

Converting Colors

Yxy(51.3091, 0.2606, 0.2480)

Have a look what the booklet for
Yxy(51.3091, 0.2606, 0.2480)
contains.

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Color

Yxy(51.5016, 0.2606, 0.2486)

Conversions

Conversions Part 1

Format	Color
Hex	B3B9FF
RGB	179, 185, 255
RGB Percent	70%, 73%, 100%
CMY	0.2980, 0.2745, 0.0001
CMYK	0.30, 0.27, 0.00, 0.00
HSL	235°, 100%, 85%
HSV	235°, 30%, 100%
XYZ	53.9876, 51.5016, 101.6773
YIQ	191.1860, -26.0460, 20.4980

Conversions

Conversions Part 2

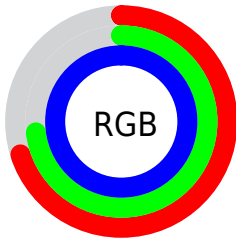
Format	Color
R_YB	179, 185, 255
Decimal	11778559
CIE Lab	76.98, 13.30, -35.17
CIE LCh	77, 37.604, 290.713
Yxy	51.5016, 0.2606, 0.2486
Android (android.graphics.Color)	4289968639 (0xFFB3B9FF)
YUV	191.1860, 31.4603, -10.6871
Hunter-Lab	71.7646, 8.6952, -33.7679

Details

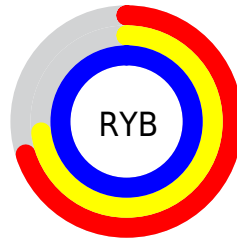
The Yxy color **51.5016, 0.2606, 0.2486** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.2500, 0.3595, 0.3984**, and the grayscale version is **52.0412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9635, 0.3012, 0.3150**, and **24.8648, 0.2467, 0.2293** is the 20% darker color. If you saturate the color by 10%, you get **39.7122, 0.2401, 0.2161**, and if you desaturate by 10%, it is **65.4799, 0.2798, 0.2786**.

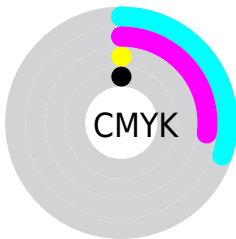
Distribution



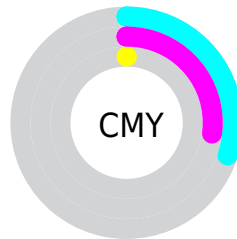
- Red (70%)
- Green (73%)
- Blue (100%)



- Red (70%)
- Yellow (73%)
- Blue (100%)



- Cyan (30%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5016, 0.2606, 0.2486 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 51.5016, 0.2606, 0.2486 by changing the saturation by 10% instead.

■ 51.5016, 0.2606,
0.2486

■ 51.5016, 0.2606,
0.2486

■ 392.5095, 0.2860,
0.2862

■ 36.6080, 0.2546,
0.2400

■ 92.3958, 0.2696,
0.2616

■ 24.9041, 0.2470,
0.2295

■ 119.1651, 0.2731,
0.2667

■ 16.0056, 0.2373,
0.2163

■ 150.6618, 0.2760,
0.2711

■ 9.5281, 0.2244,
0.1992

■ 187.2703, 0.2786,
0.2749

■ 5.0872, 0.2067,
0.1766

■ 229.3749, 0.2808,
0.2782

■ 2.2985, 0.1812,
0.1458

■ 277.3600, 0.2827,

■ 0.7729, 0.1429,

0.2812

0.1024

331.6101, 0.2844,
0.2838

0.0000, 0.0027,
0.0000

0.0000, 0.0000,
0.0000

51.5016, 0.2606,
0.2486

51.5016, 0.2606,
0.2486

39.7122, 0.2401,
0.2161

65.4799, 0.2798,
0.2786

29.9949, 0.2191,
0.1823

81.7438, 0.2974,
0.3056

22.2315, 0.1988,
0.1490

99.9981, 0.3127,
0.3290

16.2891, 0.1807,
0.1184

■ 12.0183, 0.1662,
0.0930

■ 9.2458, 0.1563,
0.0746

■ 7.7432, 0.1511,
0.0639

■ 7.7220, 0.1511,
0.0638

Harmonies

Analogous

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



51.5016, 0.2304, 0.2537



51.5016, 0.2606, 0.2486



51.5016, 0.3068, 0.2616

Triad

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



51.5016, 0.2606, 0.2486



51.5016, 0.4144, 0.3667



51.5016, 0.2650, 0.3731

Complementary

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



51.5016, 0.2606, 0.2486



92.2500, 0.3595, 0.3984

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.



