

Converting Colors

$Yxy(39.3274, 0.3667, 0.3368)$

Have a look what the booklet for
Yxy(39.3274, 0.3667, 0.3368)
contains.

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Color

Yxy(39.3274, 0.3667, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	CD9D97
RGB	205, 157, 151
RGB Percent	80%, 62%, 59%
CMY	0.1961, 0.3843, 0.4078
CMYK	0.00, 0.23, 0.26, 0.20
HSL	7°, 35%, 70%
HSV	7°, 26%, 80%
XYZ	42.8188, 39.3274, 34.6217
YIQ	170.6680, 30.5340, 8.3100

Conversions

Conversions Part 2

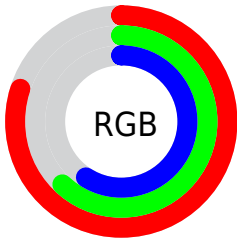
Format	Color
R _Y B	205, 158, 151
Decimal	13475223
CIE Lab	68.99, 16.97, 10.02
CIE LCh	69, 19.709, 30.565
Yxy	39.3274, 0.3667, 0.3368
Android (android.graphics.Color)	4291665303 (0xFFCD9D97)
YUV	170.6680, -9.6963, 30.1092
Hunter-Lab	62.7116, 12.1326, 11.1654

Details

The Yxy color **39.3274, 0.3667, 0.3368** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.8375, 0.2738, 0.3210**, and the grayscale version is **40.5888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7547, 0.3504, 0.3363**, and **17.5073, 0.3846, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **33.0056, 0.3959, 0.3399**, and if you desaturate by 10%, it is **46.6886, 0.3427, 0.3337**.

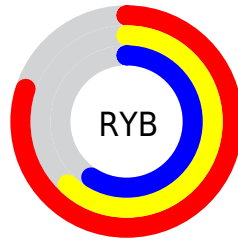
Distribution



Red (80%)

Green (62%)

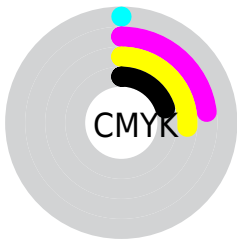
Blue (59%)



Red (80%)

Yellow (62%)

Blue (59%)

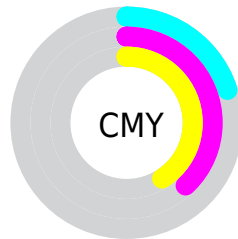


Cyan (0%)

Magenta (23%)

Yellow (26%)

Black (20%)



Cyan (20%)


Magenta (38%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3274, 0.3667, 0.3368 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 39.3274, 0.3667, 0.3368 by changing the saturation by 10% instead.


 39.3274, 0.3667,
0.3368


 39.3274, 0.3667,
0.3368


343.2805, 0.3387,
0.3333

 27.0145, 0.3740,
0.3375


 74.1382, 0.3563,
0.3357

 17.5841, 0.3836,
0.3383


 97.4049, 0.3524,
0.3352

 10.6518, 0.3967,
0.3392


125.0917, 0.3492,
0.3348

 5.8332, 0.4156,
0.3400

157.5830, 0.3465,
0.3344

 2.7439, 0.4452,
0.3401

195.2631, 0.3441,
0.3341

 0.9996, 0.5160,
0.3500

238.5164, 0.3421,

 0.0000, 1.0000,

0.3338

0.0000


287.7274, 0.3403,
0.3336


 0.0000, 0.0000,
0.0000

 39.3274, 0.3667,
0.3368


 39.3274, 0.3667,
0.3368

 33.0056, 0.3959,
0.3399

 46.6886, 0.3427,
0.3337


 27.6711, 0.4308,
0.3428

 55.1274, 0.3232,
0.3308

 23.2756, 0.4713,
0.3451

 64.6867, 0.3072,
0.3280

 19.7646, 0.5154,
0.3462

 75.4054, 0.2942,
0.3255

 17.0777, 0.5596,
0.3455

 87.3208, 0.2836,
0.3233

■ 15.1472, 0.5978,
0.3427

■ 91.7175, 0.2832,
0.3289

■ 13.8939, 0.6244,
0.3380

■ 13.5798, 0.6316,
0.3367

Harmonies

Analogous

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



39.3274, 0.3479, 0.3128



39.3274, 0.3667, 0.3368



39.3274, 0.3701, 0.3601

Triad

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



39.3274, 0.3667, 0.3368



39.3274, 0.3037, 0.3690



39.3274, 0.2688, 0.2823

Complementary

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



39.3274, 0.3667, 0.3368



51.8375, 0.2738, 0.3210

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.



