

# Converting Colors

$Yxy(43.4814, 0.3418, 0.3154)$

Have a look what the booklet for  
Yxy(43.4814, 0.3418, 0.3154)  
contains.

<b>Yxy(43.3500, 0.3416, 0.3142)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(43.3500, 0.3416, 0.3142)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFA5B1
RGB	207, 165, 177
RGB Percent	81%, 65%, 69%
CMY	0.1881, 0.3530, 0.3058
CMYK	0.00, 0.20, 0.14, 0.19
HSL	343°, 30%, 73%
HSV	343°, 20%, 81%
XYZ	47.1304, 43.3500, 47.4891
YIQ	178.9260, 21.1800, 12.6360

# Conversions

## Conversions Part 2

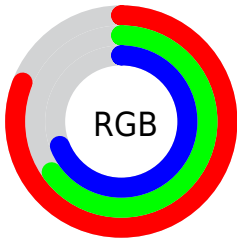
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 165, 177
Decimal	13608369
CIE Lab	71.79, 17.34, -0.31
CIE LCh	72, 17.342, 358.984
Yxy	43.3500, 0.3416, 0.3142
Android (android.graphics.Color)	4291798449 (0xFFCFA5B1)
YUV	178.9260, -0.9495, 24.6209
Hunter-Lab	65.8407, 12.5533, 3.3243

# Details

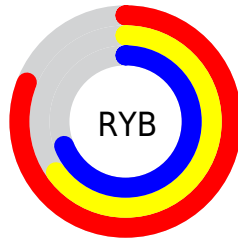
The Yxy color **43.3500, 0.3416, 0.3142** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.5777, 0.2902, 0.3444**, and the grayscale version is **45.0371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3296, 0.3291, 0.3161**, and **19.9409, 0.3505, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **35.9209, 0.3609, 0.3064**, and if you desaturate by 10%, it is **52.0556, 0.3259, 0.3217**.

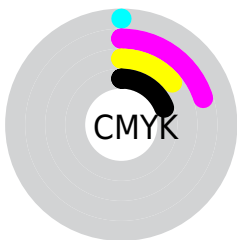
# Distribution



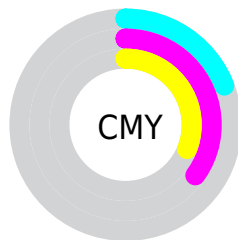
- Red (81%)
- Green (65%)
- Blue (69%)



- Red (81%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (19%)




- Cyan (19%)
- Magenta (35%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3500, 0.3416, 0.3142 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 43.3500, 0.3416, 0.3142 by changing the saturation by 10% instead.





