

Converting Colors

Yxy(51.5249, 0.2618, 0.2483)

Have a look what the booklet for
Yxy(51.5249, 0.2618, 0.2483)
contains.

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Color

Yxy(51.7417, 0.2619, 0.2489)

Conversions

Conversions Part 1

Format	Color
Hex	B5B9FF
RGB	181, 185, 255
RGB Percent	71%, 73%, 100%
CMY	0.2903, 0.2744, 0.0001
CMYK	0.29, 0.27, 0.00, 0.00
HSL	237°, 100%, 85%
HSV	237°, 29%, 100%
XYZ	54.4442, 51.7417, 101.6956
YIQ	191.7840, -24.8540, 20.9220

Conversions

Conversions Part 2

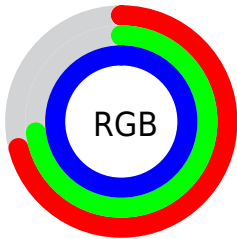
Format	Color
R _Y B	181, 185, 255
Decimal	11909631
CIE Lab	77.13, 13.84, -34.94
CIE LCh	77, 37.579, 291.614
Yxy	51.7417, 0.2619, 0.2489
Android (android.graphics.Color)	4290099711 (0xFFB5B9FF)
YUV	191.7840, 31.1655, -9.4576
Hunter-Lab	71.9317, 9.2238, -33.4708

Details

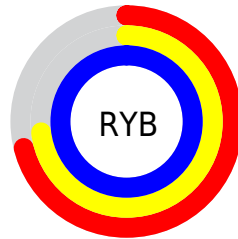
The Yxy color **51.7417, 0.2619, 0.2489** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.5285, 0.3578, 0.3982**, and the grayscale version is **52.4038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3077, 0.3025, 0.3151**, and **25.0154, 0.2484, 0.2297** is the 20% darker color. If you saturate the color by 10%, you get **39.6946, 0.2412, 0.2158**, and if you desaturate by 10%, it is **66.0659, 0.2812, 0.2795**.

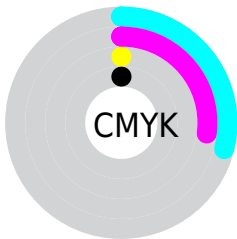
Distribution



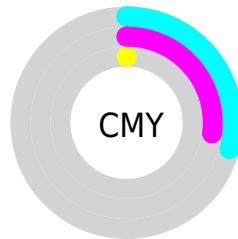
- Red (71%)
- Green (73%)
- Blue (100%)



- Red (71%)
- Yellow (73%)
- Blue (100%)



- Cyan (29%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7417, 0.2619, 0.2489 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 51.7417, 0.2619, 0.2489 by changing the saturation by 10% instead.

■ 51.7417, 0.2619,
0.2489

■ 51.7417, 0.2619,
0.2489

■ 393.4386, 0.2867,
0.2863

■ 36.7992, 0.2560,
0.2404

■ 92.7502, 0.2707,
0.2619

■ 25.0521, 0.2486,
0.2299

■ 119.5850, 0.2741,
0.2669

■ 16.1159, 0.2391,
0.2168

■ 151.1527, 0.2769,
0.2713

■ 9.6062, 0.2265,
0.1998

■ 187.8377, 0.2794,
0.2750

■ 5.1386, 0.2092,
0.1774

■ 230.0244, 0.2816,
0.2784

■ 2.3288, 0.1841,
0.1468

■ 278.0972, 0.2835,

■ 0.7889, 0.1464,

0.2813

0.1038

332.4405, 0.2852,
0.2839

0.0000, 0.0135,
0.0000

0.0000, 0.0000,
0.0000

51.7417, 0.2619,
0.2489

51.7417, 0.2619,
0.2489

39.6946, 0.2412,
0.2158

66.0659, 0.2812,
0.2795

29.8015, 0.2200,
0.1813

82.7695, 0.2986,
0.3070

21.9371, 0.1994,
0.1474

99.9978, 0.3127,
0.3290

15.9607, 0.1809,
0.1164

■ 11.7134, 0.1661,
0.0909

■ 9.0104, 0.1561,
0.0729

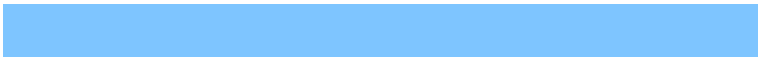
■ 7.6139, 0.1510,
0.0629

■ 7.5309, 0.1507,
0.0623

Harmonies

Analogous

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



51.7417, 0.2311, 0.2534



51.7417, 0.2619, 0.2489



51.7417, 0.3084, 0.2624

Triad

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



51.7417, 0.2619, 0.2489



51.7417, 0.4142, 0.3678



51.7417, 0.2639, 0.3716

Complementary

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



51.7417, 0.2619, 0.2489



93.5285, 0.3578, 0.3982

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.



