

Converting Colors

$Yxy(38.9338, 0.3478, 0.3045)$

Have a look what the booklet for
Yxy(38.9338, 0.3478, 0.3045)
contains.

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Color

Yxy(39.0650, 0.3477, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	CF99AD
RGB	207, 153, 173
RGB Percent	81%, 60%, 68%
CMY	0.1883, 0.4000, 0.3215
CMYK	0.00, 0.26, 0.16, 0.19
HSL	338°, 36%, 71%
HSV	338°, 26%, 81%
XYZ	44.6659, 39.0650, 44.7301
YIQ	171.4260, 25.7640, 17.6680

Conversions

Conversions Part 2

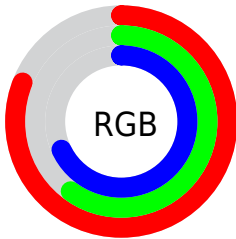
Format	Color
R _Y B	207, 153, 173
Decimal	13605293
CIE Lab	68.80, 23.22, -2.47
CIE LCh	69, 23.352, 353.921
Yxy	39.0650, 0.3477, 0.3041
Android (android.graphics.Color)	4291795373 (0xFFCF99AD)
YUV	171.4260, 0.7760, 31.1984
Hunter-Lab	62.5020, 18.1832, 1.3200

Details

The Yxy color **39.0650, 0.3477, 0.3041** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.9821, 0.2872, 0.3555**, and the grayscale version is **40.9376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9732, 0.3340, 0.3089**, and **17.3632, 0.3584, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **32.3881, 0.3665, 0.2941**, and if you desaturate by 10%, it is **46.9700, 0.3321, 0.3140**.

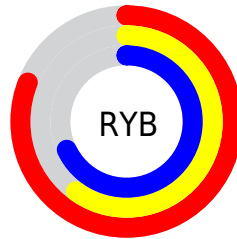
Distribution



Red (81%)

Green (60%)

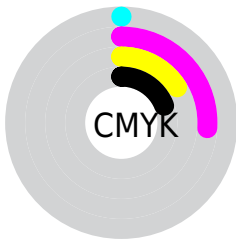
Blue (68%)



Red (81%)

Yellow (60%)

Blue (68%)

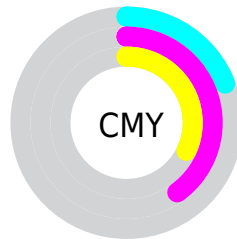


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (19%)



Cyan (19%)


Magenta (40%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0650, 0.3477, 0.3041 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 39.0650, 0.3477, 0.3041 by changing the saturation by 10% instead.


 39.0650, 0.3477,
0.3041


 39.0650, 0.3477,
0.3041


342.1668, 0.3298,
0.3168

 26.8103, 0.3523,
0.3009


 73.7376, 0.3411,
0.3088

 17.4308, 0.3583,
0.2967


 96.9243, 0.3386,
0.3105

 10.5421, 0.3665,
0.2910


124.5238, 0.3366,
0.3119

 5.7599, 0.3782,
0.2830

156.9204, 0.3348,
0.3132

 2.6996, 0.3964,
0.2708

194.4987, 0.3333,
0.3143

 0.9770, 0.4282,
0.2498

237.6429, 0.3320,


 0.0000, 0.9402,


0.3152


0.0000


286.7374, 0.3308,
0.3160


 0.0000, 0.0000,
0.0000


 39.0650, 0.3477,
0.3041


 39.0650, 0.3477,
0.3041


 32.3881, 0.3665,
0.2941


 46.9700, 0.3321,
0.3140


 26.8719, 0.3890,
0.2845

 56.1553, 0.3193,
0.3235


 22.4505, 0.4153,
0.2761

 66.6768, 0.3089,
0.3324

 19.0493, 0.4450,
0.2702

 78.5852, 0.3003,
0.3406

 16.5842, 0.4771,
0.2678

 90.9662, 0.2932,
0.3466

■ 14.9575, 0.5097,
0.2701

■ 91.7605, 0.2863,
0.3329

■ 14.0471, 0.5402,
0.2776

■ 92.0044, 0.2844,
0.3289

■ 13.7964, 0.5515,
0.2812

Harmonies

Analogous

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



39.0650, 0.3130, 0.2832



39.0650, 0.3477, 0.3041



39.0650, 0.3734, 0.3314

Triad

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



39.0650, 0.3477, 0.3041



39.0650, 0.3436, 0.3911



39.0650, 0.2481, 0.2929

Complementary

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



39.0650, 0.3477, 0.3041



54.9821, 0.2872, 0.3555

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.



39.0650, 0.2553, 0.3218



39.0650, 0.3477, 0.3041



39.0650, 0.3094, 0.3816

Square

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



39.0650, 0.3477, 0.3041



39.0650, 0.3705, 0.3820



39.0650, 0.2773, 0.3552



39.0650, 0.2569, 0.2758

Rectangle

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



39.0650, 0.3477, 0.3041



39.0650, 0.3812, 0.3505



39.0650, 0.2773, 0.3552



39.0650, 0.2487, 0.3014

Sweetspot

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



39.0668, 0.3477, 0.3041



86.8684, 0.3217, 0.3216



37.7657, 0.2968, 0.2608



18.0984, 0.3236, 0.3202



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.



39.0668, 0.3477, 0.3041



56.7111, 0.3572, 0.2988



40.4657, 0.3660, 0.3371



11.8797, 0.3233, 0.3204



8.7099, 0.5479, 0.2792



0.5022, 0.4976, 0.2515

Inverse Universe

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



39.0668, 0.3477, 0.3041



56.7111, 0.3572, 0.2988



52.9085, 0.2741, 0.3207



11.8797, 0.3233, 0.3204



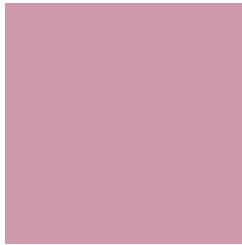
8.7099, 0.5479, 0.2792



0.5022, 0.4976, 0.2515

Previews

White Background



This preview shows how the Yxy color 39.0650, 0.3477, 0.3041 looks on a white background.

Color Contrast Check

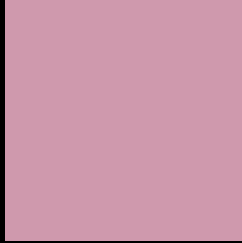
Large Text (above 18pt) WCAG AA × Fail

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 39.0650, 0.3477, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

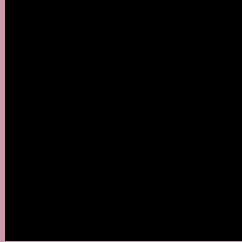
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0650, 0.3477, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 39.0650, 0.3477, 0.3041.



This preview shows how white text looks on a background with the Yxy color 39.0650, 0.3477, 0.3041.

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

39.0650, 0.3477, 0.3041

Protanopia

39.1891, 0.3010, 0.3097

Deuteranopia

39.2019, 0.3246, 0.3183



Tritanopia

38.9862, 0.3535, 0.3140

Trichromacy



Original Color

39.0650, 0.3477, 0.3041

Protanomaly

39.0001, 0.3175, 0.3076

Deuteranomaly

38.9813, 0.3329, 0.3120

Tritanomaly

39.0976, 0.3505, 0.3102

Monochromacy



Original Color

39.0650, 0.3477, 0.3041

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.7198, 0.3245, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0650, 0.3477, 0.3041 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, 153, 173)` looks like.

```
.text, #text, p{  
    color:rgb(207, 153, 173)  
}
```

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, 153, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 153, 173) }
```

Border

The CSS property to change the border of an element to Yxy 39.0650, 0.3477, 0.3041 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, 153, 173) }
```

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

```
.border{ border-color:rgb(207, 153, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 153, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 153, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 153, 173);  
box-shadow:4px 4px 4px 4px rgb(207, 153,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0650, 0.3477, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 153, 173) }
```

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

```
.background{ background-color: rgb(207,  
153, 173) }
```

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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