

Converting Colors

$Y_{xy}(47.6065, 0.3269, 0.2905)$

Have a look what the booklet for
Yxy(47.6065, 0.3269, 0.2905)
contains.

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Color

Yxy(47.8130, 0.3269, 0.2907)

Conversions

Conversions Part 1

Format	Color
Hex	D9AACB
RGB	217, 170, 203
RGB Percent	85%, 67%, 80%
CMY	0.1491, 0.3333, 0.2039
CMYK	0.00, 0.22, 0.06, 0.15
HSL	318°, 38%, 76%
HSV	318°, 22%, 85%
XYZ	53.7670, 47.8130, 62.8954
YIQ	187.8150, 17.4190, 20.2270

Conversions

Conversions Part 2

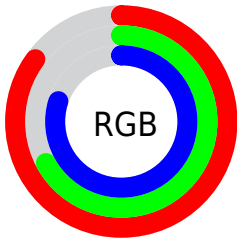
Format	Color
R _Y B	217, 170, 203
Decimal	14265035
CIE Lab	74.71, 22.54, -10.17
CIE LCh	75, 24.731, 335.709
Yxy	47.8130, 0.3269, 0.2907
Android (android.graphics.Color)	4292455115 (0xFFD9AACB)
YUV	187.8150, 7.4862, 25.5952
Hunter-Lab	69.1469, 17.7902, -5.5268

Details

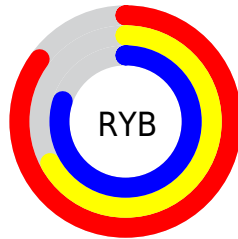
The Yxy color $47.8130, 0.3269, 0.2907$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $61.6280, 0.3010, 0.3706$, and the grayscale version is $50.1292, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.8727, 0.3140, 0.3009$, and $22.5739, 0.3309, 0.2799$ is the 20% darker color. If you saturate the color by 10%, you get $40.0378, 0.3352, 0.2724$, and if you desaturate by 10%, it is $56.9480, 0.3197, 0.3088$.

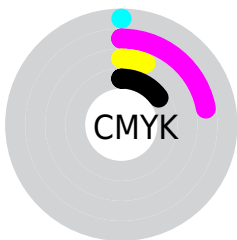
Distribution



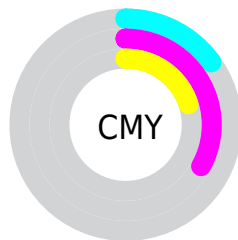
- Red (85%)
- Green (67%)
- Blue (80%)



- Red (85%)
- Yellow (67%)
- Blue (80%)



- Cyan (0%)
- Magenta (22%)
- Yellow (6%)
- Black (15%)





- Cyan (15%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8130, 0.3269, 0.2907 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 47.8130, 0.3269, 0.2907 by changing the saturation by 10% instead.

