

Converting Colors

$Yxy(50.2884, 0.2625, 0.2539)$

Have a look what the booklet for
Yxy(50.2884, 0.2625, 0.2539)
contains.

Yxy(50.2884, 0.2625, 0.2539)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.2884, 0.2625, 0.2539)

Conversions

Conversions Part 1

Format	Color
Hex	B0B8F8
RGB	176, 184, 248
RGB Percent	69%, 72%, 97%
CMY	0.3097, 0.2784, 0.0274
CMYK	0.29, 0.26, 0.00, 0.03
HSL	233°, 84%, 83%
HSV	233°, 29%, 97%
XYZ	51.9917, 50.2884, 95.7837
YIQ	188.9040, -25.3120, 18.2080

Conversions

Conversions Part 2

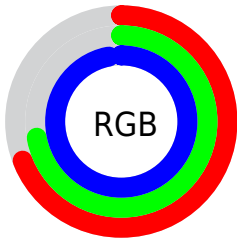
Format	Color
RYB	176, 183, 248
Decimal	11581688
CIELab	76.25, 11.31, -32.59
CIElCh	76, 34.495, 289.132
Yxy	50.2884, 0.2625, 0.2539
Android (android.graphics.Color)	4289771768 (0xFFB0B8F8)
YUV	188.9040, 29.1343, -11.3168
Hunter-Lab	70.9143, 6.7695, -30.4427

Details

The Yxy color **50.2884, 0.2625, 0.2539** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.4319, 0.3588, 0.3944**, and the grayscale version is **50.6749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8638, 0.2993, 0.3139**, and **24.1318, 0.2498, 0.2359** is the 20% darker color. If you saturate the color by 10%, you get **39.2000, 0.2424, 0.2227**, and if you desaturate by 10%, it is **63.3368, 0.2814, 0.2826**.

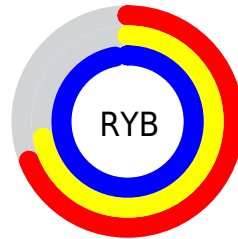
Distribution



Red (69%)

Green (72%)

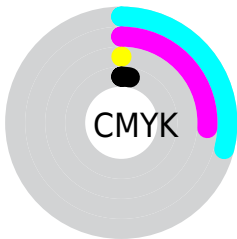
Blue (97%)



Red (69%)

Yellow (72%)

Blue (97%)

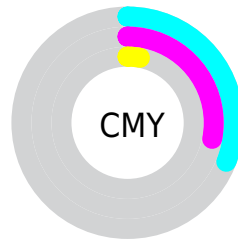


Cyan (29%)

Magenta (26%)

Yellow (0%)

Black (3%)



Cyan (31%)

Magenta (28%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2884, 0.2625, 0.2539 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 50.2884, 0.2625, 0.2539 by changing the saturation by 10% instead.

■ 50.2884, 0.2625,
0.2539

■ 50.2884, 0.2625,
0.2539

387.7927, 0.2871,
0.2893

■ 35.6426, 0.2566,
0.2457

■ 90.6020, 0.2713,
0.2663

■ 24.1583, 0.2492,
0.2356

117.0387, 0.2746,
0.2711

■ 15.4511, 0.2397,
0.2228

148.1744, 0.2774,
0.2752

■ 9.1366, 0.2270,
0.2062

184.3935, 0.2799,
0.2788

■ 4.8304, 0.2093,
0.1838

226.0805, 0.2820,
0.2819

■ 2.1481, 0.1836,
0.1527

273.6198, 0.2839,

■ 0.6915, 0.1444,

0.2847

0.1066

327.3957, 0.2856,
0.2871

0.0000, 0.0000,
0.0000

50.2884, 0.2625,
0.2539

50.2884, 0.2625,
0.2539

39.2000, 0.2424,
0.2227

63.3368, 0.2814,
0.2826

29.9710, 0.2218,
0.1900

78.4275, 0.2987,
0.3084

22.5006, 0.2017,
0.1574

95.6454, 0.3141,
0.3311

16.6762, 0.1836,
0.1267

99.5582, 0.3168,
0.3357

12.3717, 0.1687,
0.1004

■ 9.4425, 0.1581,
0.0802

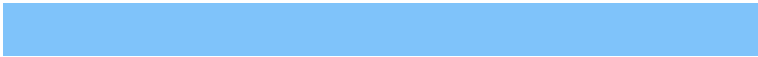
■ 7.7041, 0.1522,
0.0673

■ 7.5853, 0.1518,
0.0664

Harmonies

Analogous

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



50.2884, 0.2351, 0.2599



50.2884, 0.2625, 0.2539



50.2884, 0.3049, 0.2652

Triad

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



50.2884, 0.2625, 0.2539



50.2884, 0.4067, 0.3626



50.2884, 0.2707, 0.3720

Complementary

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



50.2884, 0.2625, 0.2539



85.4319, 0.3588, 0.3944

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.



