanomaly

51.9215, 0.2607, 0.2498

Deuteranomaly

52.0973, 0.2626, 0.2510

Tritanomaly

51.7874, 0.2851, 0.2857

Monochromacy



Original Color

51.8824, 0.2691, 0.2470

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.6905, 0.2960, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8824, 0.2691, 0.2470 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(192, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 182, 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(192, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 182, 255) }
```

Border

The CSS property to change the border of an element to Yxy 51.8824, 0.2691, 0.2470 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(192, 182, 255) }
```

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

```
.border{ border-color:rgb(192, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 182,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8824, 0.2691, 0.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 182, 255) }
```

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

```
.background{ background-color: rgb(192,  
182, 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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