

Converting Colors

Yxy(58.9193, 0.2289, 0.1880)

Have a look what the booklet for
Yxy(58.9193, 0.2289, 0.1880)
contains.

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Color

Yxy(52.7367, 0.2673, 0.2500)

Conversions

Conversions Part 1

Format	Color
Hex	BDB9FF
RGB	189, 185, 255
RGB Percent	74%, 73%, 100%
CMY	0.2588, 0.2745, 0.0000
CMYK	0.26, 0.27, 0.00, 0.00
HSL	243°, 100%, 86%
HSV	243°, 27%, 100%
XYZ	56.3861, 52.7367, 101.8240
YIQ	194.1760, -20.0860, 22.6180

Conversions

Conversions Part 2

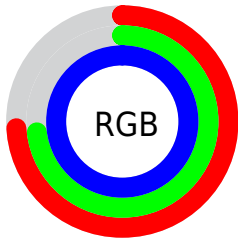
Format	Color
R _Y B	189, 185, 255
Decimal	12433919
CIE Lab	77.72, 16.17, -34.00
CIE LCh	78, 37.644, 295.431
Yxy	52.7367, 0.2673, 0.2500
Android (android.graphics.Color)	4290623999 (0xFFBDB9FF)
YUV	194.1760, 29.9862, -4.5394
Hunter-Lab	72.6200, 11.5119, -32.2993

Details

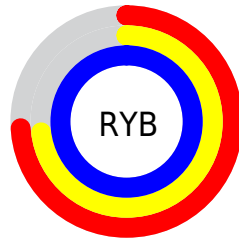
The Yxy color $52.7367, 0.2673, 0.2500$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95.5326, 0.3517, 0.3985$, and the grayscale version is $53.8869, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.7234, 0.3075, 0.3153$, and $25.6481, 0.2552, 0.2315$ is the 20% darker color. If you saturate the color by 10%, you get $40.1843, 0.2473, 0.2159$, and if you desaturate by 10%, it is $67.7147, 0.2856, 0.2816$.

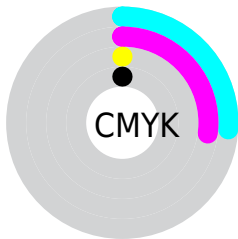
Distribution



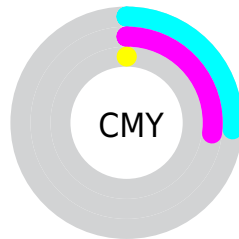
- Red (74%)
- Green (73%)
- Blue (100%)



- Red (74%)
- Yellow (73%)
- Blue (100%)



- Cyan (26%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7367, 0.2673, 0.2500 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 52.7367, 0.2673, 0.2500 by changing the saturation by 10% instead.

■ 52.7367, 0.2673,
0.2500

■ 52.7367, 0.2673,
0.2500

■ 397.2741, 0.2895,
0.2867

■ 37.5926, 0.2620,
0.2417

■ 94.2168, 0.2752,
0.2627

■ 25.6667, 0.2553,
0.2315

■ 121.3216, 0.2782,
0.2676

■ 16.5744, 0.2467,
0.2187

■ 153.1822, 0.2808,
0.2719

■ 9.9315, 0.2353,
0.2022

■ 190.1828, 0.2830,
0.2756

■ 5.3536, 0.2195,
0.1804

■ 232.7079, 0.2850,
0.2789

■ 2.4562, 0.1965,
0.1507

■ 281.1419, 0.2867,

■ 0.8546, 0.1611,

0.2818

0.1091

335.8692, 0.2882,
0.2844

0.0000, 0.0560,
0.0000

0.0000, 0.0000,
0.0000

52.7367, 0.2673,
0.2500

52.7367, 0.2673,
0.2500

40.1843, 0.2473,
0.2159

67.7147, 0.2856,
0.2816

29.9261, 0.2263,
0.1804

85.2323, 0.3019,
0.3100

21.8244, 0.2055,
0.1457

100.0000, 0.3127,
0.3290

15.7250, 0.1863,
0.1142

■ 11.4535, 0.1702,
0.0887

■ 8.8052, 0.1587,
0.0712

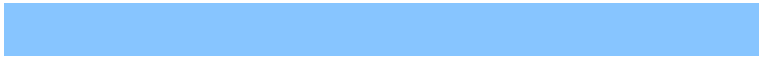
■ 7.5173, 0.1522,
0.0621

■ 7.3179, 0.1512,
0.0607

Harmonies

Analogous

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



52.7367, 0.2343, 0.2521



52.7367, 0.2673, 0.2500



52.7367, 0.3150, 0.2655

Triad

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



52.7367, 0.2673, 0.2500



52.7367, 0.4133, 0.3726



52.7367, 0.2590, 0.3651

Complementary

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



52.7367, 0.2673, 0.2500



95.5326, 0.3517, 0.3985

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.



