

Converting Colors

$Yxy(50.8026, 0.2923, 0.2836)$

Have a look what the booklet for
Yxy(50.8026, 0.2923, 0.2836)
contains.

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Color

Yxy(51.0242, 0.2924, 0.2838)

Conversions

Conversions Part 1

Format	Color
Hex	C2B8DE
RGB	194, 184, 222
RGB Percent	76%, 72%, 87%
CMY	0.2393, 0.2784, 0.1294
CMYK	0.13, 0.17, 0.00, 0.13
HSL	256°, 37%, 80%
HSV	256°, 17%, 87%
XYZ	52.5704, 51.0242, 76.1947
YIQ	191.3220, -6.2380, 13.9380

Conversions

Conversions Part 2

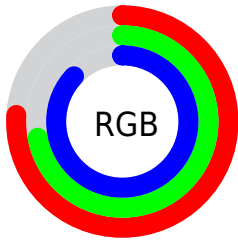
Format	Color
RYB	194, 184, 222
Decimal	12761310
CIELab	76.69, 10.89, -17.75
CIELCh	77, 20.819, 301.529
Yxy	51.0242, 0.2924, 0.2838
Android (android.graphics.Color)	4290951390 (0xFFC2B8DE)
YUV	191.3220, 15.1243, 2.3486
Hunter-Lab	71.4312, 6.3639, -13.2420

Details

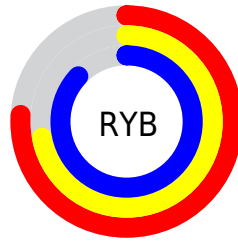
The Yxy color **51.0242, 0.2924, 0.2838** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.7154, 0.3309, 0.3724**, and the grayscale version is **52.2100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0494, 0.3108, 0.3145**, and **24.5981, 0.2864, 0.2720** is the 20% darker color. If you saturate the color by 10%, you get **40.4657, 0.2782, 0.2539**, and if you desaturate by 10%, it is **63.2733, 0.3049, 0.3112**.

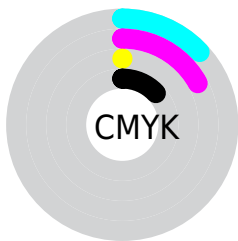
Distribution



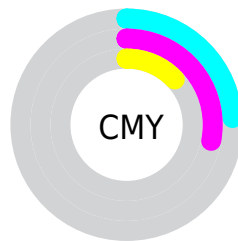
- Red (76%)
- Green (72%)
- Blue (87%)



- Red (76%)
- Yellow (72%)
- Blue (87%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0242, 0.2924, 0.2838 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 51.0242, 0.2924, 0.2838 by changing the saturation by 10% instead.

