

Converting Colors

Yxy(51.5317, 0.2666, 0.2517)

Have a look what the booklet for
Yxy(51.5317, 0.2666, 0.2517)
contains.

Yxy(51.5603, 0.2668, 0.2522)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.5603, 0.2668, 0.2522)

Conversions

Conversions Part 1

Format	Color
Hex	B9B8FB
RGB	185, 184, 251
RGB Percent	73%, 72%, 98%
CMY	0.2748, 0.2783, 0.0157
CMYK	0.26, 0.27, 0.00, 0.02
HSL	241°, 89%, 85%
HSV	241°, 27%, 98%
XYZ	54.5452, 51.5603, 98.3367
YIQ	191.9370, -20.9110, 21.0490

Conversions

Conversions Part 2

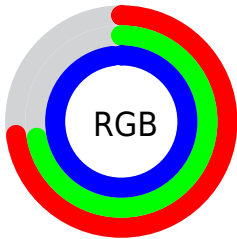
Format	Color
RYB	185, 184, 251
Decimal	12171515
CIELab	77.02, 14.57, -32.95
CIELCh	77, 36.025, 293.854
Yxy	51.5603, 0.2668, 0.2522
Android (android.graphics.Color)	4290361595 (0xFFB9B8FB)
YUV	191.9370, 29.1181, -6.0837
Hunter-Lab	71.8055, 9.9332, -30.9330

Details

The Yxy color **51.5603, 0.2668, 0.2522** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.7935, 0.3525, 0.3960**, and the grayscale version is **52.5049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4174, 0.3050, 0.3142**, and **24.8735, 0.2544, 0.2339** is the 20% darker color. If you saturate the color by 10%, you get **39.2267, 0.2462, 0.2179**, and if you desaturate by 10%, it is **66.2843, 0.2857, 0.2838**.

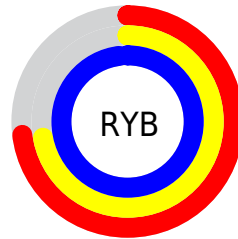
Distribution



Red (73%)

Green (72%)

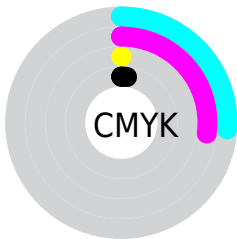
Blue (98%)



Red (73%)

Yellow (72%)

Blue (98%)

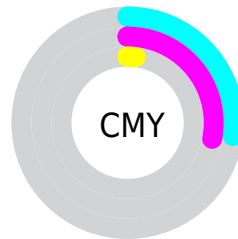


Cyan (26%)

Magenta (27%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (28%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5603, 0.2668, 0.2522 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 51.5603, 0.2668, 0.2522 by changing the saturation by 10% instead.

■ 51.5603, 0.2668,
0.2522

■ 51.5603, 0.2668,
0.2522

■ 392.7368, 0.2893,
0.2881

■ 36.6547, 0.2614,
0.2440

■ 92.4825, 0.2748,
0.2647

■ 24.9403, 0.2546,
0.2339

■ 119.2678, 0.2779,
0.2695

■ 16.0326, 0.2459,
0.2211

■ 150.7819, 0.2805,
0.2737

■ 9.5472, 0.2342,
0.2047

■ 187.4091, 0.2827,
0.2773

■ 5.0998, 0.2179,
0.1827

■ 229.5337, 0.2847,
0.2805

■ 2.3059, 0.1942,
0.1525

■ 277.5403, 0.2864,

■ 0.7768, 0.1575,

0.2833

0.1092

331.8132, 0.2879,
0.2859

0.0000, 0.0177,
0.0000

0.0000, 0.0000,
0.0000

51.5603, 0.2668,
0.2522

51.5603, 0.2668,
0.2522

39.2267, 0.2462,
0.2179

66.2843, 0.2857,
0.2838

29.1517, 0.2246,
0.1821

83.5088, 0.3026,
0.3121

21.2002, 0.2034,
0.1469

99.7445, 0.3150,
0.3328

15.2203, 0.1840,
0.1149

■ 11.0400, 0.1681,
0.0889

■ 8.4577, 0.1571,
0.0710

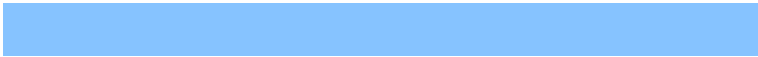
■ 7.2206, 0.1514,
0.0619

■ 6.9862, 0.1503,
0.0602

Harmonies

Analogous

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



51.5603, 0.2357, 0.2553



51.5603, 0.2668, 0.2522



51.5603, 0.3124, 0.2664

Triad

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



51.5603, 0.2668, 0.2522



51.5603, 0.4099, 0.3694



51.5603, 0.2629, 0.3663

Complementary

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



51.5603, 0.2668, 0.2522



92.7935, 0.3525, 0.3960

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.



