

Converting Colors

Yxy(51.2037, 0.3243, 0.3081)

Have a look what the booklet for
Yxy(51.2037, 0.3243, 0.3081)
contains.

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Color

Yxy(51.0202, 0.3239, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	D3B5C7
RGB	211, 181, 199
RGB Percent	83%, 71%, 78%
CMY	0.1727, 0.2901, 0.2196
CMYK	0.00, 0.14, 0.06, 0.17
HSL	324°, 25%, 77%
HSV	324°, 14%, 83%
XYZ	53.6889, 51.0202, 61.0485
YIQ	192.0220, 12.1020, 11.9580

Conversions

Conversions Part 2

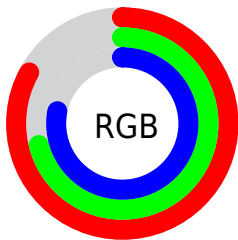
Format	Color
R _Y B	211, 181, 199
Decimal	13874631
CIE Lab	76.69, 13.79, -5.11
CIE LCh	77, 14.703, 339.680
Yxy	51.0202, 0.3239, 0.3078
Android (android.graphics.Color)	4292064711 (0xFFD3B5C7)
YUV	192.0220, 3.4402, 16.6437
Hunter-Lab	71.4284, 9.1691, -0.6742

Details

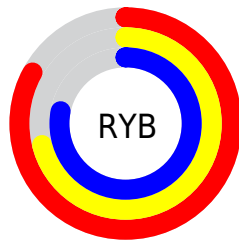
The Yxy color **51.0202, 0.3239, 0.3078** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2475, 0.3029, 0.3512**, and the grayscale version is **52.6994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **24.5506, 0.3268, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **42.7008, 0.3336, 0.2921**, and if you desaturate by 10%, it is **60.6649, 0.3157, 0.3229**.

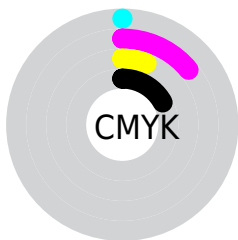
Distribution



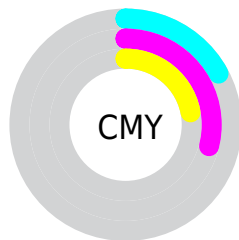
- Red (83%)
- Green (71%)
- Blue (78%)



- Red (83%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (17%)





- Cyan (17%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0202, 0.3239, 0.3078 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 51.0202, 0.3239, 0.3078 by changing the saturation by 10% instead.

 51.0202, 0.3239,
0.3078

 51.0202, 0.3239,
0.3078


390.6423, 0.3185,
0.3181

 36.2247, 0.3252,
0.3053


 91.6846, 0.3220,
0.3115

 24.6078, 0.3269,
0.3022


118.3223, 0.3212,
0.3129

 15.7851, 0.3290,
0.2981


149.6762, 0.3206,
0.3140

 9.3722, 0.3319,
0.2926

186.1307, 0.3201,
0.3151

 4.9847, 0.3361,
0.2847

228.0701, 0.3196,
0.3160

 2.2383, 0.3427,
0.2725

275.8790, 0.3192,

 0.7408, 0.3552,

0.3168

0.2490

329.9415, 0.3188,
0.3175

0.0000, 0.0000,
0.0000

51.0202, 0.3239,
0.3078

51.0202, 0.3239,
0.3078

42.7008, 0.3336,
0.2921

60.6649, 0.3157,
0.3229

35.6414, 0.3450,
0.2762

71.6830, 0.3089,
0.3372

29.7813, 0.3583,
0.2608

84.1285, 0.3032,
0.3505

25.0519, 0.3734,
0.2468

91.2313, 0.2985,
0.3523

21.3778, 0.3901,
0.2351

91.7241, 0.2939,
0.3433

■ 18.6743, 0.4081,
0.2270

■ 92.2401, 0.2894,
0.3345

■ 16.8434, 0.4266,
0.2236

■ 92.5839, 0.2866,
0.3289

■ 15.7663, 0.4449,
0.2254

■ 15.3671, 0.4553,
0.2282

Harmonies

Analogous

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



51.0202, 0.3037, 0.2980



51.0202, 0.3239, 0.3078



51.0202, 0.3415, 0.3229

Triad

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



51.0202, 0.3239, 0.3078



51.0202, 0.3391, 0.3634



51.0202, 0.2756, 0.3160

Complementary

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



51.0202, 0.3239, 0.3078



60.2475, 0.3029, 0.3512

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.



