

Converting Colors

Yxy(51.0522, 0.2719, 0.2437)

Have a look what the booklet for
Yxy(51.0522, 0.2719, 0.2437)
contains.

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Color

Yxy(50.7966, 0.2715, 0.2431)

Conversions

Conversions Part 1

Format	Color
Hex	C4B2FF
RGB	196, 178, 255
RGB Percent	77%, 70%, 100%
CMY	0.2315, 0.3019, 0.0000
CMYK	0.23, 0.30, 0.00, 0.00
HSL	254°, 100%, 85%
HSV	254°, 30%, 100%
XYZ	56.7309, 50.7966, 101.4260
YIQ	192.1600, -13.9890, 27.7630

Conversions

Conversions Part 2

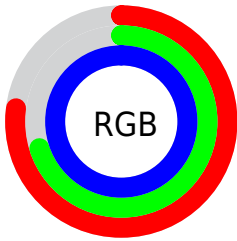
Format	Color
R _Y B	196, 178, 255
Decimal	12890879
CIE Lab	76.56, 22.04, -35.75
CIE LCh	77, 41.993, 301.651
Yxy	50.7966, 0.2715, 0.2431
Android (android.graphics.Color)	4291080959 (0xFFC4B2FF)
YUV	192.1600, 30.9801, 3.3677
Hunter-Lab	71.2717, 17.3569, -34.4847

Details

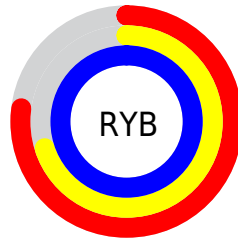
The Yxy color **50.7966, 0.2715, 0.2431** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.7454, 0.3463, 0.4079**, and the grayscale version is **52.6319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1365, 0.3130, 0.3087**, and **24.4072, 0.2603, 0.2228** is the 20% darker color. If you saturate the color by 10%, you get **39.1231, 0.2544, 0.2102**, and if you desaturate by 10%, it is **64.7011, 0.2870, 0.2742**.

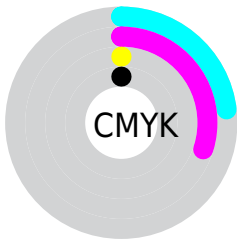
Distribution



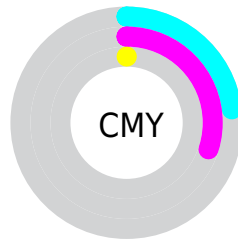
- Red (77%)
- Green (70%)
- Blue (100%)



- 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 50.7966, 0.2715, 0.2431 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 50.7966, 0.2715, 0.2431 by changing the saturation by 10% instead.

 50.7966, 0.2715,
0.2431

 50.7966, 0.2715,
0.2431


389.7730, 0.2920,
0.2828

 36.0468, 0.2665,
0.2342


 91.3540, 0.2789,
0.2568

 24.4703, 0.2602,
0.2232


117.9304, 0.2817,
0.2621

 15.6829, 0.2521,
0.2095


149.2178, 0.2840,
0.2668

 9.3000, 0.2411,
0.1920

185.6005, 0.2861,
0.2708

 4.9374, 0.2257,
0.1690

227.4630, 0.2879,
0.2743

 2.2106, 0.2031,
0.1380

275.1897, 0.2894,

 0.7257, 0.1681,

0.2775

0.0946

329.1649, 0.2908,
0.2803

■ 0.0000, 0.0638,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.7966, 0.2715,
0.2431

■ 50.7966, 0.2715,
0.2431

■ 39.1231, 0.2544,
0.2102

■ 64.7011, 0.2870,
0.2742

■ 29.5577, 0.2362,
0.1767

■ 80.9405, 0.3006,
0.3028

■ 21.9732, 0.2176,
0.1444

99.6183, 0.3125,
0.3285

■ 16.2266, 0.1997,
0.1154

100.0000, 0.3127,
0.3290

■ 12.1546, 0.1838,
0.0920

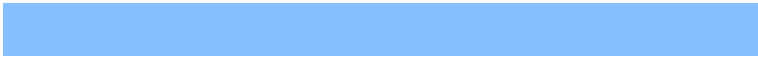
■ 9.5643, 0.1707,
0.0756

■ 8.1652, 0.1614,
0.0663

Harmonies

Analogous

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



50.7966, 0.2310, 0.2408



50.7966, 0.2715, 0.2431



50.7966, 0.3271, 0.2639

Triad

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



50.7966, 0.2715, 0.2431



50.7966, 0.4241, 0.3855



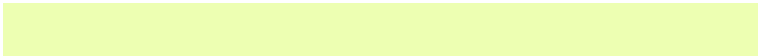
50.7966, 0.2436, 0.3578

Complementary

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



50.7966, 0.2715, 0.2431



92.7454, 0.3463, 0.4079

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.



