

Converting Colors

Yxy(51.0043, 0.2716, 0.2437)

Have a look what the booklet for
Yxy(51.0043, 0.2716, 0.2437)
contains.

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Color

Yxy(51.1960, 0.2716, 0.2442)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C4B3FF |
| RGB | 196, 179, 255 |
| RGB Percent | 77%, 70%, 100% |
| CMY | 0.2313, 0.2981, 0.0000 |
| CMYK | 0.23, 0.30, 0.00, 0.00 |
| HSL | 253°, 100%, 85% |
| HSV | 253°, 30%, 100% |
| XYZ | 56.9404, 51.1960, 101.5115 |
| YIQ | 192.7470, -14.2640, 27.2400 |

Conversions

Conversions Part 2

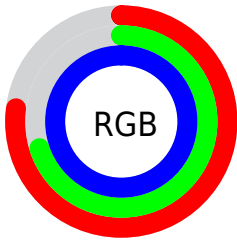
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 196, 179, 255 |
| Decimal | 12891135 |
| CIE _{Lab} | 76.80, 21.51, -35.38 |
| CIE _{LCh} | 77, 41.410, 301.295 |
| Yxy | 51.1960, 0.2716, 0.2442 |
| Android (android.graphics.Color) | 4291081215 (0xFFC4B3FF) |
| YUV | 192.7470, 30.6907, 2.8529 |
| Hunter-Lab | 71.5514, 16.8348, -34.0300 |

Details

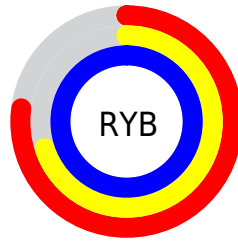
The Yxy color **51.1960, 0.2716, 0.2442** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.9490, 0.3464, 0.4068**, and the grayscale version is **52.9954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7075, 0.3130, 0.3097**, and **24.6616, 0.2604, 0.2242** is the 20% darker color. If you saturate the color by 10%, you get **39.4213, 0.2544, 0.2112**, and if you desaturate by 10%, it is **65.2112, 0.2872, 0.2753**.

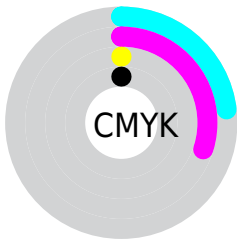
Distribution



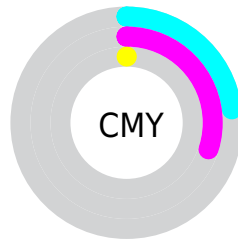
- Red (77%)
- Green (70%)
- Blue (100%)



- Red (77%)
- Yellow (70%)
- Blue (100%)



- Cyan (23%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1960, 0.2716, 0.2442 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 51.1960, 0.2716, 0.2442 by changing the saturation by 10% instead.


 51.1960, 0.2716,
0.2442

 51.1960, 0.2716,
0.2442


391.3248, 0.2920,
0.2834

 36.3646, 0.2666,
0.2354


 91.9444, 0.2789,
0.2577

 24.7159, 0.2604,
0.2245


118.6303, 0.2817,
0.2630

 15.8655, 0.2523,
0.2110


150.0364, 0.2841,
0.2676

 9.4291, 0.2414,
0.1937

186.5471, 0.2861,
0.2715

 5.0221, 0.2262,
0.1709

228.5470, 0.2879,
0.2750

 2.2602, 0.2038,
0.1402

276.4203, 0.2894,

 0.7525, 0.1690,

0.2781

0.0973

330.5514, 0.2908,
0.2809

0.0000, 0.0679,
0.0000

0.0000, 0.0000,
0.0000

51.1960, 0.2716,
0.2442

51.1960, 0.2716,
0.2442

39.4213, 0.2544,
0.2112

65.2112, 0.2872,
0.2753

29.7683, 0.2361,
0.1776

81.5752, 0.3010,
0.3038

22.1085, 0.2173,
0.1451

100.0000, 0.3127,
0.3290

16.2986, 0.1993,
0.1159

■ 12.1758, 0.1832,
0.0922

■ 9.5475, 0.1702,
0.0756

■ 8.1146, 0.1607,
0.0660

■ 8.0925, 0.1606,
0.0658

Harmonies

Analogous

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



51.1960, 0.2318, 0.2422



51.1960, 0.2716, 0.2442



51.1960, 0.3263, 0.2645

Triad

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



51.1960, 0.2716, 0.2442



51.1960, 0.4225, 0.3843



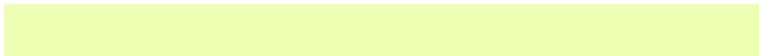
51.1960, 0.2452, 0.3581

Complementary

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



51.1960, 0.2716, 0.2442



92.9490, 0.3464, 0.4068

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.