51.0202, 0.2844, 0.3343



51.0202, 0.3239, 0.3078



51.0202, 0.3208, 0.3625

Square

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



51.0202, 0.3239, 0.3078



51.0202, 0.3504, 0.3549



51.0202, 0.3009, 0.3517



51.0202, 0.2763, 0.3021

Rectangle

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



51.0202, 0.3239, 0.3078



51.0202, 0.3492, 0.3343



51.0202, 0.3009, 0.3517



51.0202, 0.2775, 0.3219

Sweetspot

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



51.0224, 0.3239, 0.3078



93.4041, 0.3156, 0.3231



49.0282, 0.2992, 0.2925



19.7351, 0.3162, 0.3220



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.



51.0224, 0.3239, 0.3078



74.3261, 0.3266, 0.3032



50.3813, 0.3359, 0.3249



11.9257, 0.3198, 0.3151



9.2981, 0.4528, 0.2268



0.5353, 0.4222, 0.2100

Inverse Universe

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



51.0224, 0.3239, 0.3078



74.3261, 0.3266, 0.3032



60.9259, 0.2935, 0.3332



11.9257, 0.3198, 0.3151



9.2981, 0.4528, 0.2268



0.5353, 0.4222, 0.2100

Previews

White Background



This preview shows how the Yxy color 51.0202, 0.3239, 0.3078 looks on a white background.

Color Contrast Check

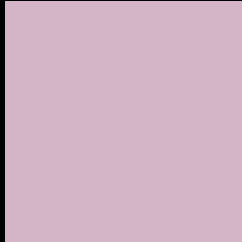
Large Text (above 18pt) WCAG AA × Fail

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 51.0202, 0.3239, 0.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

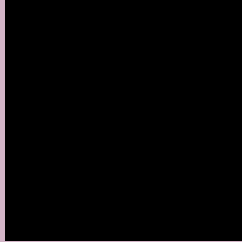
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0202, 0.3239, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 51.0202, 0.3239, 0.3078.

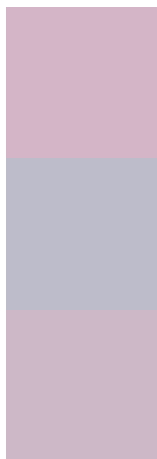


This preview shows how white text looks on a background with the Yxy color 51.0202, 0.3239, 0.3078.

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

51.0202, 0.3239, 0.3078

Protanopia

51.0971, 0.3023, 0.3105

Deuteranopia

51.1956, 0.3185, 0.3122



Tritanopia

51.2903, 0.3263, 0.3125

Trichromacy



Original Color

51.0202, 0.3239, 0.3078

Protanomaly

50.8325, 0.3096, 0.3083

Deuteranomaly

51.2096, 0.3211, 0.3111

Tritanomaly

51.3360, 0.3255, 0.3113

Monochromacy



Original Color

51.0202, 0.3239, 0.3078

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.0487, 0.3164, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0202, 0.3239, 0.3078 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(211, 181, 199)` looks like.

```
.text, #text, p{  
    color:rgb(211, 181, 199)  
}
```

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(211, 181, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 181, 199) }
```

Border

The CSS property to change the border of an element to Yxy 51.0202, 0.3239, 0.3078 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(211, 181, 199) }
```

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

```
.border{ border-color:rgb(211, 181, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 181, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 181, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 181, 199);  
box-shadow:4px 4px 4px 4px rgb(211, 181,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0202, 0.3239, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 181, 199) }
```

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

```
.background{ background-color: rgb(211,  
181, 199) }
```

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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