

Converting Colors

$Yxy(47.0466, 0.3199, 0.2885)$

Have a look what the booklet for
Yxy(47.0466, 0.3199, 0.2885)
contains.

Yxy(47.0061, 0.3199, 0.2878)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.0061, 0.3199, 0.2878)

Conversions

Conversions Part 1

Format	Color
Hex	D3AACD
RGB	211, 170, 205
RGB Percent	83%, 67%, 80%
CMY	0.1727, 0.3332, 0.1961
CMYK	0.00, 0.19, 0.03, 0.17
HSL	309°, 32%, 75%
HSV	309°, 19%, 83%
XYZ	52.2490, 47.0061, 64.0740
YIQ	186.2490, 13.2010, 19.5770

Conversions

Conversions Part 2

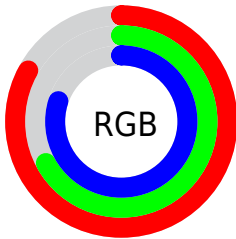
Format	Color
R _Y B	211, 170, 205
Decimal	13871821
CIE Lab	74.19, 20.82, -12.09
CIE LCh	74, 24.081, 329.857
Yxy	47.0061, 0.3199, 0.2878
Android (android.graphics.Color)	4292061901 (0xFFD3AACD)
YUV	186.2490, 9.2442, 21.7066
Hunter-Lab	68.5610, 16.0495, -7.4170

Details

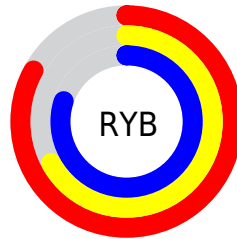
The Yxy color $47.0061, 0.3199, 0.2878$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $58.2512, 0.3063, 0.3740$, and the grayscale version is $49.1907, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3304, 0.3141, 0.2999$, and $22.2592, 0.3212, 0.2774$ is the 20% darker color. If you saturate the color by 10%, you get $39.5750, 0.3243, 0.2661$, and if you desaturate by 10%, it is $55.7134, 0.3160, 0.3094$.

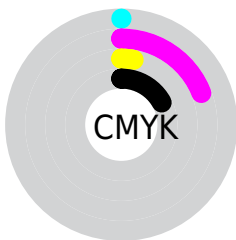
Distribution



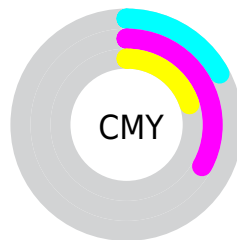
- Red (83%)
- Green (67%)
- Blue (80%)



- Red (83%)
- Yellow (67%)
- Blue (80%)



- Cyan (0%)
- Magenta (19%)
- Yellow (3%)
- Black (17%)





- Cyan (17%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0061, 0.3199, 0.2878 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 47.0061, 0.3199, 0.2878 by changing the saturation by 10% instead.


