

# Converting Colors

$Yxy(46.9388, 0.3447, 0.3102)$

Have a look what the booklet for  
Yxy(46.9388, 0.3447, 0.3102)  
contains.

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# Color

**Yxy(46.9388, 0.3447, 0.3102)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBA9B9
RGB	219, 169, 185
RGB Percent	86%, 66%, 73%
CMY	0.1412, 0.3372, 0.2744
CMYK	0.00, 0.23, 0.16, 0.14
HSL	341°, 41%, 76%
HSV	341°, 23%, 86%
XYZ	52.1593, 46.9388, 52.2198
YIQ	185.7740, 24.6640, 15.5760

# Conversions

## Conversions Part 2

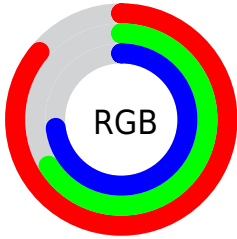
Format	Color
R <sub>Y</sub> B	219, 169, 185
Decimal	14395833
CIE Lab	74.15, 20.78, -1.12
CIE LCh	74, 20.806, 356.918
Yxy	46.9388, 0.3447, 0.3102
Android (android.graphics.Color)	4292585913 (0xFFDBA9B9)
YUV	185.7740, -0.3816, 29.1392
Hunter-Lab	68.5119, 15.9993, 2.7675

# Details

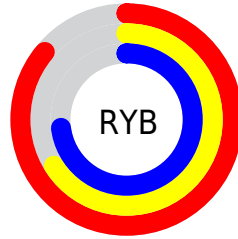
The Yxy color **46.9388, 0.3447, 0.3102** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.4086, 0.2886, 0.3487**, and the grayscale version is **48.9632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9222, 0.3233, 0.3123**, and **22.1751, 0.3532, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **38.8671, 0.3640, 0.3015**, and if you desaturate by 10%, it is **56.4452, 0.3289, 0.3187**.

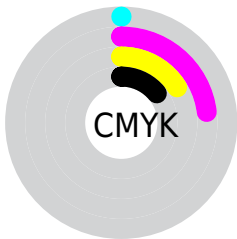
# Distribution



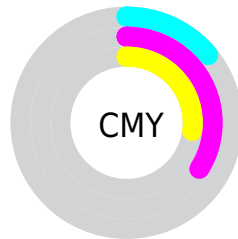
- Red (86%)
- Green (66%)
- Blue (73%)



- Red (86%)
- Yellow (66%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (16%)
- Black (14%)




- Cyan (14%)
- Magenta (34%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 46.9388, 0.3447, 0.3102 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 46.9388, 0.3447, 0.3102 by changing the saturation by 10% instead.





