

Converting Colors

$Yxy(47.9827, 0.3391, 0.3093)$

Have a look what the booklet for
Yxy(47.9827, 0.3391, 0.3093)
contains.

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Color

Yxy(47.9309, 0.3388, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	D9ACBD
RGB	217, 172, 189
RGB Percent	85%, 67%, 74%
CMY	0.1490, 0.3255, 0.2588
CMYK	0.00, 0.21, 0.13, 0.15
HSL	337°, 37%, 76%
HSV	337°, 21%, 85%
XYZ	52.5534, 47.9309, 54.6319
YIQ	187.3930, 21.3630, 14.8270

Conversions

Conversions Part 2

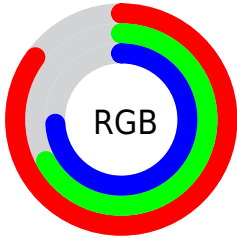
Format	Color
R_{YB}	217, 172, 189
Decimal	14265533
CIE _{Lab}	74.78, 19.09, -2.41
CIE _{LCh}	75, 19.236, 352.817
Yxy	47.9309, 0.3388, 0.3090
Android (android.graphics.Color)	4292455613 (0xFFD9ACBD)
YUV	187.3930, 0.7923, 25.9653
Hunter-Lab	69.2321, 14.3411, 1.6760

Details

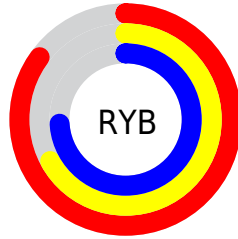
The Yxy color **47.9309, 0.3388, 0.3090** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.5655, 0.2923, 0.3500**, and the grayscale version is **49.9153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3394, 0.3204, 0.3124**, and **22.6526, 0.3464, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **39.7771, 0.3557, 0.2988**, and if you desaturate by 10%, it is **57.4922, 0.3249, 0.3189**.

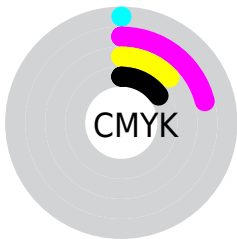
Distribution



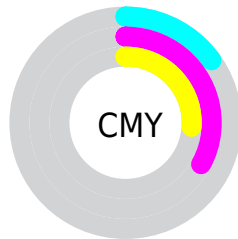
- Red (85%)
- Green (67%)
- Blue (74%)



- Red (85%)
- Yellow (67%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (15%)




- Cyan (15%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9309, 0.3388, 0.3090 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 47.9309, 0.3388, 0.3090 by changing the saturation by 10% instead.


 47.9309, 0.3388,
0.3090

 47.9309, 0.3388,
0.3090


378.5182, 0.3259,
0.3189

 33.7722, 0.3420,
0.3066


 87.1015, 0.3341,
0.3125

 22.7186, 0.3461,
0.3035


112.8822, 0.3324,
0.3139

 14.3859, 0.3515,
0.2995

143.3056, 0.3309,
0.3150

 8.3895, 0.3590,
0.2939

178.7562, 0.3296,
0.3160

 4.3452, 0.3700,
0.2858

219.6184, 0.3285,
0.3169

 1.8685, 0.3880,
0.2728

266.2765, 0.3275,

 0.5293, 0.4337,

0.3176

0.2353

319.1150, 0.3266,
0.3183

0.0000, 0.0000,
0.0000

47.9309, 0.3388,
0.3090

47.9309, 0.3388,
0.3090

39.7771, 0.3557,
0.2988

57.4922, 0.3249,
0.3189

32.9574, 0.3760,
0.2886

68.5169, 0.3135,
0.3283

27.4018, 0.4001,
0.2793

81.0657, 0.3041,
0.3371

23.0308, 0.4278,
0.2718

92.7426, 0.2964,
0.3413

19.7561, 0.4585,
0.2672

93.4914, 0.2900,
0.3289

■ 17.4769, 0.4908,
0.2668

■ 16.0731, 0.5224,
0.2716

■ 15.3609, 0.5493,
0.2800

Harmonies

Analogous

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



47.9309, 0.3122, 0.2927



47.9309, 0.3388, 0.3090



47.9309, 0.3588, 0.3305

Triad

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



47.9309, 0.3388, 0.3090



47.9309, 0.3377, 0.3765



47.9309, 0.2624, 0.3022

Complementary

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



47.9309, 0.3388, 0.3090



62.5655, 0.2923, 0.3500

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.



47.9309, 0.2686, 0.3248



47.9309, 0.3388, 0.3090



47.9309, 0.3115, 0.3694

Square

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



47.9309, 0.3388, 0.3090



47.9309, 0.3579, 0.3697



47.9309, 0.2863, 0.3500



47.9309, 0.2688, 0.2881

Rectangle

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



47.9309, 0.3388, 0.3090



47.9309, 0.3651, 0.3454



47.9309, 0.2863, 0.3500



47.9309, 0.2630, 0.3090

Sweetspot

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



47.9331, 0.3388, 0.3090



90.0258, 0.3193, 0.3234



46.7617, 0.3006, 0.2754



19.0471, 0.3200, 0.3228



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.



47.9331, 0.3388, 0.3090



63.5549, 0.3460, 0.3044



49.2750, 0.3528, 0.3354



13.1326, 0.3233, 0.3202



9.3179, 0.5456, 0.2779



0.6201, 0.5013, 0.2535

Inverse Universe

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



47.9331, 0.3388, 0.3090



63.5549, 0.3460, 0.3044



60.7423, 0.2815, 0.3225



13.1326, 0.3233, 0.3202



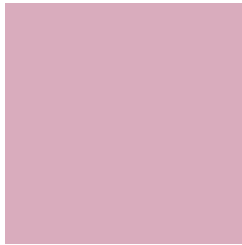
9.3179, 0.5456, 0.2779



0.6201, 0.5013, 0.2535

Previews

White Background



This preview shows how the Yxy color 47.9309, 0.3388, 0.3090 looks on a white background.

Color Contrast Check

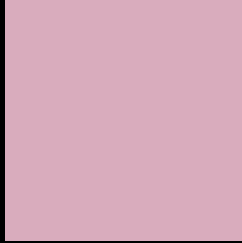
Large Text (above 18pt) WCAG AA × Fail

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 47.9309, 0.3388, 0.3090 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 47.9309, 0.3388, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 47.9309, 0.3388, 0.3090.



This preview shows how white text looks on a background with the Yxy color 47.9309, 0.3388, 0.3090.

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

47.9309, 0.3388, 0.3090

Protanopia

48.0428, 0.3035, 0.3125

Deuteranopia

48.1504, 0.3236, 0.3179



Tritanopia

48.1840, 0.3413, 0.3137

Trichromacy



Original Color

47.9309, 0.3388, 0.3090

Protanomaly

47.8262, 0.3161, 0.3116

Deuteranomaly

47.8033, 0.3293, 0.3144

Tritanomaly

48.2267, 0.3404, 0.3125

Monochromacy



Original Color

47.9309, 0.3388, 0.3090

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.0925, 0.3216, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9309, 0.3388, 0.3090 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, 172, 189)` looks like.

```
.text, #text, p{  
    color:rgb(217, 172, 189)  
}
```

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, 172, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 172, 189) }
```

Border

The CSS property to change the border of an element to Yxy 47.9309, 0.3388, 0.3090 is called "border". The border property can be set on classes, ids or directly on the HTML element.

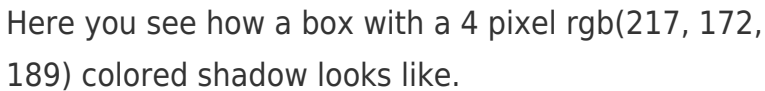
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 172, 189) }
```

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

```
.border{ border-color:rgb(217, 172, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 172, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 172, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 172, 189);  
box-shadow:4px 4px 4px 4px rgb(217, 172,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9309, 0.3388, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 172, 189) }
```

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

```
.background{ background-color: rgb(217,  
172, 189) }
```

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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