51.5016, 0.3119, 0.4115



51.5016, 0.2606, 0.2486



51.5016, 0.3996, 0.4018

Square

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



51.5016, 0.2606, 0.2486



51.5016, 0.3994, 0.3265



51.5016, 0.3614, 0.4207



51.5016, 0.2324, 0.3221

Rectangle

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



51.5016, 0.2606, 0.2486



51.5016, 0.3417, 0.2787



51.5016, 0.3614, 0.4207



51.5016, 0.2795, 0.3884

Sweetspot

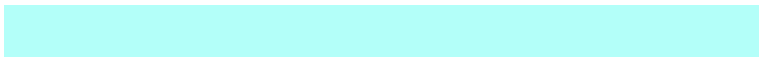
The Sweet Spot groups the original color and five complimentary colors.



51.5036, 0.2606, 0.2486



83.1498, 0.2987, 0.3076



87.9040, 0.2727, 0.3357



17.2537, 0.2963, 0.3039



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.



51.5036, 0.2606, 0.2486



43.9415, 0.2480, 0.2287



53.2641, 0.2823, 0.2468



17.6077, 0.2978, 0.3064



4.1165, 0.1514, 0.0649



0.4764, 0.1543, 0.0756

Inverse Universe

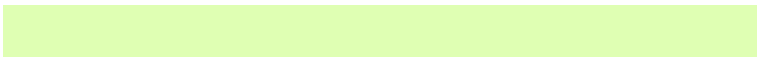
The Inverse Universe completely reimagines the original color for something new.



57.0041, 0.3745, 0.3229



50.4443, 0.3932, 0.3216



90.4958, 0.3366, 0.4093



18.0103, 0.3282, 0.3272



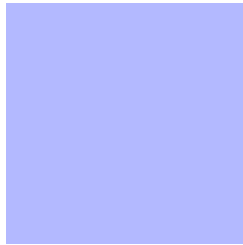
11.1435, 0.6318, 0.3254



1.0926, 0.6141, 0.3157

Previews

White Background



This preview shows how the Yxy color 51.5016, 0.2606, 0.2486 looks on a white background.

Color Contrast Check

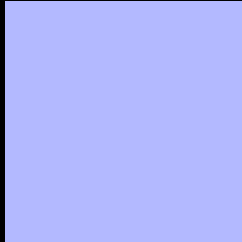
Large Text (above 18pt) WCAG AA × Fail

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 51.5016, 0.2606, 0.2486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

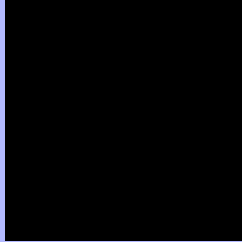
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5016, 0.2606, 0.2486

Background



This preview shows how black text looks on a background with the Yxy color 51.5016, 0.2606, 0.2486.



This preview shows how white text looks on a background with the Yxy color 51.5016, 0.2606, 0.2486.

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

51.5016, 0.2606, 0.2486

Protanopia

51.4186, 0.2557, 0.2499

Deuteranopia

51.5313, 0.2563, 0.2500



Tritanopia

51.6220, 0.2831, 0.3099

Trichromacy



Original Color

51.5016, 0.2606, 0.2486

Protanomaly

51.3365, 0.2574, 0.2491

Deuteranomaly

51.4518, 0.2581, 0.2492

Tritanomaly

51.6368, 0.2747, 0.2860

Monochromacy



Original Color

51.5016, 0.2606, 0.2486

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8150, 0.2928, 0.2985

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5016, 0.2606, 0.2486 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(179, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 185, 255) }
```

Border

The CSS property to change the border of an element to Yxy 51.5016, 0.2606, 0.2486 is called "border". The border property can be set on classes, ids or directly on the HTML element.

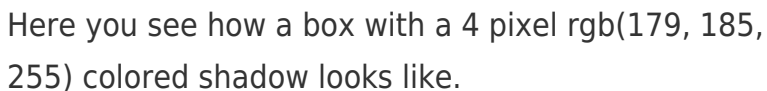
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 185, 255) }
```

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

```
.border{ border-color:rgb(179, 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(179, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 185,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5016, 0.2606, 0.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 185, 255) }
```

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

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