

Converting Colors

$Yxy(50.7537, 0.2715, 0.2651)$

Have a look what the booklet for
Yxy(50.7537, 0.2715, 0.2651)
contains.

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Color

Yxy(50.7537, 0.2715, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	B5B9EF
RGB	181, 185, 239
RGB Percent	71%, 73%, 94%
CMY	0.2903, 0.2745, 0.0627
CMYK	0.24, 0.23, 0.00, 0.06
HSL	236°, 64%, 82%
HSV	236°, 24%, 94%
XYZ	51.9790, 50.7537, 88.7185
YIQ	189.9600, -19.7180, 15.9460

Conversions

Conversions Part 2

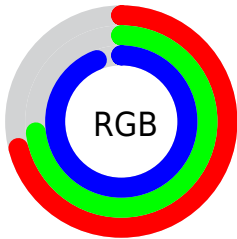
Format	Color
R_{YB}	181, 185, 239
Decimal	11909615
CIE _{Lab}	76.53, 10.05, -27.27
CIE _{LCh}	77, 29.061, 290.231
Yxy	50.7537, 0.2715, 0.2651
Android (android.graphics.Color)	4290099695 (0xFFB5B9EF)
YUV	189.9600, 24.1767, -7.8579
Hunter-Lab	71.2416, 5.5635, -23.9657

Details

The Yxy color **50.7537, 0.2715, 0.2651** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.0770, 0.3503, 0.3858**, and the grayscale version is **51.3337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3077, 0.3025, 0.3151**, and **24.4335, 0.2603, 0.2489** is the 20% darker color. If you saturate the color by 10%, you get **39.5234, 0.2516, 0.2337**, and if you desaturate by 10%, it is **63.9383, 0.2898, 0.2937**.

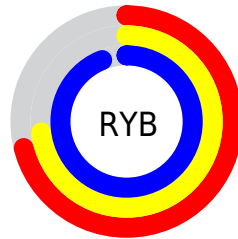
Distribution



Red (71%)

Green (73%)

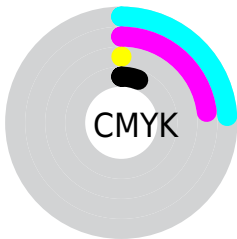
Blue (94%)



Red (71%)

Yellow (73%)

Blue (94%)

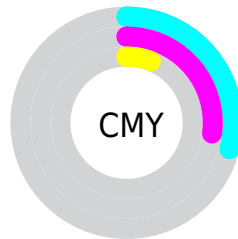


Cyan (24%)

Magenta (23%)

Yellow (0%)

Black (6%)



Cyan (29%)

Magenta (27%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7537, 0.2715, 0.2651 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 50.7537, 0.2715, 0.2651 by changing the saturation by 10% instead.