■ 51.0242, 0.2924,
0.2838

■ 51.0242, 0.2924,
0.2838

■ 390.6578, 0.3025,
0.3054

■ 36.2279, 0.2899,
0.2787

■ 91.6905, 0.2961,
0.2915

■ 24.6102, 0.2867,
0.2723

■ 118.3293, 0.2974,
0.2944

■ 15.7869, 0.2825,
0.2640

■ 149.6844, 0.2986,
0.2969

■ 9.3735, 0.2767,
0.2529

■ 186.1402, 0.2996,
0.2991

■ 4.9856, 0.2682,
0.2375

■ 228.0810, 0.3005,
0.3010

■ 2.2388, 0.2548,
0.2144

■ 275.8913, 0.3013,

■ 0.7410, 0.2314,

0.3026

0.1755

329.9554, 0.3019,
0.3041

0.0000, 0.0000,
0.0000

51.0242, 0.2924,
0.2838

51.0242, 0.2924,
0.2838

40.4657, 0.2782,
0.2539

63.2733, 0.3049,
0.3112

31.5164, 0.2623,
0.2219

77.2768, 0.3157,
0.3358

24.0976, 0.2451,
0.1891

93.1032, 0.3249,
0.3577

18.1214, 0.2272,
0.1567

98.0547, 0.3321,
0.3611

13.4906, 0.2094,
0.1269

■ 10.0961, 0.1929,
0.1017

■ 7.8105, 0.1787,
0.0827

■ 6.4688, 0.1676,
0.0708

■ 6.1813, 0.1649,
0.0682

Harmonies

Analogous

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



51.0242, 0.2707, 0.2836



51.0242, 0.2924, 0.2838



51.0242, 0.3205, 0.2948

Triad

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



51.0242, 0.2924, 0.2838



51.0242, 0.3681, 0.3598



51.0242, 0.2782, 0.3437

Complementary

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



51.0242, 0.2924, 0.2838



69.7154, 0.3309, 0.3724

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.



51.0242, 0.3031, 0.3671



51.0242, 0.2924, 0.2838



51.0242, 0.3554, 0.3755

Square

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



51.0242, 0.2924, 0.2838



51.0242, 0.3653, 0.3374



51.0242, 0.3314, 0.3788



51.0242, 0.2628, 0.3168

Rectangle

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



51.0242, 0.2924, 0.2838



51.0242, 0.3392, 0.3069



51.0242, 0.3314, 0.3788



51.0242, 0.2857, 0.3523

Sweetspot

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



51.0263, 0.2924, 0.2838



90.3927, 0.3073, 0.3165



62.8104, 0.2864, 0.3177



19.0694, 0.3065, 0.3147



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.



51.0263, 0.2924, 0.2838



63.7257, 0.2869, 0.2720



53.6333, 0.3070, 0.2857



13.4162, 0.3021, 0.3050



3.7170, 0.1661, 0.0689



0.3005, 0.1820, 0.0776

Inverse Universe

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



54.5729, 0.3225, 0.2975



69.5915, 0.3252, 0.2897



67.1163, 0.3173, 0.3743



13.8710, 0.3178, 0.3119



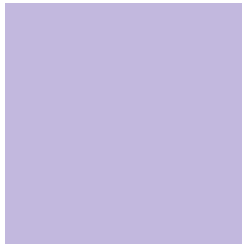
10.8306, 0.4004, 0.1979



0.7652, 0.3854, 0.1897

Previews

White Background



This preview shows how the Yxy color 51.0242, 0.2924, 0.2838 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 51.0242, 0.2924, 0.2838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

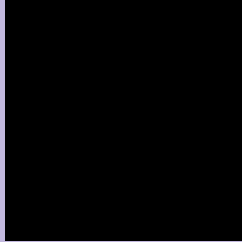
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0242, 0.2924, 0.2838

Background



This preview shows how black text looks on a background with the Yxy color 51.0242, 0.2924, 0.2838.



This preview shows how white text looks on a background with the Yxy color 51.0242, 0.2924, 0.2838.

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

51.0242, 0.2924, 0.2838

Protanopia

51.2933, 0.2822, 0.2853

Deuteranopia

51.1783, 0.2909, 0.2848



Tritanopia

50.8813, 0.3046, 0.3105

Trichromacy



Original Color

51.0242, 0.2924, 0.2838

Protanomaly

51.3075, 0.2858, 0.2856

Deuteranomaly

51.3093, 0.2917, 0.2849

Tritanomaly

50.9277, 0.3003, 0.3010

Monochromacy



Original Color

51.0242, 0.2924, 0.2838

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.4372, 0.3054, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0242, 0.2924, 0.2838 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(194, 184, 222)` looks like.

```
.text, #text, p{  
    color:rgb(194, 184, 222)  
}
```

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(194, 184, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 184, 222) }
```

Border

The CSS property to change the border of an element to Yxy 51.0242, 0.2924, 0.2838 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(194, 184, 222) }
```

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

```
.border{ border-color:rgb(194, 184, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 184, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 184, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 184, 222);  
box-shadow:4px 4px 4px 4px rgb(194, 184,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0242, 0.2924, 0.2838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 184, 222) }
```

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

```
.background{ background-color: rgb(194,  
184, 222) }
```

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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