

Converting Colors

Yxy(39.4846, 0.3605, 0.3339)

Have a look what the booklet for
Yxy(39.4846, 0.3605, 0.3339)
contains.

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Color

Yxy(39.4833, 0.3614, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	CB9E9A
RGB	203, 158, 154
RGB Percent	80%, 62%, 60%
CMY	0.2040, 0.3803, 0.3961
CMYK	0.00, 0.22, 0.24, 0.20
HSL	5°, 32%, 70%
HSV	5°, 24%, 80%
XYZ	42.6840, 39.4833, 35.9401
YIQ	170.9990, 28.1040, 8.2960

Conversions

Conversions Part 2

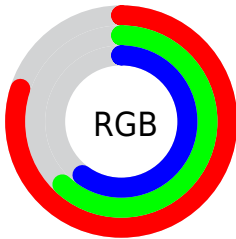
Format	Color
R _Y B	203, 158, 154
Decimal	13344410
CIE Lab	69.10, 16.08, 8.50
CIE LCh	69, 18.194, 27.867
Yxy	39.4833, 0.3614, 0.3343
Android (android.graphics.Color)	4291534490 (0xFFCB9E9A)
YUV	170.9990, -8.3805, 28.0649
Hunter-Lab	62.8357, 11.2916, 10.0730

Details

The Yxy color **39.4833, 0.3614, 0.3343** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.0102, 0.2770, 0.3236**, and the grayscale version is **40.7567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4026, 0.3479, 0.3342**, and **17.5832, 0.3769, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **32.9823, 0.3898, 0.3367**, and if you desaturate by 10%, it is **47.0660, 0.3382, 0.3320**.

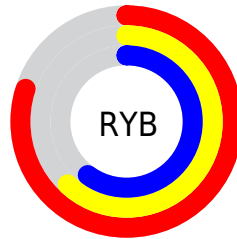
Distribution



Red (80%)

Green (62%)

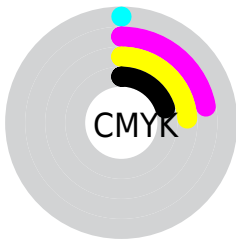
Blue (60%)



Red (80%)

Yellow (62%)

Blue (60%)

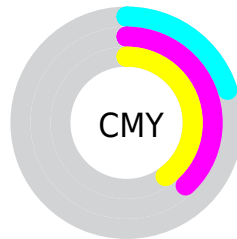


Cyan (0%)

Magenta (22%)

Yellow (24%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4833, 0.3614, 0.3343 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 39.4833, 0.3614, 0.3343 by changing the saturation by 10% instead.


 39.4833, 0.3614,
0.3343


 39.4833, 0.3614,
0.3343


343.9409, 0.3362,
0.3320

 27.1359, 0.3680,
0.3347


 74.3761, 0.3520,
0.3336

 17.6753, 0.3766,
0.3352


 97.6902, 0.3486,
0.3333

 10.7171, 0.3884,
0.3357


125.4288, 0.3457,
0.3330

 5.8770, 0.4054,
0.3361

157.9761, 0.3432,
0.3327

 2.7704, 0.4321,
0.3358

195.7165, 0.3411,
0.3325

 1.0131, 0.4906,
0.3406

239.0346, 0.3392,


 0.0000, 1.0000,


0.3323


0.0000

288.3146, 0.3376,
0.3322

 0.0000, 0.0000,
0.0000


 39.4833, 0.3614,
0.3343


 39.4833, 0.3614,
0.3343


 32.9823, 0.3898,
0.3367


 47.0660, 0.3382,
0.3320


 27.5087, 0.4242,
0.3389


 55.7710, 0.3194,
0.3298


 23.0114, 0.4644,
0.3407

 65.6431, 0.3042,
0.3279

 19.4329, 0.5090,
0.3417

 76.7233, 0.2918,
0.3261

 16.7098, 0.5544,
0.3414

 89.0193, 0.2819,
0.3249

■ 14.7703, 0.5946,
0.3395

■ 91.4340, 0.2821,
0.3289

■ 13.5312, 0.6233,
0.3361

■ 13.0842, 0.6344,
0.3345

Harmonies

Analogous

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



39.4833, 0.3431, 0.3122



39.4833, 0.3614, 0.3343



39.4833, 0.3660, 0.3561

Triad

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



39.4833, 0.3614, 0.3343



39.4833, 0.3069, 0.3672



39.4833, 0.2708, 0.2864

Complementary

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



39.4833, 0.3614, 0.3343



52.0102, 0.2770, 0.3236

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.