51.1960, 0.2921, 0.4089



51.1960, 0.2716, 0.2442



51.1960, 0.3954, 0.4189

Square

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



51.1960, 0.2716, 0.2442



51.1960, 0.4181, 0.3411



51.1960, 0.3471, 0.4311



51.1960, 0.2175, 0.3022

Rectangle

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



51.1960, 0.2716, 0.2442



51.1960, 0.3643, 0.2861



51.1960, 0.3471, 0.4311



51.1960, 0.2591, 0.3769

Sweetspot

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



51.1962, 0.2716, 0.2442



82.9983, 0.3020, 0.3060



78.2630, 0.2676, 0.3108



17.2172, 0.3001, 0.3021



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.



51.1962, 0.2716, 0.2442



43.6452, 0.2611, 0.2240



56.8610, 0.2995, 0.2507



17.5738, 0.3014, 0.3047



4.2822, 0.1618, 0.0665



0.4629, 0.1722, 0.0722

Inverse Universe

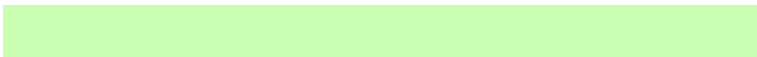
The Inverse Universe completely reimagines the original color for something new.



59.6710, 0.3293, 0.2700



53.4918, 0.3337, 0.2576



87.1271, 0.3218, 0.4132



18.2267, 0.3172, 0.3107



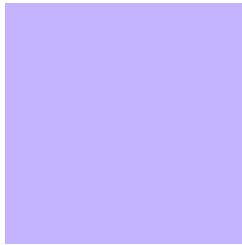
13.2607, 0.3873, 0.1907



1.3074, 0.3782, 0.1857

Previews

White Background



This preview shows how the Yxy color 51.1960, 0.2716, 0.2442 looks on a white background.

Color Contrast Check

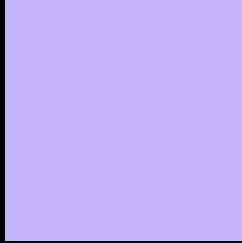
Large Text (above 18pt) WCAG AA × Fail

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 51.1960, 0.2716, 0.2442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

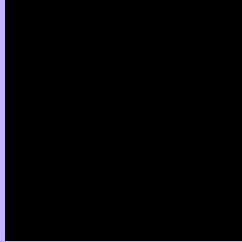
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1960, 0.2716, 0.2442

Background



This preview shows how black text looks on a background with the Yxy color 51.1960, 0.2716, 0.2442.

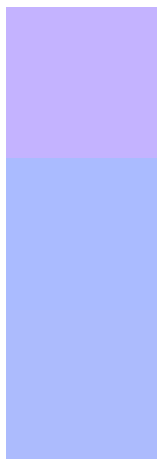


This preview shows how white text looks on a background with the Yxy color 51.1960, 0.2716, 0.2442.

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

51.1960, 0.2716, 0.2442

Protanopia

51.3067, 0.2550, 0.2497

Deuteranopia

51.4032, 0.2574, 0.2520



Tritanopia

51.3196, 0.2999, 0.3104

Trichromacy



Original Color

51.1960, 0.2716, 0.2442

Protanomaly

51.0847, 0.2604, 0.2474

Deuteranomaly

51.2605, 0.2624, 0.2486

Tritanomaly

50.9728, 0.2887, 0.2835

Monochromacy



Original Color

51.1960, 0.2716, 0.2442

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3936, 0.2968, 0.2955

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1960, 0.2716, 0.2442 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(196, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 179, 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(196, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 179, 255) }
```

Border

The CSS property to change the border of an element to Yxy 51.1960, 0.2716, 0.2442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

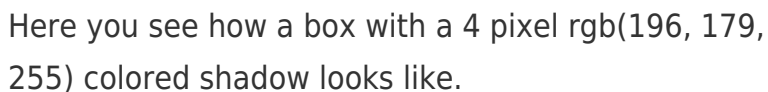
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 179, 255) }
```

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

```
.border{ border-color:rgb(196, 179, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 179,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1960, 0.2716, 0.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 179, 255) }
```

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

```
.background{ background-color: rgb(196,  
179, 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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