

Converting Colors

Yxy(51.9671, 0.2558, 0.2514)

Have a look what the booklet for
Yxy(51.9671, 0.2558, 0.2514)
contains.

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Color

Yxy(51.8444, 0.2558, 0.2511)

Conversions

Conversions Part 1

Format	Color
Hex	ABBCFF
RGB	171, 188, 255
RGB Percent	67%, 74%, 100%
CMY	0.3296, 0.2627, 0.0001
CMYK	0.33, 0.26, 0.00, 0.00
HSL	228°, 100%, 84%
HSV	228°, 33%, 100%
XYZ	52.8148, 51.8444, 101.8099
YIQ	190.5550, -31.6390, 17.2330

Conversions

Conversions Part 2

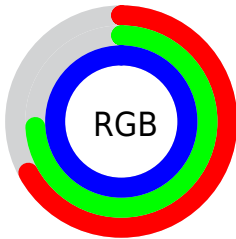
Format	Color
RYB	171, 185, 255
Decimal	11255039
CIELab	77.19, 9.39, -34.90
CIElCh	77, 36.145, 285.061
Yxy	51.8444, 0.2558, 0.2511
Android (android.graphics.Color)	4289445119 (0xFFABBCFF)
YUV	190.5550, 31.7714, -17.1497
Hunter-Lab	72.0031, 4.9258, -33.4320

Details

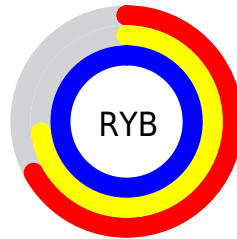
The Yxy color **51.8444, 0.2558, 0.2511** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.2820, 0.3677, 0.3963**, and the grayscale version is **51.6519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4153, 0.2962, 0.3179**, and **25.1182, 0.2411, 0.2324** is the 20% darker color. If you saturate the color by 10%, you get **41.1764, 0.2363, 0.2224**, and if you desaturate by 10%, it is **64.2904, 0.2746, 0.2777**.

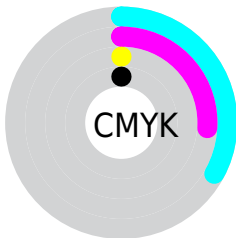
Distribution



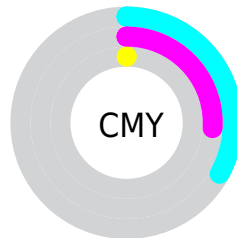
- Red (67%)
- Green (74%)
- Blue (100%)



- Red (67%)
- Yellow (73%)
- Blue (100%)



- Cyan (33%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8444, 0.2558, 0.2511 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 51.8444, 0.2558, 0.2511 by changing the saturation by 10% instead.

■ 51.8444, 0.2558,
0.2511

■ 51.8444, 0.2558,
0.2511

393.8356, 0.2833,
0.2877

■ 36.8811, 0.2493,
0.2427

■ 92.9017, 0.2655,
0.2638

■ 25.1154, 0.2412,
0.2324

119.7645, 0.2693,
0.2688

■ 16.1631, 0.2308,
0.2194

151.3625, 0.2725,
0.2730

■ 9.6396, 0.2171,
0.2025

188.0803, 0.2752,
0.2767

■ 5.1607, 0.1985,
0.1801

230.3020, 0.2776,
0.2800

■ 2.3418, 0.1718,
0.1494


278.4122, 0.2798,


■ 0.7957, 0.1324,


0.2828

0.1060


332.7953, 0.2816,
0.2854


 0.0000, 0.0000,
0.0000

 51.8444, 0.2558,
0.2511


 51.8444, 0.2558,
0.2511


 41.1764, 0.2363,
0.2224


 64.2904, 0.2746,
0.2777

 32.1977, 0.2168,
0.1924


 78.5854, 0.2921,
0.3018

 24.8209, 0.1982,
0.1623

 94.8039, 0.3082,
0.3232

 18.9480, 0.1818,
0.1338

 99.9985, 0.3127,
0.3290

 14.4693, 0.1685,
0.1087

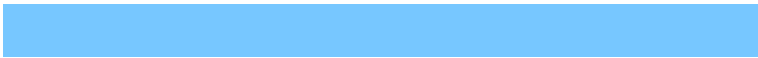
■ 11.2586, 0.1592,
0.0885

■ 9.6589, 0.1549,
0.0777

Harmonies

Analogous

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



51.8444, 0.2301, 0.2597



51.8444, 0.2558, 0.2511



51.8444, 0.2980, 0.2605

Triad

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



51.8444, 0.2558, 0.2511



51.8444, 0.4098, 0.3584



51.8444, 0.2747, 0.3797

Complementary

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



51.8444, 0.2558, 0.2511



85.2820, 0.3677, 0.3963

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.