52.7367, 0.3041, 0.4066



52.7367, 0.2673, 0.2500



52.7367, 0.3943, 0.4057

Square

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



52.7367, 0.2673, 0.2500



52.7367, 0.4031, 0.3328



52.7367, 0.3538, 0.4207



52.7367, 0.2296, 0.3145

Rectangle

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



52.7367, 0.2673, 0.2500



52.7367, 0.3495, 0.2838



52.7367, 0.3538, 0.4207



52.7367, 0.2728, 0.3811

Sweetspot

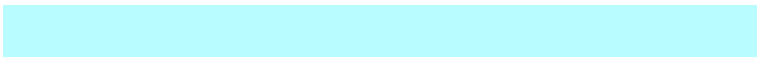
The Sweet Spot groups the original color and five complimentary colors.



52.7380, 0.2673, 0.2500



84.2005, 0.3011, 0.3086



86.8419, 0.2722, 0.3251



17.4272, 0.2987, 0.3045



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.



52.7380, 0.2673, 0.2500



45.4792, 0.2564, 0.2313



57.6869, 0.2921, 0.2553



17.4272, 0.2987, 0.3045



3.8432, 0.1517, 0.0609



0.3908, 0.1557, 0.0631

Inverse Universe

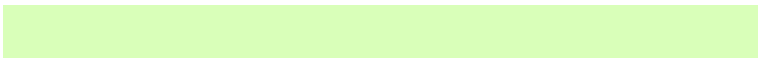
The Inverse Universe completely reimagines the original color for something new.



62.9244, 0.3189, 0.2640



57.2435, 0.3203, 0.2510



89.6984, 0.3287, 0.4040



18.2814, 0.3147, 0.3069



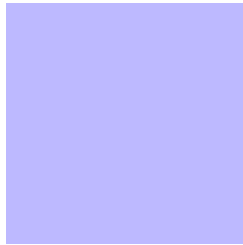
14.4175, 0.3358, 0.1624



1.4090, 0.3339, 0.1613

Previews

White Background



This preview shows how the Yxy color 52.7367, 0.2673, 0.2500 looks on a white background.

Color Contrast Check

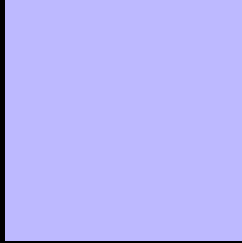
Large Text (above 18pt) WCAG AA × Fail

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 52.7367, 0.2673, 0.2500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

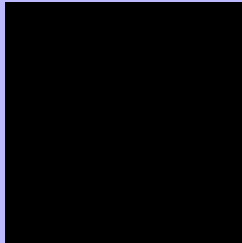
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7367, 0.2673, 0.2500

Background



This preview shows how black text looks on a background with the Yxy color 52.7367, 0.2673, 0.2500.

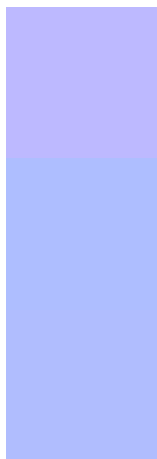


This preview shows how white text looks on a background with the Yxy color 52.7367, 0.2673, 0.2500.

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

52.7367, 0.2673, 0.2500

Protanopia

53.0456, 0.2580, 0.2538

Deuteranopia

52.7811, 0.2597, 0.2539



Tritanopia

52.8903, 0.2912, 0.3103

Trichromacy



Original Color

52.7367, 0.2673, 0.2500

Protanomaly

52.7701, 0.2610, 0.2521

Deuteranomaly

52.9460, 0.2629, 0.2534

Tritanomaly

52.8199, 0.2818, 0.2869

Monochromacy



Original Color

52.7367, 0.2673, 0.2500

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4259, 0.2953, 0.2990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7367, 0.2673, 0.2500 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(189, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 185, 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(189, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 185, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.7367, 0.2673, 0.2500 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(189, 185, 255) }
```

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

```
.border{ border-color:rgb(189, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 185,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7367, 0.2673, 0.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 185, 255) }
```

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

```
.background{ background-color: rgb(189,  
185, 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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