 43.3500, 0.3416,  
0.3142


 43.3500, 0.3416,  
0.3142


360.0492, 0.3270,  
0.3217

 30.1598, 0.3453,  
0.3123


 80.2388, 0.3362,  
0.3169

 19.9599, 0.3501,  
0.3099


 104.7061, 0.3342,  
0.3180

 12.3659, 0.3566,  
0.3066


133.7014, 0.3326,  
0.3188

 6.9934, 0.3657,  
0.3019

167.6088, 0.3311,  
0.3196

 3.4580, 0.3796,  
0.2948

206.8130, 0.3299,  
0.3202

 1.3752, 0.4033,  
0.2828

251.6981, 0.3288,

 0.1984, 0.5840,

0.3208

0.1893

302.6487, 0.3278,  
0.3213

0.0000, 0.0000,  
0.0000

43.3500, 0.3416,  
0.3142

43.3500, 0.3416,  
0.3142

35.9209, 0.3609,  
0.3064

52.0556, 0.3259,  
0.3217

29.7025, 0.3842,  
0.2988

62.0880, 0.3131,  
0.3288

24.6316, 0.4121,  
0.2918

73.5019, 0.3026,  
0.3353

20.6372, 0.4445,  
0.2863

86.3471, 0.2941,  
0.3413

17.6401, 0.4803,  
0.2835

91.7489, 0.2865,  
0.3332

■ 15.5502, 0.5177,  
0.2844

■ 92.0094, 0.2844,  
0.3289

■ 14.2610, 0.5532,  
0.2899

■ 13.5878, 0.5830,  
0.2985

# Harmonies

## Analogous

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



43.3500, 0.3175, 0.2976



43.3500, 0.3416, 0.3142



43.3500, 0.3581, 0.3348

# Triad

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



43.3500, 0.3416, 0.3142



43.3500, 0.3313, 0.3729



43.3500, 0.2659, 0.3006

# Complementary

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



43.3500, 0.3416, 0.3142



56.5777, 0.2902, 0.3444

# 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.



43.3500, 0.2694, 0.3204



43.3500, 0.3416, 0.3142



43.3500, 0.3065, 0.3636

# Square

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



43.3500, 0.3416, 0.3142



43.3500, 0.3518, 0.3692



43.3500, 0.2840, 0.3439



43.3500, 0.2744, 0.2894



# Rectangle

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



43.3500, 0.3416, 0.3142



43.3500, 0.3621, 0.3486



43.3500, 0.2840, 0.3439



43.3500, 0.2657, 0.3064

# Sweetspot

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



43.3520, 0.3416, 0.3142



89.9401, 0.3201, 0.3248



42.9383, 0.3040, 0.2773



19.0269, 0.3210, 0.3243



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.



43.3520, 0.3416, 0.3142



64.4735, 0.3488, 0.3111



46.0262, 0.3508, 0.3396



11.8631, 0.3246, 0.3224



8.5726, 0.5794, 0.2965



0.4931, 0.5261, 0.2672



# Inverse Universe

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



43.3520, 0.3416, 0.3142



64.4735, 0.3488, 0.3111



53.1774, 0.2819, 0.3182



11.8631, 0.3246, 0.3224



8.5726, 0.5794, 0.2965



0.4931, 0.5261, 0.2672



# Previews

## White Background



This preview shows how the Yxy color 43.3500, 0.3416, 0.3142 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

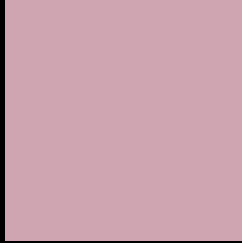
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.3500, 0.3416, 0.3142 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

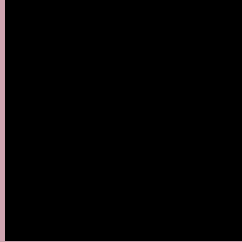
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 43.3500, 0.3416, 0.3142**

## **Background**



This preview shows how black text looks on a background with the Yxy color 43.3500, 0.3416, 0.3142.



This preview shows how white text looks on a background with the Yxy color 43.3500, 0.3416, 0.3142.

# 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

43.3500, 0.3416, 0.3142

### Protanopia

43.4260, 0.3080, 0.3184

### Deuteranopia

43.5979, 0.3285, 0.3226



## Tritanopia

43.3900, 0.3407, 0.3130

# Trichromacy



## Original Color

43.3500, 0.3416, 0.3142

## Protanomaly

43.1534, 0.3196, 0.3160

## Deuteranomaly

43.5163, 0.3334, 0.3202

## Tritanomaly

43.3900, 0.3407, 0.3130

# Monochromacy



## Original Color

43.3500, 0.3416, 0.3142

## Achromatopsia

45.0786, 0.3127, 0.3290

## Achromatomaly

44.3053, 0.3228, 0.3239

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.3500, 0.3416, 0.3142 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(207, 165, 177)` looks like.

```
.text, #text, p{  
    color:rgb(207, 165, 177)  
}
```

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(207, 165, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 165, 177) }
```

## Border

The CSS property to change the border of an element to Yxy 43.3500, 0.3416, 0.3142 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(207, 165, 177) }
```

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

```
.border{ border-color:rgb(207, 165, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 165, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 165, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 165, 177);  
box-shadow:4px 4px 4px 4px rgb(207, 165,  
177) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.3500, 0.3416, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 165, 177) }
```

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

```
.background{ background-color: rgb(207,  
165, 177) }
```

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