 47.0061, 0.3199,
0.2878

 47.0061, 0.3199,
0.2878

374.8389, 0.3166,
0.3077

 33.0405, 0.3206,
0.2830


 85.7227, 0.3188,
0.2949

 22.1575, 0.3215,
0.2771


111.2425, 0.3183,
0.2976

 13.9726, 0.3226,
0.2693


141.3825, 0.3179,
0.2999

 8.1016, 0.3240,
0.2588

176.5270, 0.3176,
0.3019

 4.1601, 0.3259,
0.2439

217.0606, 0.3173,
0.3036

 1.7635, 0.3282,
0.2212

263.3674, 0.3171,

 0.4643, 0.3380,

0.3051

0.1644

315.8321, 0.3168,
0.3065

0.0000, 0.0000,
0.0000

47.0061, 0.3199,
0.2878

47.0061, 0.3199,
0.2878

39.5750, 0.3243,
0.2661

55.7134, 0.3160,
0.3094

33.3535, 0.3292,
0.2449

65.7472, 0.3125,
0.3302

28.2783, 0.3345,
0.2251

77.1624, 0.3095,
0.3500

24.2779, 0.3400,
0.2077

90.0092, 0.3070,
0.3685

21.2727, 0.3457,
0.1936

90.5495, 0.3053,
0.3657

■ 19.1723, 0.3512,
0.1837

■ 90.7142, 0.3036,
0.3624

■ 17.8694, 0.3566,
0.1783

■ 90.8820, 0.3019,
0.3590

■ 17.1823, 0.3616,
0.1768

■ 91.0527, 0.3002,
0.3557

■ 17.1476, 0.3619,
0.1767

■ 91.2265, 0.2985,
0.3524

Harmonies

Analogous

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



47.0061, 0.2868, 0.2755



47.0061, 0.3199, 0.2878



47.0061, 0.3526, 0.3098

Triad

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



47.0061, 0.3199, 0.2878



47.0061, 0.3646, 0.3834



47.0061, 0.2544, 0.3159

Complementary

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



47.0061, 0.3199, 0.2878



58.2512, 0.3063, 0.3740

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.



47.0061, 0.2732, 0.3482



47.0061, 0.3199, 0.2878



47.0061, 0.3364, 0.3889

Square

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



47.0061, 0.3199, 0.2878



47.0061, 0.3790, 0.3637



47.0061, 0.3029, 0.3760



47.0061, 0.2504, 0.2897

Rectangle

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



47.0061, 0.3199, 0.2878



47.0061, 0.3690, 0.3276



47.0061, 0.3029, 0.3760



47.0061, 0.2591, 0.3264

Sweetspot

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



47.0082, 0.3199, 0.2878



90.4810, 0.3148, 0.3164



42.6283, 0.2851, 0.2767



19.1548, 0.3150, 0.3150



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.



47.0082, 0.3199, 0.2878



67.5798, 0.3215, 0.2794



46.1047, 0.3371, 0.3109



11.9782, 0.3160, 0.3094



10.3648, 0.3612, 0.1763



0.5878, 0.3527, 0.1717

Inverse Universe

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



47.0082, 0.3199, 0.2878



67.5798, 0.3215, 0.2794



59.1004, 0.2933, 0.3479



11.9782, 0.3160, 0.3094



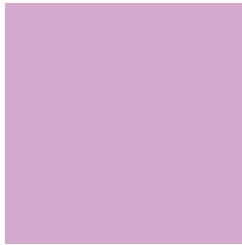
10.3648, 0.3612, 0.1763



0.5878, 0.3527, 0.1717

Previews

White Background



This preview shows how the Yxy color 47.0061, 0.3199, 0.2878 looks on a white background.

Color Contrast Check

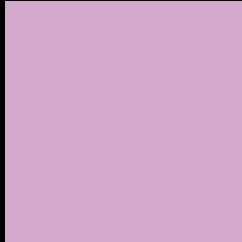
Large Text (above 18pt) WCAG AA × Fail

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 47.0061, 0.3199, 0.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

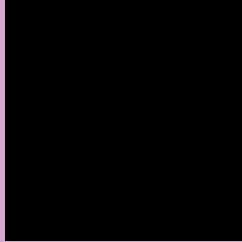
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0061, 0.3199, 0.2878

Background



This preview shows how black text looks on a background with the Yxy color 47.0061, 0.3199, 0.2878.



This preview shows how white text looks on a background with the Yxy color 47.0061, 0.3199, 0.2878.

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

47.0061, 0.3199, 0.2878

Protanopia

47.1483, 0.2862, 0.2899

Deuteranopia

47.2768, 0.3033, 0.2968



Tritanopia

46.8849, 0.3323, 0.3121

Trichromacy



Original Color

47.0061, 0.3199, 0.2878

Protanomaly

46.8665, 0.2978, 0.2895

Deuteranomaly

47.0253, 0.3092, 0.2937

Tritanomaly

46.9554, 0.3273, 0.3026

Monochromacy



Original Color

47.0061, 0.3199, 0.2878

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.0949, 0.3152, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0061, 0.3199, 0.2878 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, 170, 205)` looks like.

```
.text, #text, p{  
    color:rgb(211, 170, 205)  
}
```

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, 170, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 170, 205) }
```

Border

The CSS property to change the border of an element to Yxy 47.0061, 0.3199, 0.2878 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, 170, 205) }
```

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

```
.border{ border-color:rgb(211, 170, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 170, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 170, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 170, 205);  
box-shadow:4px 4px 4px 4px rgb(211, 170,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0061, 0.3199, 0.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 170, 205) }
```

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

```
.background{ background-color: rgb(211,  
170, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor