

# Converting Colors

Yxy(34.4120, 0.3708, 0.3123)

Have a look what the booklet for  
Yxy(34.4120, 0.3708, 0.3123)  
contains.

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# Color

**Yxy(34.3547, 0.3711, 0.3113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF8C9A
RGB	207, 140, 154
RGB Percent	81%, 55%, 60%
CMY	0.1880, 0.4511, 0.3960
CMYK	0.00, 0.32, 0.26, 0.19
HSL	347°, 41%, 68%
HSV	347°, 32%, 81%
XYZ	40.9542, 34.3547, 35.0500
YIQ	161.6290, 35.4380, 18.5580

# Conversions

## Conversions Part 2

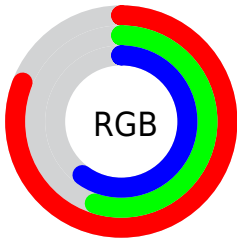
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 140, 154
Decimal	13601946
CIE <sub>Lab</sub>	65.24, 27.46, 3.01
CIE <sub>LCh</sub>	65, 27.628, 6.245
Yxy	34.3547, 0.3711, 0.3113
Android (android.graphics.Color)	4291792026 (0xFFCF8C9A)
YUV	161.6290, -3.7611, 39.7904
Hunter-Lab	58.6129, 22.1495, 5.5741

# Details

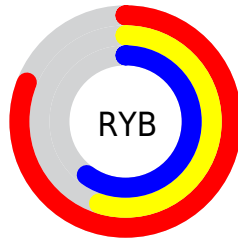
The Yxy color **34.3547, 0.3711, 0.3113** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.0746, 0.2750, 0.3478**, and the grayscale version is **35.9557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3976, 0.3515, 0.3147**, and **14.7033, 0.3900, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **28.3563, 0.3983, 0.3058**, and if you desaturate by 10%, it is **41.5691, 0.3487, 0.3170**.

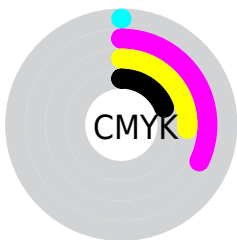
# Distribution



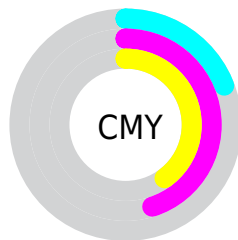
- Red (81%)
- Green (55%)
- Blue (60%)



- Red (81%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (32%)
- Yellow (26%)
- Black (19%)




- Cyan (19%)
- Magenta (45%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 34.3547, 0.3711, 0.3113 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 34.3547, 0.3711, 0.3113 by changing the saturation by 10% instead.





 34.3547, 0.3711,  
0.3113

 34.3547, 0.3711,  
0.3113


321.7108, 0.3403,  
0.3209


 23.1662, 0.3793,  
0.3087


 66.4849, 0.3595,  
0.3150

 14.7163, 0.3903,  
0.3051


 88.1954, 0.3553,  
0.3163

 8.6205, 0.4054,  
0.3001


 114.1820, 0.3518,  
0.3174

 4.4945, 0.4278,  
0.2925

144.8291, 0.3488,  
0.3183

 1.9538, 0.4639,  
0.2797

180.5212, 0.3462,  
0.3191

 0.5804, 0.5613,  
0.2541

221.6425, 0.3440,

 0.0000, 1.0000,

0.3198

0.0000

268.5776, 0.3420,  
0.3204

■ 0.0000, 0.0000,  
0.0000

■ 34.3547, 0.3711,  
0.3113

■ 34.3547, 0.3711,  
0.3113

■ 28.3563, 0.3983,  
0.3058

■ 41.5691, 0.3487,  
0.3170

■ 23.5020, 0.4308,  
0.3010

■ 50.0565, 0.3305,  
0.3226

■ 19.7199, 0.4681,  
0.2977


■ 59.8761, 0.3158,  
0.3278

■ 16.9279, 0.5087,  
0.2969


■ 71.0820, 0.3039,  
0.3327

■ 15.0319, 0.5491,  
0.2994

■ 83.7252, 0.2942,  
0.3371

 13.9192, 0.5848,  
0.3056

 91.8367, 0.2858,  
0.3318

 13.4494, 0.6066,  
0.3115

 92.0126, 0.2844,  
0.3289

# Harmonies

## Analogous

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



34.3547, 0.3309, 0.2824



34.3547, 0.3711, 0.3113



34.3547, 0.3952, 0.3455

# Triad

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



34.3547, 0.3711, 0.3113



34.3547, 0.3333, 0.4047



34.3547, 0.2361, 0.2737

# Complementary

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



34.3547, 0.3711, 0.3113



54.0746, 0.2750, 0.3478

# 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.



34.3547, 0.2367, 0.3034



34.3547, 0.3711, 0.3113



34.3547, 0.2910, 0.3834

# Square

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



34.3547, 0.3711, 0.3113



34.3547, 0.3717, 0.4013



34.3547, 0.2561, 0.3443



34.3547, 0.2541, 0.2605



# Rectangle

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



34.3547, 0.3711, 0.3113



34.3547, 0.3978, 0.3680



34.3547, 0.2561, 0.3443



34.3547, 0.2342, 0.2818

# Sweetspot

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



34.3563, 0.3711, 0.3113



83.5644, 0.3269, 0.3238



34.5318, 0.3025, 0.2457



17.4301, 0.3291, 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.



34.3563, 0.3711, 0.3113



48.0350, 0.3898, 0.3074



39.9558, 0.3791, 0.3533



11.8481, 0.3258, 0.3242



8.4804, 0.6035, 0.3098



0.4860, 0.5517, 0.2813



# Inverse Universe

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



34.3563, 0.3711, 0.3113



48.0350, 0.3898, 0.3074



46.0676, 0.2637, 0.3031



11.8481, 0.3258, 0.3242



8.4804, 0.6035, 0.3098

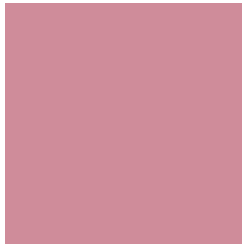


0.4860, 0.5517, 0.2813



# Previews

## White Background



This preview shows how the Yxy color 34.3547, 0.3711, 0.3113 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

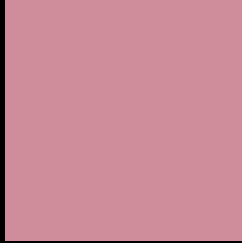
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 34.3547, 0.3711, 0.3113 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

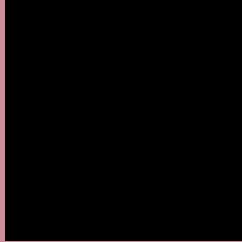
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 34.3547, 0.3711, 0.3113**

## **Background**



This preview shows how black text looks on a background with the Yxy color 34.3547, 0.3711, 0.3113.



This preview shows how white text looks on a background with the Yxy color 34.3547, 0.3711, 0.3113.

# 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

34.3547, 0.3711, 0.3113

### Protanopia

34.6076, 0.3093, 0.3202

### Deuteranopia

34.3966, 0.3381, 0.3305



## Tritanopia

34.2559, 0.3744, 0.3151

# Trichromacy



**Original Color**

34.3547, 0.3711, 0.3113

**Protanomaly**

34.0184, 0.3306, 0.3164

**Deuteranomaly**

34.1711, 0.3497, 0.3223

**Tritanomaly**

34.2886, 0.3733, 0.3139

# Monochromacy



**Original Color**

34.3547, 0.3711, 0.3113

**Achromatopsia**

36.1307, 0.3127, 0.3290

**Achromatomaly**

35.0794, 0.3321, 0.3221

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 34.3547, 0.3711, 0.3113 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, 140, 154)` looks like.

```
.text, #text, p{  
  color:rgb(207, 140, 154)  
}
```

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, 140, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 140, 154) }
```

## Border

The CSS property to change the border of an element to Yxy 34.3547, 0.3711, 0.3113 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, 140, 154) }
```

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

```
.border{ border-color:rgb(207, 140, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 140, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 140, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 140, 154);  
box-shadow:4px 4px 4px 4px rgb(207, 140,  
154) }
```



# Background

The CSS property to change the background color of an element to Yxy 34.3547, 0.3711, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 140, 154) }
```

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

```
.background{ background-color: rgb(207,  
140, 154) }
```

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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