

Converting Colors

$Y_{xy}(38.4202, 0.3504, 0.3110)$

Have a look what the booklet for
Yxy(38.4202, 0.3504, 0.3110)
contains.

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Color

Yxy(38.4099, 0.3507, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	CC99A7
RGB	204, 153, 167
RGB Percent	80%, 60%, 65%
CMY	0.2000, 0.4000, 0.3450
CMYK	0.00, 0.25, 0.18, 0.20
HSL	344°, 33%, 70%
HSV	344°, 25%, 80%
XYZ	43.2713, 38.4099, 41.7043
YIQ	169.8450, 25.9020, 15.1660

Conversions

Conversions Part 2

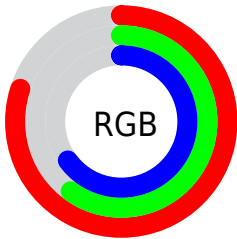
Format	Color
RYB	204, 153, 167
Decimal	13408679
CIELab	68.32, 21.19, 0.14
CIELCh	68, 21.187, 0.369
Yxy	38.4099, 0.3507, 0.3113
Android (android.graphics.Color)	4291598759 (0xFFCC99A7)
YUV	169.8450, -1.4026, 29.9539
Hunter-Lab	61.9757, 16.1707, 3.4860

Details

The Yxy color **38.4099, 0.3507, 0.3113** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.6783, 0.2850, 0.3476**, and the grayscale version is **40.1164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6457, 0.3384, 0.3149**, and **17.1301, 0.3625, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **31.7785, 0.3721, 0.3038**, and if you desaturate by 10%, it is **46.2491, 0.3331, 0.3187**.

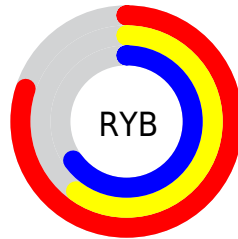
Distribution



Red (80%)

Green (60%)

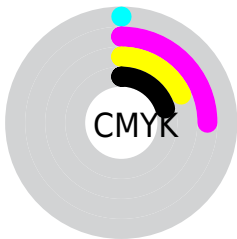
Blue (65%)



Red (80%)

Yellow (60%)

Blue (65%)

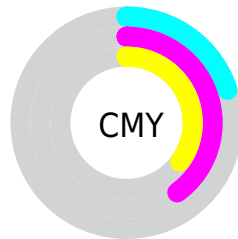


Cyan (0%)

Magenta (25%)

Yellow (18%)

Black (20%)



Cyan (20%)


Magenta (40%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4099, 0.3507, 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 38.4099, 0.3507, 0.3113 by changing the saturation by 10% instead.