39.4833, 0.2621, 0.2988



39.4833, 0.3614, 0.3343



39.4833, 0.2824, 0.3460

Square

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



39.4833, 0.3614, 0.3343



39.4833, 0.3337, 0.3767



39.4833, 0.2663, 0.3205



39.4833, 0.2904, 0.2852

Rectangle

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



39.4833, 0.3614, 0.3343



39.4833, 0.3606, 0.3677



39.4833, 0.2663, 0.3205



39.4833, 0.2665, 0.2894

Sweetspot

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



39.4851, 0.3614, 0.3343



88.8907, 0.3246, 0.3305



39.9601, 0.3184, 0.2732



18.8311, 0.3257, 0.3306



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.



39.4851, 0.3614, 0.3343



60.1886, 0.3756, 0.3355



48.3821, 0.3545, 0.3639



11.3591, 0.3288, 0.3310



8.3834, 0.6332, 0.3354



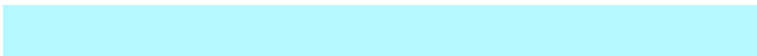
0.4850, 0.6120, 0.3522

Inverse Universe

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



52.0102, 0.2770, 0.3236



84.7597, 0.2699, 0.3223



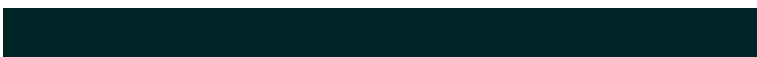
41.9269, 0.2743, 0.2914



12.5634, 0.2984, 0.3270



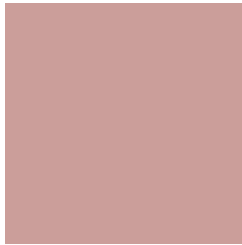
25.2496, 0.2176, 0.3033



1.3502, 0.2191, 0.3087

Previews

White Background



This preview shows how the Yxy color 39.4833, 0.3614, 0.3343 looks on a white background.

Color Contrast Check

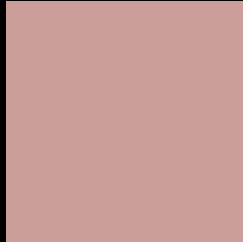
Large Text (above 18pt) WCAG AA × Fail

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 39.4833, 0.3614, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

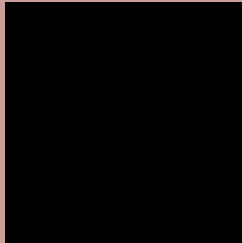
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4833, 0.3614, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 39.4833, 0.3614, 0.3343.



This preview shows how white text looks on a background with the Yxy color 39.4833, 0.3614, 0.3343.

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

39.4833, 0.3614, 0.3343

Protanopia

39.5071, 0.3261, 0.3416

Deuteranopia

39.5707, 0.3490, 0.3424



Tritanopia

39.5832, 0.3501, 0.3140

Trichromacy



Original Color

39.4833, 0.3614, 0.3343

Protanomaly

39.2995, 0.3392, 0.3386

Deuteranomaly

39.3917, 0.3535, 0.3397

Tritanomaly

39.5957, 0.3538, 0.3215

Monochromacy



Original Color

39.4833, 0.3614, 0.3343

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.0563, 0.3296, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4833, 0.3614, 0.3343 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(203, 158, 154)` looks like.

```
.text, #text, p{  
    color:rgb(203, 158, 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(203, 158, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 158, 154) }
```

Border

The CSS property to change the border of an element to Yxy 39.4833, 0.3614, 0.3343 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(203, 158, 154) }
```

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

```
.border{ border-color:rgb(203, 158, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 158, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 158, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 158, 154);  
box-shadow:4px 4px 4px 4px rgb(203, 158,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4833, 0.3614, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 158, 154) }
```

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

```
.background{ background-color: rgb(203,  
158, 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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