39.3274, 0.2583, 0.2945



39.3274, 0.3667, 0.3368



39.3274, 0.2778, 0.3450

Square

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



39.3274, 0.3667, 0.3368



39.3274, 0.3329, 0.3806



39.3274, 0.2615, 0.3172



39.3274, 0.2909, 0.2822

Rectangle

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



39.3274, 0.3667, 0.3368



39.3274, 0.3633, 0.3723



39.3274, 0.2615, 0.3172



39.3274, 0.2639, 0.2851

Sweetspot

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



39.3292, 0.3667, 0.3368



87.7237, 0.3263, 0.3313



39.2693, 0.3206, 0.2701



18.3112, 0.3292, 0.3317



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.



39.3292, 0.3667, 0.3368



57.9328, 0.3838, 0.3387



49.2459, 0.3584, 0.3694



11.4106, 0.3287, 0.3316



8.5251, 0.6301, 0.3379



0.5089, 0.6032, 0.3592

Inverse Universe

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



51.8375, 0.2738, 0.3210



82.0315, 0.2656, 0.3190



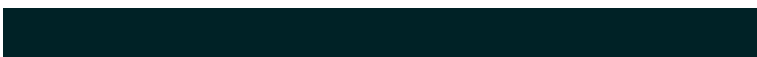
40.7263, 0.2704, 0.2849



12.5062, 0.2983, 0.3264



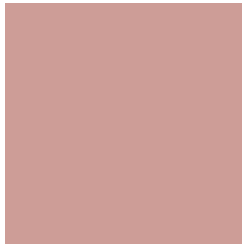
23.7263, 0.2150, 0.2940



1.2861, 0.2171, 0.3014

Previews

White Background



This preview shows how the Yxy color 39.3274, 0.3667, 0.3368 looks on a white background.

Color Contrast Check

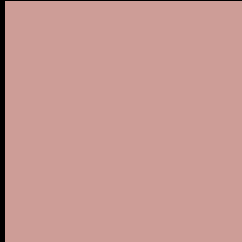
Large Text (above 18pt) WCAG AA × Fail

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 39.3274, 0.3667, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

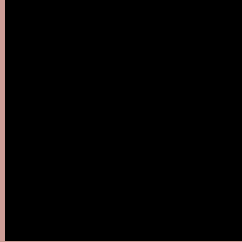
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3274, 0.3667, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 39.3274, 0.3667, 0.3368.



This preview shows how white text looks on a background with the Yxy color 39.3274, 0.3667, 0.3368.

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

39.3274, 0.3667, 0.3368

Protanopia

39.4383, 0.3279, 0.3444

Deuteranopia

39.6029, 0.3529, 0.3464



Tritanopia

39.4981, 0.3533, 0.3141

Trichromacy



Original Color

39.3274, 0.3667, 0.3368

Protanomaly

39.2318, 0.3410, 0.3413

Deuteranomaly

39.5621, 0.3584, 0.3436

Tritanomaly

39.4720, 0.3580, 0.3228

Monochromacy



Original Color

39.3274, 0.3667, 0.3368

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.0201, 0.3305, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3274, 0.3667, 0.3368 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(205, 157, 151)` looks like.

```
.text, #text, p{  
    color:rgb(205, 157, 151)  
}
```

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(205, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 157, 151) }
```

Border

The CSS property to change the border of an element to Yxy 39.3274, 0.3667, 0.3368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

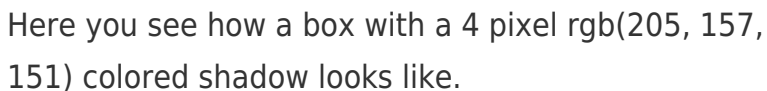
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 157, 151) }
```

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

```
.border{ border-color:rgb(205, 157, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 157, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 157, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 157, 151); box-shadow:4px 4px 4px 4px rgb(205, 157, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3274, 0.3667, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 157, 151) }
```

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

```
.background{ background-color: rgb(205,  
157, 151) }
```

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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