

Converting Colors

Yxy(51.3468, 0.3186, 0.2834)

Have a look what the booklet for
Yxy(51.3468, 0.3186, 0.2834)
contains.

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Color

Yxy(51.3807, 0.3191, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	DDB0D8
RGB	221, 176, 216
RGB Percent	87%, 69%, 85%
CMY	0.1331, 0.3099, 0.1529
CMYK	0.00, 0.20, 0.02, 0.13
HSL	307°, 40%, 78%
HSV	307°, 20%, 87%
XYZ	57.7513, 51.3807, 71.8497
YIQ	194.0150, 13.9800, 21.9800

Conversions

Conversions Part 2

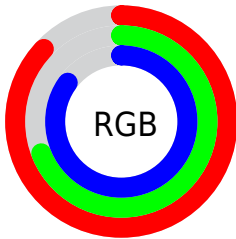
Format	Color
R _Y B	221, 176, 216
Decimal	14528728
CIE Lab	76.91, 23.02, -13.93
CIE LCh	77, 26.909, 328.816
Yxy	51.3807, 0.3191, 0.2839
Android (android.graphics.Color)	4292718808 (0xFFDDB0D8)
YUV	194.0150, 10.8386, 23.6658
Hunter-Lab	71.6803, 18.3729, -9.2539

Details

The Yxy color **51.3807, 0.3191, 0.2839** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **64.3041, 0.3069, 0.3787**, and the grayscale version is **53.8901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **24.7385, 0.3200, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **43.2831, 0.3228, 0.2614**, and if you desaturate by 10%, it is **60.8961, 0.3158, 0.3064**.

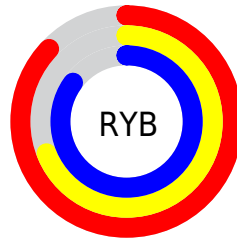
Distribution



Red (87%)

Green (69%)

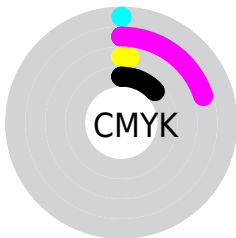
Blue (85%)



Red (87%)

Yellow (69%)

Blue (85%)

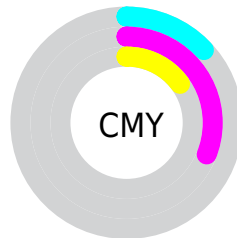


Cyan (0%)

Magenta (20%)

Yellow (2%)

Black (13%)



Cyan (13%)


Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3807, 0.3191, 0.2839 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 51.3807, 0.3191, 0.2839 by changing the saturation by 10% instead.


 51.3807, 0.3191,
0.2839

 51.3807, 0.3191,
0.2839


392.0411, 0.3163,
0.3053

 36.5117, 0.3197,
0.2789


 92.2173, 0.3182,
0.2914

 24.8296, 0.3204,
0.2727


118.9536, 0.3178,
0.2943

 15.9502, 0.3212,
0.2647

150.4145, 0.3175,
0.2968

 9.4889, 0.3222,
0.2541

186.9843, 0.3172,
0.2989

 5.0614, 0.3234,
0.2393

229.0475, 0.3169,
0.3008

 2.2833, 0.3247,
0.2176

276.9884, 0.3167,

 0.7649, 0.3258,

0.3025

0.1815

331.1915, 0.3165,
0.3039

0.0000, 0.2824,
0.0000

0.0000, 0.0000,
0.0000

51.3807, 0.3191,
0.2839

51.3807, 0.3191,
0.2839

43.2831, 0.3228,
0.2614

60.8961, 0.3158,
0.3064

36.5283, 0.3268,
0.2396

71.8861, 0.3128,
0.3282

31.0446, 0.3311,
0.2194

84.4126, 0.3102,
0.3489

26.7511, 0.3354,
0.2019

92.3849, 0.3083,
0.3592

■ 23.5574, 0.3398,
0.1879

■ 92.5214, 0.3069,
0.3565

■ 21.3602, 0.3441,
0.1780

■ 92.6598, 0.3056,
0.3539

■ 20.0367, 0.3480,
0.1727

■ 92.8001, 0.3042,
0.3513

■ 19.3819, 0.3516,
0.1711

■ 92.9425, 0.3028,
0.3487

■ 93.0868, 0.3014,
0.3462

Harmonies

Analogous

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



51.3807, 0.2835, 0.2710



51.3807, 0.3191, 0.2839



51.3807, 0.3549, 0.3072

Triad

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



51.3807, 0.3191, 0.2839



51.3807, 0.3697, 0.3874



51.3807, 0.2501, 0.3157

Complementary

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



51.3807, 0.3191, 0.2839



64.3041, 0.3069, 0.3787

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.