 47.8130, 0.3269,
0.2907

 47.8130, 0.3269,
0.2907


378.0504, 0.3201,
0.3092

 33.6788, 0.3285,
0.2863


 86.9259, 0.3245,
0.2973

 22.6470, 0.3305,
0.2807


112.6734, 0.3236,
0.2998

 14.3331, 0.3331,
0.2735


143.0609, 0.3228,
0.3019

 8.3527, 0.3366,
0.2638

178.4726, 0.3221,
0.3038

 4.3214, 0.3415,
0.2500

219.2930, 0.3215,
0.3054

 1.8549, 0.3488,
0.2289

265.9065, 0.3210,

 0.5211, 0.3667,

0.3068

0.1798

318.6975, 0.3205,
0.3081

0.0000, 0.0000,
0.0000

47.8130, 0.3269,
0.2907

47.8130, 0.3269,
0.2907

40.0378, 0.3352,
0.2724

56.9480, 0.3197,
0.3088

33.5500, 0.3448,
0.2545

67.4979, 0.3136,
0.3262

28.2803, 0.3554,
0.2378

79.5224, 0.3085,
0.3427

24.1501, 0.3671,
0.2235

91.9185, 0.3042,
0.3562

21.0716, 0.3795,
0.2125

92.2859, 0.3006,
0.3494

■ 18.9443, 0.3922,
0.2059

■ 92.6668, 0.2971,
0.3426

■ 17.6475, 0.4047,
0.2042

■ 93.0614, 0.2936,
0.3359

■ 17.0297, 0.4149,
0.2059

■ 93.4699, 0.2902,
0.3293

■ 93.4901, 0.2900,
0.3289

Harmonies

Analogous

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



47.8130, 0.2924, 0.2759



47.8130, 0.3269, 0.2907



47.8130, 0.3590, 0.3145

Triad

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



47.8130, 0.3269, 0.2907



47.8130, 0.3609, 0.3870



47.8130, 0.2512, 0.3096

Complementary

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



47.8130, 0.3269, 0.2907



61.6280, 0.3010, 0.3706

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.



47.8130, 0.2675, 0.3421



47.8130, 0.3269, 0.2907



47.8130, 0.3304, 0.3891

Square

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



47.8130, 0.3269, 0.2907



47.8130, 0.3789, 0.3691



47.8130, 0.2962, 0.3724



47.8130, 0.2503, 0.2850

Rectangle

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



47.8130, 0.3269, 0.2907



47.8130, 0.3739, 0.3331



47.8130, 0.2962, 0.3724



47.8130, 0.2550, 0.3199

Sweetspot

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



47.8151, 0.3269, 0.2907



90.3337, 0.3162, 0.3186



43.8690, 0.2870, 0.2707



19.1199, 0.3166, 0.3175



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.



47.8151, 0.3269, 0.2907



63.5395, 0.3306, 0.2823



46.8062, 0.3470, 0.3170



13.2053, 0.3183, 0.3127



10.3294, 0.4132, 0.2050



0.6841, 0.3946, 0.1948

Inverse Universe

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



47.8151, 0.3269, 0.2907



63.5395, 0.3306, 0.2823



62.6632, 0.2868, 0.3414



13.2053, 0.3183, 0.3127



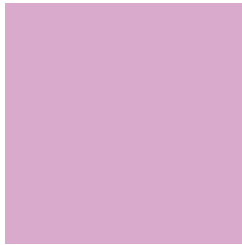
10.3294, 0.4132, 0.2050



0.6841, 0.3946, 0.1948

Previews

White Background



This preview shows how the Yxy color 47.8130, 0.3269, 0.2907 looks on a white background.

Color Contrast Check

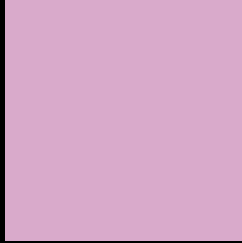
Large Text (above 18pt) WCAG AA × Fail

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 47.8130, 0.3269, 0.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

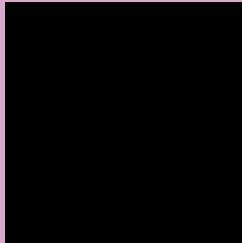
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8130, 0.3269, 0.2907

Background



This preview shows how black text looks on a background with the Yxy color 47.8130, 0.3269, 0.2907.



This preview shows how white text looks on a background with the Yxy color 47.8130, 0.3269, 0.2907.

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

47.8130, 0.3269, 0.2907

Protanopia

48.1538, 0.2885, 0.2939

Deuteranopia

47.9266, 0.3081, 0.3019



Tritanopia

47.8794, 0.3395, 0.3136

Trichromacy



Original Color

47.8130, 0.3269, 0.2907

Protanomaly

47.7323, 0.3018, 0.2923

Deuteranomaly

47.8715, 0.3142, 0.2976

Tritanomaly

47.9097, 0.3353, 0.3055

Monochromacy



Original Color

47.8130, 0.3269, 0.2907

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.0401, 0.3185, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8130, 0.3269, 0.2907 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(217, 170, 203)` looks like.

```
.text, #text, p{  
    color:rgb(217, 170, 203)  
}
```

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(217, 170, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 170, 203) }
```

Border

The CSS property to change the border of an element to Yxy 47.8130, 0.3269, 0.2907 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(217, 170, 203) }
```

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

```
.border{ border-color:rgb(217, 170, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 170, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 170, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 170, 203);  
box-shadow:4px 4px 4px 4px rgb(217, 170,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8130, 0.3269, 0.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 170, 203) }
```

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

```
.background{ background-color: rgb(217,  
170, 203) }
```

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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