50.2884, 0.3148, 0.4060



50.2884, 0.2625, 0.2539



50.2884, 0.3946, 0.3955

Square

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



50.2884, 0.2625, 0.2539



50.2884, 0.3913, 0.3250



50.2884, 0.3604, 0.4134



50.2884, 0.2393, 0.3254

Rectangle

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



50.2884, 0.2625, 0.2539



50.2884, 0.3371, 0.2807



50.2884, 0.3604, 0.4134



50.2884, 0.2844, 0.3857

Sweetspot

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



50.2904, 0.2625, 0.2539



83.5691, 0.2987, 0.3084



82.6434, 0.2748, 0.3382



17.3560, 0.2963, 0.3048



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.



50.2904, 0.2625, 0.2539



46.2124, 0.2505, 0.2354



50.6175, 0.2815, 0.2488



16.9527, 0.2979, 0.3072



4.1947, 0.1522, 0.0678



0.4864, 0.1563, 0.0825

Inverse Universe

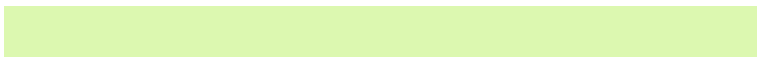
The Inverse Universe completely reimagines the original color for something new.



54.4760, 0.3702, 0.3206



51.5623, 0.3872, 0.3188



85.5588, 0.3376, 0.4065



17.2565, 0.3277, 0.3264



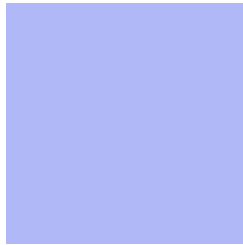
10.8344, 0.6270, 0.3228



1.0133, 0.6030, 0.3095

Previews

White Background



This preview shows how the Yxy color 50.2884, 0.2625, 0.2539 looks on a white background.

Color Contrast Check

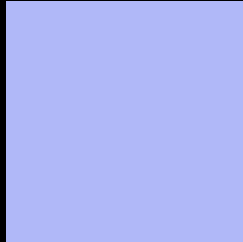
Large Text (above 18pt) WCAG AA × Fail

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 50.2884, 0.2625, 0.2539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

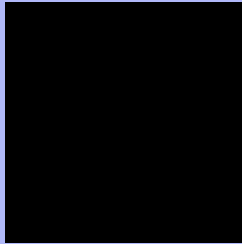
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2884, 0.2625, 0.2539

Background



This preview shows how black text looks on a background with the Yxy color 50.2884, 0.2625, 0.2539.



This preview shows how white text looks on a background with the Yxy color 50.2884, 0.2625, 0.2539.

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

50.2884, 0.2625, 0.2539

Protanopia

50.5034, 0.2582, 0.2545

Deuteranopia

50.3595, 0.2606, 0.2547



Tritanopia

50.4198, 0.2828, 0.3097

Trichromacy



Original Color

50.2884, 0.2625, 0.2539

Protanomaly

50.3081, 0.2594, 0.2536

Deuteranomaly

50.4739, 0.2613, 0.2549

Tritanomaly

50.2152, 0.2749, 0.2879

Monochromacy



Original Color

50.2884, 0.2625, 0.2539

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.3841, 0.2933, 0.3005

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2884, 0.2625, 0.2539 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(176, 184, 248)` looks like.

```
.text, #text, p{  
    color:rgb(176, 184, 248)  
}
```

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(176, 184, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 184, 248) }
```

Border

The CSS property to change the border of an element to Yxy 50.2884, 0.2625, 0.2539 is called "border". The border property can be set on classes, ids or directly on the HTML element.

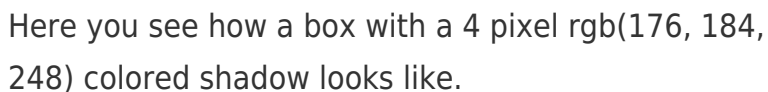
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 184, 248) }
```

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

```
.border{ border-color:rgb(176, 184, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 184, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 184, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 184, 248); box-shadow:4px 4px 4px 4px rgb(176, 184, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2884, 0.2625, 0.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 184, 248) }
```

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

```
.background{ background-color: rgb(176,  
184, 248) }
```

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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