50.7966, 0.2910, 0.4099



50.7966, 0.2715, 0.2431



50.7966, 0.3961, 0.4206

Square

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



50.7966, 0.2715, 0.2431



50.7966, 0.4201, 0.3417



50.7966, 0.3469, 0.4328



50.7966, 0.2159, 0.3010

Rectangle

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



50.7966, 0.2715, 0.2431



50.7966, 0.3658, 0.2859



50.7966, 0.3469, 0.4328



50.7966, 0.2577, 0.3771

Sweetspot

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



50.7983, 0.2715, 0.2431



83.0357, 0.3021, 0.3060



77.2757, 0.2668, 0.3091



17.2264, 0.3003, 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.



50.7983, 0.2715, 0.2431



43.7527, 0.2618, 0.2241



56.6377, 0.3003, 0.2499



17.5822, 0.3015, 0.3047



4.3221, 0.1627, 0.0670



0.4678, 0.1732, 0.0728

Inverse Universe

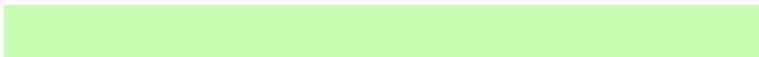
The Inverse Universe completely reimagines the original color for something new.



59.2221, 0.3302, 0.2699



53.4418, 0.3344, 0.2584



86.8144, 0.3211, 0.4146



18.2236, 0.3174, 0.3110



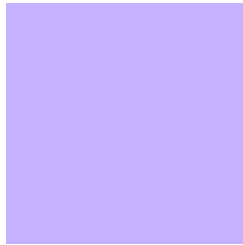
13.2036, 0.3906, 0.1925



1.3023, 0.3810, 0.1872

Previews

White Background



This preview shows how the Yxy color 50.7966, 0.2715, 0.2431 looks on a white background.

Color Contrast Check

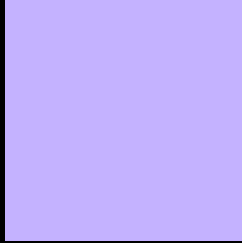
Large Text (above 18pt) WCAG AA × Fail

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 50.7966, 0.2715, 0.2431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

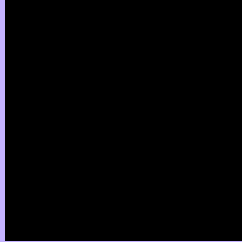
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7966, 0.2715, 0.2431

Background



This preview shows how black text looks on a background with the Yxy color 50.7966, 0.2715, 0.2431.

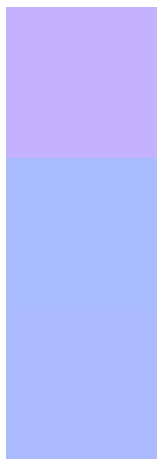


This preview shows how white text looks on a background with the Yxy color 50.7966, 0.2715, 0.2431.

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

50.7966, 0.2715, 0.2431

Protanopia

51.1957, 0.2544, 0.2496

Deuteranopia

50.8676, 0.2566, 0.2506



Tritanopia

50.7173, 0.2999, 0.3103

Trichromacy



Original Color

50.7966, 0.2715, 0.2431

Protanomaly

51.0847, 0.2604, 0.2474

Deuteranomaly

50.7260, 0.2616, 0.2473

Tritanomaly

50.5021, 0.2893, 0.2834

Monochromacy



Original Color

50.7966, 0.2715, 0.2431

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.7844, 0.2967, 0.2953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7966, 0.2715, 0.2431 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, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 178, 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, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 178, 255) }
```

Border

The CSS property to change the border of an element to Yxy 50.7966, 0.2715, 0.2431 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, 178, 255) }
```

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

```
.border{ border-color:rgb(196, 178, 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, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 178,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7966, 0.2715, 0.2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 178, 255) }
```

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

```
.background{ background-color: rgb(196,  
178, 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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