51.7417, 0.3104, 0.4105



51.7417, 0.2619, 0.2489



51.7417, 0.3985, 0.4026

Square

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



51.7417, 0.2619, 0.2489



51.7417, 0.4001, 0.3277



51.7417, 0.3599, 0.4207



51.7417, 0.2319, 0.3206

Rectangle

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



51.7417, 0.2619, 0.2489



51.7417, 0.3432, 0.2797



51.7417, 0.3599, 0.4207



51.7417, 0.2782, 0.3870

Sweetspot

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



51.7437, 0.2619, 0.2489



82.8359, 0.2987, 0.3071



88.2221, 0.2730, 0.3342



17.1772, 0.2963, 0.3033



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.



51.7437, 0.2619, 0.2489



44.2892, 0.2497, 0.2293



54.4032, 0.2842, 0.2493



17.5372, 0.2978, 0.3058



4.0001, 0.1509, 0.0632



0.4431, 0.1530, 0.0709

Inverse Universe

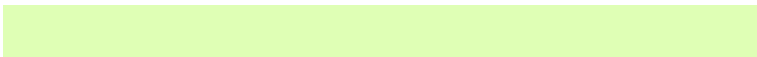
The Inverse Universe completely reimagines the original color for something new.



57.7915, 0.3739, 0.3249



51.3681, 0.3921, 0.3241



90.5051, 0.3352, 0.4073



18.0032, 0.3286, 0.3277



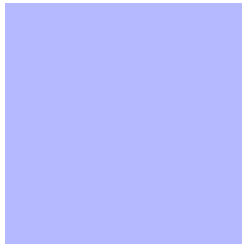
11.1318, 0.6346, 0.3269



1.0893, 0.6217, 0.3199

Previews

White Background



This preview shows how the Yxy color 51.7417, 0.2619, 0.2489 looks on a white background.

Color Contrast Check

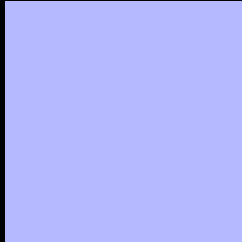
Large Text (above 18pt) WCAG AA × Fail

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 51.7417, 0.2619, 0.2489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

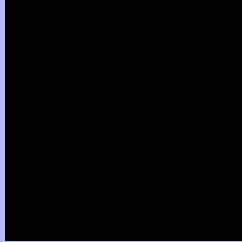
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7417, 0.2619, 0.2489

Background



This preview shows how black text looks on a background with the Yxy color 51.7417, 0.2619, 0.2489.

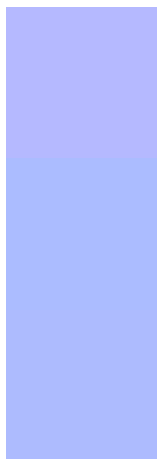


This preview shows how white text looks on a background with the Yxy color 51.7417, 0.2619, 0.2489.

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

51.7417, 0.2619, 0.2489

Protanopia

51.8444, 0.2558, 0.2511

Deuteranopia

51.5806, 0.2575, 0.2511



Tritanopia

51.8449, 0.2846, 0.3100

Trichromacy



Original Color

51.7417, 0.2619, 0.2489

Protanomaly

51.8746, 0.2582, 0.2504

Deuteranomaly

51.5037, 0.2593, 0.2503

Tritanomaly

51.8666, 0.2761, 0.2862

Monochromacy



Original Color

51.7417, 0.2619, 0.2489

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.9929, 0.2929, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7417, 0.2619, 0.2489 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(181, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 185, 255) }
```

Border

The CSS property to change the border of an element to Yxy 51.7417, 0.2619, 0.2489 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(181, 185, 255) }
```

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

```
.border{ border-color:rgb(181, 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(181, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 185,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7417, 0.2619, 0.2489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 185, 255) }
```

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

```
.background{ background-color: rgb(181,  
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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