 38.4099, 0.3507,
0.3113


 38.4099, 0.3507,
0.3113


339.3751, 0.3311,
0.3205

 26.3010, 0.3558,
0.3089


 72.7360, 0.3434,
0.3147

 17.0489, 0.3625,
0.3058


 95.7219, 0.3407,
0.3160

 10.2694, 0.3716,
0.3015


123.1023, 0.3385,
0.3170

 5.5779, 0.3848,
0.2953

155.2616, 0.3366,
0.3179

 2.5902, 0.4056,
0.2856

192.5841, 0.3349,
0.3187

 0.9217, 0.4427,
0.2681

235.4542, 0.3335,

 0.0000, 1.0000,

0.3193

0.0000

284.2564, 0.3322,
0.3199

■ 0.0000, 0.0000,
0.0000

■ 38.4099, 0.3507,
0.3113

■ 38.4099, 0.3507,
0.3113

■ 31.7785, 0.3721,
0.3038

■ 46.2491, 0.3331,
0.3187

■ 26.2894, 0.3980,
0.2967

■ 55.3467, 0.3188,
0.3257

■ 21.8790, 0.4285,
0.2906

■ 65.7568, 0.3072,
0.3322

■ 18.4752, 0.4633,
0.2865

■ 77.5290, 0.2977,
0.3382

■ 15.9972, 0.5008,
0.2854

■ 90.7081, 0.2900,
0.3437

■ 14.3514, 0.5382,
0.2885

■ 91.5784, 0.2827,
0.3289

■ 13.4241, 0.5717,
0.2960

■ 13.1249, 0.5865,
0.3005

Harmonies

Analogous

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



38.4099, 0.3201, 0.2904



38.4099, 0.3507, 0.3113



38.4099, 0.3712, 0.3371

Triad

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



38.4099, 0.3507, 0.3113



38.4099, 0.3346, 0.3851



38.4099, 0.2540, 0.2917

Complementary

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



38.4099, 0.3507, 0.3113



53.6783, 0.2850, 0.3476

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.



38.4099, 0.2575, 0.3163



38.4099, 0.3507, 0.3113



38.4099, 0.3031, 0.3727

Square

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



38.4099, 0.3507, 0.3113



38.4099, 0.3612, 0.3805



38.4099, 0.2751, 0.3465



38.4099, 0.2651, 0.2786

Rectangle

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



38.4099, 0.3507, 0.3113



38.4099, 0.3758, 0.3543



38.4099, 0.2751, 0.3465



38.4099, 0.2535, 0.2988

Sweetspot

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



38.4117, 0.3507, 0.3113



86.7516, 0.3230, 0.3235



38.0322, 0.3023, 0.2648



18.0691, 0.3251, 0.3225



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.



38.4117, 0.3507, 0.3113



57.4486, 0.3617, 0.3073



41.7075, 0.3616, 0.3432



11.2635, 0.3248, 0.3226



8.2739, 0.5829, 0.2985



0.4399, 0.5258, 0.2670

Inverse Universe

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



38.4117, 0.3507, 0.3113



57.4486, 0.3617, 0.3073



49.2525, 0.2750, 0.3143



11.2635, 0.3248, 0.3226



8.2739, 0.5829, 0.2985



0.4399, 0.5258, 0.2670

Previews

White Background



This preview shows how the Yxy color 38.4099, 0.3507, 0.3113 looks on a white background.

Color Contrast Check

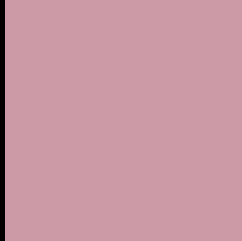
Large Text (above 18pt) WCAG AA × Fail

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 38.4099, 0.3507, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

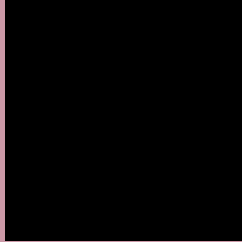
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4099, 0.3507, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 38.4099, 0.3507, 0.3113.



This preview shows how white text looks on a background with the Yxy color 38.4099, 0.3507, 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

38.4099, 0.3507, 0.3113

Protanopia

38.6924, 0.3069, 0.3165

Deuteranopia

38.2736, 0.3303, 0.3236



Tritanopia

38.3364, 0.3527, 0.3139

Trichromacy



Original Color

38.4099, 0.3507, 0.3113

Protanomaly

38.2921, 0.3220, 0.3141

Deuteranomaly

38.2833, 0.3377, 0.3185

Tritanomaly

38.3730, 0.3517, 0.3126

Monochromacy



Original Color

38.4099, 0.3507, 0.3113

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.3606, 0.3253, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4099, 0.3507, 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(204, 153, 167)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 167)  
}
```

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(204, 153, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 167) }
```

Border

The CSS property to change the border of an element to Yxy 38.4099, 0.3507, 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(204, 153, 167) }
```

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

```
.border{ border-color:rgb(204, 153, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 167);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4099, 0.3507, 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(204, 153, 167) }
```

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

```
.background{ background-color: rgb(204,  
153, 167) }
```

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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