51.8444, 0.3213, 0.4119



51.8444, 0.2558, 0.2511



51.8444, 0.4008, 0.3937

Square

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



51.8444, 0.2558, 0.2511



51.8444, 0.3900, 0.3196



51.8444, 0.3677, 0.4154



51.8444, 0.2400, 0.3317

Rectangle

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



51.8444, 0.2558, 0.2511



51.8444, 0.3312, 0.2754



51.8444, 0.3677, 0.4154



51.8444, 0.2894, 0.3931

Sweetspot

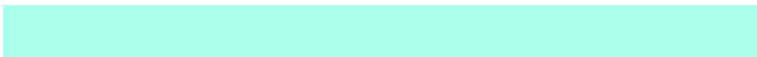
The Sweet Spot groups the original color and five complimentary colors.



51.8464, 0.2558, 0.2511



83.1957, 0.2971, 0.3084



86.2572, 0.2744, 0.3491



17.3355, 0.2947, 0.3053



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.



51.8464, 0.2558, 0.2511



44.1610, 0.2421, 0.2311



47.8920, 0.2700, 0.2349



17.9756, 0.2979, 0.3095



5.2153, 0.1555, 0.0799



0.6541, 0.1609, 0.0991

Inverse Universe

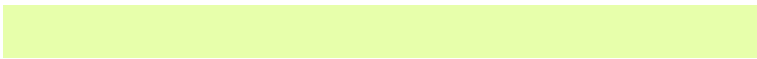
The Inverse Universe completely reimagines the original color for something new.



53.9917, 0.3740, 0.3113



47.0880, 0.3934, 0.3075



91.4595, 0.3464, 0.4163



18.0474, 0.3262, 0.3242



11.2544, 0.6071, 0.3118



1.1106, 0.5772, 0.2953

Previews

White Background



This preview shows how the Yxy color 51.8444, 0.2558, 0.2511 looks on a white background.

Color Contrast Check

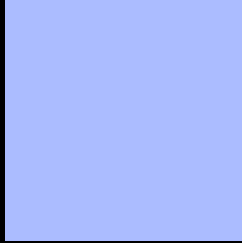
Large Text (above 18pt) WCAG AA × Fail

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 51.8444, 0.2558, 0.2511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

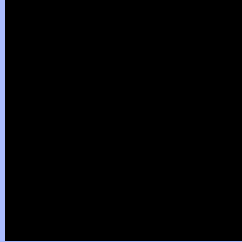
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8444, 0.2558, 0.2511

Background



This preview shows how black text looks on a background with the Yxy color 51.8444, 0.2558, 0.2511.



This preview shows how white text looks on a background with the Yxy color 51.8444, 0.2558, 0.2511.

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

51.8444, 0.2558, 0.2511

Protanopia

51.8444, 0.2558, 0.2511

Deuteranopia

52.0707, 0.2571, 0.2513



Tritanopia

51.8104, 0.2758, 0.3084

Trichromacy



Original Color

51.8444, 0.2558, 0.2511

Protanomaly

51.8444, 0.2558, 0.2511

Deuteranomaly

51.9571, 0.2565, 0.2512

Tritanomaly

51.7407, 0.2682, 0.2856

Monochromacy



Original Color

51.8444, 0.2558, 0.2511

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8723, 0.2906, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8444, 0.2558, 0.2511 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(171, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 188, 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(171, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 188, 255) }
```

Border

The CSS property to change the border of an element to Yxy 51.8444, 0.2558, 0.2511 is called "border". The border property can be set on classes, ids or directly on the HTML element.

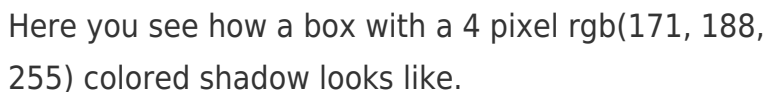
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 188, 255) }
```

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

```
.border{ border-color:rgb(171, 188, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 188, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 188, 255); box-shadow:4px 4px 4px 4px rgb(171, 188, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8444, 0.2558, 0.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 188, 255) }
```

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

```
.background{ background-color: rgb(171,  
188, 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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