51.5603, 0.3071, 0.4050



51.5603, 0.2668, 0.2522



51.5603, 0.3931, 0.4019

Square

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



51.5603, 0.2668, 0.2522



51.5603, 0.3985, 0.3308



51.5603, 0.3549, 0.4172



51.5603, 0.2334, 0.3176

Rectangle

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



51.5603, 0.2668, 0.2522



51.5603, 0.3457, 0.2837



51.5603, 0.3549, 0.4172



51.5603, 0.2765, 0.3814

Sweetspot

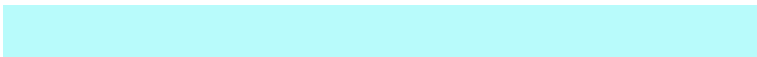
The Sweet Spot groups the original color and five complimentary colors.



51.5623, 0.2668, 0.2522



84.0483, 0.3005, 0.3085



86.1479, 0.2737, 0.3289



17.3893, 0.2980, 0.3044



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.



51.5623, 0.2668, 0.2522



46.3157, 0.2560, 0.2341



56.0877, 0.2903, 0.2571



16.6541, 0.2981, 0.3045



3.6774, 0.1504, 0.0602



0.3444, 0.1514, 0.0608

Inverse Universe

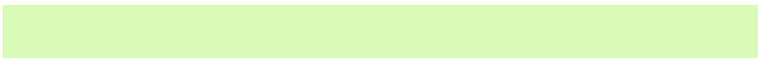
The Inverse Universe completely reimagines the original color for something new.



61.7092, 0.3165, 0.2632



58.4508, 0.3173, 0.2502



87.2814, 0.3305, 0.4011



17.5204, 0.3140, 0.3059



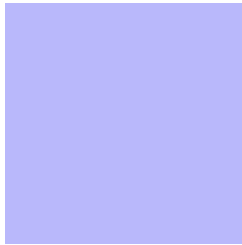
14.3334, 0.3243, 0.1560



1.3288, 0.3238, 0.1558

Previews

White Background



This preview shows how the Yxy color 51.5603, 0.2668, 0.2522 looks on a white background.

Color Contrast Check

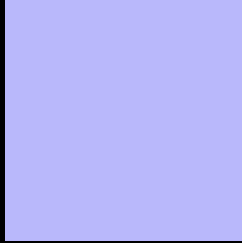
Large Text (above 18pt) WCAG AA × Fail

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 51.5603, 0.2668, 0.2522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

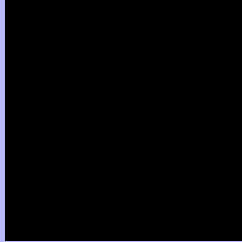
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5603, 0.2668, 0.2522

Background



This preview shows how black text looks on a background with the Yxy color 51.5603, 0.2668, 0.2522.

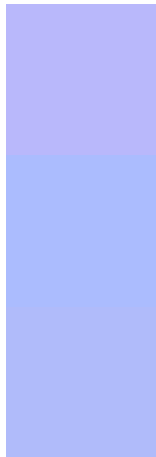


This preview shows how white text looks on a background with the Yxy color 51.5603, 0.2668, 0.2522.

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

51.5603, 0.2668, 0.2522

Protanopia

51.7801, 0.2564, 0.2521

Deuteranopia

51.6729, 0.2617, 0.2555



Tritanopia

51.4344, 0.2895, 0.3101

Trichromacy



Original Color

51.5603, 0.2668, 0.2522

Protanomaly

51.8626, 0.2600, 0.2525

Deuteranomaly

51.6036, 0.2636, 0.2547

Tritanomaly

51.3066, 0.2807, 0.2875

Monochromacy



Original Color

51.5603, 0.2668, 0.2522

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.0181, 0.2951, 0.2998

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5603, 0.2668, 0.2522 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(185, 184, 251)` looks like.

```
.text, #text, p{  
    color:rgb(185, 184, 251)  
}
```

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(185, 184, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 184, 251) }
```

Border

The CSS property to change the border of an element to Yxy 51.5603, 0.2668, 0.2522 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(185, 184, 251) }
```

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

```
.border{ border-color:rgb(185, 184, 251) }
```

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

Here you see how a box with a 4 pixel rgb(185, 184, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 184, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 184, 251);  
box-shadow:4px 4px 4px 4px rgb(185, 184,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5603, 0.2668, 0.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 184, 251) }
```

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

```
.background{ background-color: rgb(185,  
184, 251) }
```

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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