51.3807, 0.2708, 0.3510



51.3807, 0.3191, 0.2839



51.3807, 0.3395, 0.3943

Square

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



51.3807, 0.3191, 0.2839



51.3807, 0.3848, 0.3654



51.3807, 0.3032, 0.3810



51.3807, 0.2453, 0.2871

Rectangle

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



51.3807, 0.3191, 0.2839



51.3807, 0.3731, 0.3263



51.3807, 0.3032, 0.3810



51.3807, 0.2554, 0.3272

Sweetspot

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



51.3830, 0.3191, 0.2839



90.5141, 0.3144, 0.3159



46.0297, 0.2822, 0.2734



19.1626, 0.3146, 0.3145



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.



51.3830, 0.3191, 0.2839



66.5422, 0.3205, 0.2753



50.3197, 0.3374, 0.3082



13.2485, 0.3155, 0.3085



11.2641, 0.3511, 0.1708



0.7370, 0.3455, 0.1677

Inverse Universe

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



51.3830, 0.3191, 0.2839



66.5422, 0.3205, 0.2753



65.2801, 0.2932, 0.3508



13.2485, 0.3155, 0.3085



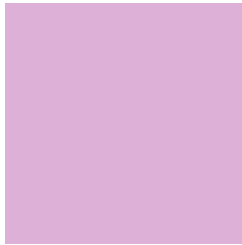
11.2641, 0.3511, 0.1708



0.7370, 0.3455, 0.1677

Previews

White Background



This preview shows how the Yxy color 51.3807, 0.3191, 0.2839 looks on a white background.

Color Contrast Check

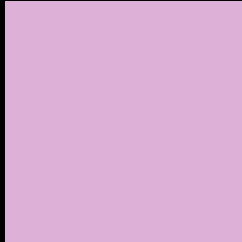
Large Text (above 18pt) WCAG AA × Fail

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 51.3807, 0.3191, 0.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

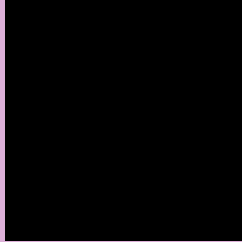
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3807, 0.3191, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 51.3807, 0.3191, 0.2839.



This preview shows how white text looks on a background with the Yxy color 51.3807, 0.3191, 0.2839.

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

51.3807, 0.3191, 0.2839

Protanopia

51.4155, 0.2829, 0.2854

Deuteranopia

51.4233, 0.3006, 0.2943



Tritanopia

51.4430, 0.3342, 0.3127

Trichromacy



Original Color

51.3807, 0.3191, 0.2839

Protanomaly

51.3718, 0.2955, 0.2852

Deuteranomaly

51.4840, 0.3071, 0.2904

Tritanomaly

51.5645, 0.3285, 0.3025

Monochromacy



Original Color

51.3807, 0.3191, 0.2839

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.6423, 0.3152, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3807, 0.3191, 0.2839 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(221, 176, 216)` looks like.

```
.text, #text, p{  
    color:rgb(221, 176, 216)  
}
```

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(221, 176, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 176, 216) }
```

Border

The CSS property to change the border of an element to Yxy 51.3807, 0.3191, 0.2839 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(221, 176, 216) }
```

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

```
.border{ border-color:rgb(221, 176, 216) }
```

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

Here you see how a box with a 4 pixel rgb(221, 176, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 176, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 176, 216);  
box-shadow:4px 4px 4px 4px rgb(221, 176,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3807, 0.3191, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 176, 216) }
```

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

```
.background{ background-color: rgb(221,  
176, 216) }
```

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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