■ 50.7537, 0.2715,
0.2651

■ 50.7537, 0.2715,
0.2651

■ 389.6061, 0.2917,
0.2955

■ 36.0126, 0.2666,
0.2580

■ 91.2906, 0.2787,
0.2758

■ 24.4440, 0.2604,
0.2492

■ 117.8552, 0.2815,
0.2799

■ 15.6633, 0.2524,
0.2380

■ 149.1298, 0.2838,
0.2834

■ 9.2862, 0.2416,
0.2232

■ 185.4987, 0.2859,
0.2865

■ 4.9283, 0.2264,
0.2030

■ 227.3465, 0.2876,
0.2891

■ 2.2053, 0.2037,
0.1741

■ 275.0573, 0.2892,

■ 0.7229, 0.1673,

0.2915

0.1293

329.0157, 0.2905,
0.2936

0.0000, 0.0000,
0.0000

50.7537, 0.2715,
0.2651

50.7537, 0.2715,
0.2651

39.5234, 0.2516,
0.2337

63.9383, 0.2898,
0.2937

30.1485, 0.2308,
0.2003

79.1576, 0.3063,
0.3191

22.5308, 0.2099,
0.1663

96.4948, 0.3208,
0.3413

16.5607, 0.1903,
0.1338

99.0121, 0.3220,
0.3444

12.1159, 0.1736,
0.1053

■ 9.0573, 0.1611,
0.0830

■ 7.2201, 0.1534,
0.0684

■ 6.6226, 0.1510,
0.0634

Harmonies

Analogous

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



50.7537, 0.2473, 0.2701



50.7537, 0.2715, 0.2651



50.7537, 0.3079, 0.2751

Triad

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



50.7537, 0.2715, 0.2651



50.7537, 0.3917, 0.3594



50.7537, 0.2763, 0.3635

Complementary

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



50.7537, 0.2715, 0.2651



81.0770, 0.3503, 0.3858

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.



50.7537, 0.3135, 0.3921



50.7537, 0.2715, 0.2651



50.7537, 0.3811, 0.3865

Square

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



50.7537, 0.2715, 0.2651



50.7537, 0.3794, 0.3274



50.7537, 0.3520, 0.3999



50.7537, 0.2498, 0.3251

Rectangle

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



50.7537, 0.2715, 0.2651



50.7537, 0.3349, 0.2888



50.7537, 0.3520, 0.3999



50.7537, 0.2879, 0.3748

Sweetspot

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



50.7557, 0.2715, 0.2651



86.6294, 0.3019, 0.3124



77.5037, 0.2795, 0.3343



18.3076, 0.3010, 0.3109



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.



50.7557, 0.2715, 0.2651



52.2543, 0.2621, 0.2503



52.2671, 0.2890, 0.2636



15.4056, 0.2979, 0.3063



3.7267, 0.1512, 0.0644



0.3714, 0.1543, 0.0756

Inverse Universe

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



54.8891, 0.3601, 0.3247



57.8820, 0.3729, 0.3238



79.4887, 0.3323, 0.3932



15.7767, 0.3282, 0.3274



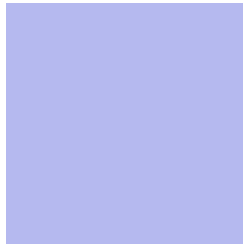
10.1696, 0.6326, 0.3259



0.8522, 0.6141, 0.3157

Previews

White Background



This preview shows how the Yxy color 50.7537, 0.2715, 0.2651 looks on a white background.

Color Contrast Check

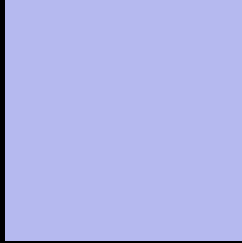
Large Text (above 18pt) WCAG AA × Fail

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 50.7537, 0.2715, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

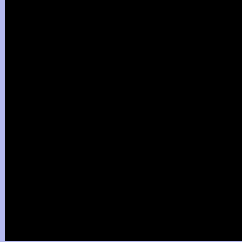
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7537, 0.2715, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 50.7537, 0.2715, 0.2651.



This preview shows how white text looks on a background with the Yxy color 50.7537, 0.2715, 0.2651.

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

50.7537, 0.2715, 0.2651

Protanopia

50.9459, 0.2670, 0.2658

Deuteranopia

50.7537, 0.2715, 0.2651



Tritanopia

50.8318, 0.2894, 0.3100

Trichromacy



Original Color

50.7537, 0.2715, 0.2651

Protanomaly

50.7562, 0.2682, 0.2648

Deuteranomaly

50.7537, 0.2715, 0.2651

Tritanomaly

50.8043, 0.2826, 0.2931

Monochromacy



Original Color

50.7537, 0.2715, 0.2651

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.0853, 0.2971, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7537, 0.2715, 0.2651 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(181, 185, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 185, 239) }
```

Border

The CSS property to change the border of an element to Yxy 50.7537, 0.2715, 0.2651 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, 239) }
```

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

```
.border{ border-color:rgb(181, 185, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 185, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 185, 239);  
box-shadow:4px 4px 4px 4px rgb(181, 185,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7537, 0.2715, 0.2651 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, 239) }
```

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

```
.background{ background-color: rgb(181,  
185, 239) }
```

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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