 46.9388, 0.3447,  
0.3102


 46.9388, 0.3447,  
0.3102

374.5702, 0.3288,  
0.3195

 32.9873, 0.3487,  
0.3079


 85.6223, 0.3389,  
0.3136

 22.1167, 0.3538,  
0.3049


 111.1230, 0.3367,  
0.3149

 13.9427, 0.3605,  
0.3010


141.2422, 0.3349,  
0.3159

 8.0808, 0.3700,  
0.2956

176.3644, 0.3333,  
0.3169

 4.1467, 0.3840,  
0.2875

216.8739, 0.3320,  
0.3177

 1.7560, 0.4070,  
0.2744

263.1551, 0.3308,

 0.4595, 0.4774,

0.3184

0.2314

315.5924, 0.3297,  
0.3190

0.0000, 0.0000,  
0.0000

46.9388, 0.3447,  
0.3102

46.9388, 0.3447,  
0.3102

38.8671, 0.3640,  
0.3015

56.4452, 0.3289,  
0.3187

32.1539, 0.3873,  
0.2930

67.4452, 0.3159,  
0.3268

26.7253, 0.4149,  
0.2854

80.0018, 0.3054,  
0.3343

22.4980, 0.4466,  
0.2797

93.1453, 0.2968,  
0.3396

19.3787, 0.4813,  
0.2772

93.7998, 0.2911,  
0.3289

■ 17.2601, 0.5169,  
0.2789

■ 16.0132, 0.5503,  
0.2854

■ 15.5039, 0.5717,  
0.2923

# Harmonies

## Analogous

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



46.9388, 0.3161, 0.2916



46.9388, 0.3447, 0.3102



46.9388, 0.3649, 0.3338

# Triad

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



46.9388, 0.3447, 0.3102



46.9388, 0.3362, 0.3807



46.9388, 0.2582, 0.2970

# Complementary

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



46.9388, 0.3447, 0.3102



63.4086, 0.2886, 0.3487

# 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.



46.9388, 0.2631, 0.3205



46.9388, 0.3447, 0.3102



46.9388, 0.3073, 0.3710

# Square

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



46.9388, 0.3447, 0.3102



46.9388, 0.3595, 0.3750



46.9388, 0.2807, 0.3482



46.9388, 0.2670, 0.2834



# Rectangle

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



46.9388, 0.3447, 0.3102



46.9388, 0.3704, 0.3499



46.9388, 0.2807, 0.3482



46.9388, 0.2583, 0.3039

# Sweetspot

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



46.9409, 0.3447, 0.3102



88.3784, 0.3211, 0.3235



46.0951, 0.3012, 0.2700



18.7130, 0.3218, 0.3230



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.



46.9409, 0.3447, 0.3102



61.0052, 0.3527, 0.3064



49.5020, 0.3573, 0.3390



13.1199, 0.3242, 0.3215



9.2110, 0.5678, 0.2901



0.6122, 0.5213, 0.2645



# Inverse Universe

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



46.9409, 0.3447, 0.3102



61.0052, 0.3527, 0.3064



59.9725, 0.2783, 0.3187



13.1199, 0.3242, 0.3215



9.2110, 0.5678, 0.2901



0.6122, 0.5213, 0.2645



# Previews

## White Background



This preview shows how the Yxy color 46.9388, 0.3447, 0.3102 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

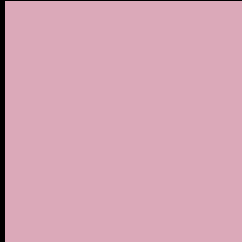
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 46.9388, 0.3447, 0.3102 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 46.9388, 0.3447, 0.3102**

## Background



This preview shows how black text looks on a background with the Yxy color 46.9388, 0.3447, 0.3102.



This preview shows how white text looks on a background with the Yxy color 46.9388, 0.3447, 0.3102.

# 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

46.9388, 0.3447, 0.3102

### Protanopia

47.3289, 0.3058, 0.3162

### Deuteranopia

47.1843, 0.3272, 0.3203



## Tritanopia

46.8549, 0.3465, 0.3126

# Trichromacy



## Original Color

46.9388, 0.3447, 0.3102

## Protanomaly

46.8542, 0.3195, 0.3140

## Deuteranomaly

46.9982, 0.3339, 0.3169

## Tritanomaly

46.8967, 0.3456, 0.3114

# Monochromacy



## Original Color

46.9388, 0.3447, 0.3102

## Achromatopsia

49.1021, 0.3127, 0.3290

## Achromatomaly

48.1935, 0.3234, 0.3216

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 46.9388, 0.3447, 0.3102 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(219, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(219, 169, 185)  
}
```

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(219, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 169, 185) }
```

## Border

The CSS property to change the border of an element to Yxy 46.9388, 0.3447, 0.3102 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(219, 169, 185) }
```

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

```
.border{ border-color:rgb(219, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(219, 169,  
185) }
```



# Background

The CSS property to change the background color of an element to Yxy 46.9388, 0.3447, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 169, 185) }
```

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

```
.background{ background-color: rgb(219,  
169, 185) }
```

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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