

Converting Colors

$Yxy(39.2165, 0.3448, 0.3148)$

Have a look what the booklet for
Yxy(39.2165, 0.3448, 0.3148)
contains.

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Color

Yxy(39.2205, 0.3449, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	C89DA8
RGB	200, 157, 168
RGB Percent	78%, 62%, 66%
CMY	0.2157, 0.3843, 0.3412
CMYK	0.00, 0.21, 0.16, 0.22
HSL	345°, 28%, 70%
HSV	345°, 21%, 78%
XYZ	42.9433, 39.2205, 42.3457
YIQ	171.1110, 22.0970, 12.5370

Conversions

Conversions Part 2

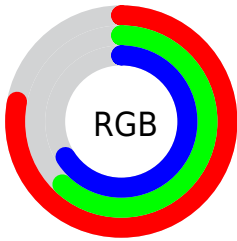
Format	Color
R _Y B	200, 157, 168
Decimal	13147560
CIE Lab	68.91, 17.67, 0.41
CIE LCh	69, 17.679, 1.333
Yxy	39.2205, 0.3449, 0.3150
Android (android.graphics.Color)	4291337640 (0xFFC89DA8)
YUV	171.1110, -1.5337, 25.3357
Hunter-Lab	62.6263, 12.8029, 3.7486

Details

The Yxy color **39.2205, 0.3449, 0.3150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.1529, 0.2882, 0.3435**, and the grayscale version is **40.7836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6747, 0.3371, 0.3180**, and **17.3838, 0.3544, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **32.4756, 0.3654, 0.3081**, and if you desaturate by 10%, it is **47.1402, 0.3281, 0.3217**.

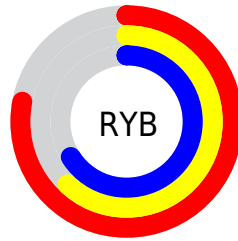
Distribution



Red (78%)

Green (62%)

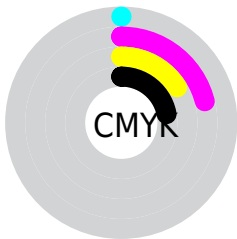
Blue (66%)



Red (78%)

Yellow (62%)

Blue (66%)

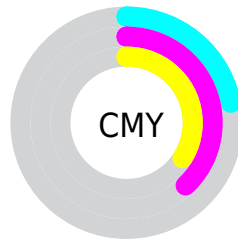


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2205, 0.3449, 0.3150 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 39.2205, 0.3449, 0.3150 by changing the saturation by 10% instead.


 39.2205, 0.3449,
0.3150


 39.2205, 0.3449,
0.3150


342.8271, 0.3283,
0.3222

 26.9313, 0.3492,
0.3131


 73.9750, 0.3388,
0.3177

 17.5216, 0.3548,
0.3106


 97.2092, 0.3365,
0.3187

 10.6071, 0.3625,
0.3073


124.8604, 0.3346,
0.3195

 5.8033, 0.3736,
0.3024

157.3132, 0.3330,
0.3202

 2.7258, 0.3909,
0.2947

194.9518, 0.3316,
0.3208

 0.9903, 0.4218,
0.2810

238.1607, 0.3303,

 0.0000, 1.0000,

0.3214

0.0000

287.3244, 0.3293,
0.3218

0.0000, 0.0000,
0.0000

39.2205, 0.3449,
0.3150

39.2205, 0.3449,
0.3150

32.4756, 0.3654,
0.3081

47.1402, 0.3281,
0.3217

26.8444, 0.3904,
0.3013

56.2817, 0.3145,
0.3281

22.2679, 0.4201,
0.2952

66.6957, 0.3035,
0.3340

18.6797, 0.4545,
0.2907

78.4287, 0.2944,
0.3394

16.0060, 0.4923,
0.2888

90.2373, 0.2870,
0.3422

■ 14.1622, 0.5310,
0.2906

■ 91.0195, 0.2805,
0.3289

■ 13.0478, 0.5668,
0.2965

■ 12.5192, 0.5926,
0.3038

Harmonies

Analogous

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



39.2205, 0.3198, 0.2971



39.2205, 0.3449, 0.3150



39.2205, 0.3614, 0.3368

Triad

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



39.2205, 0.3449, 0.3150



39.2205, 0.3303, 0.3751



39.2205, 0.2638, 0.2977

Complementary

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



39.2205, 0.3449, 0.3150



52.1529, 0.2882, 0.3435

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.



39.2205, 0.2664, 0.3180



39.2205, 0.3449, 0.3150



39.2205, 0.3041, 0.3643

Square

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



39.2205, 0.3449, 0.3150



39.2205, 0.3525, 0.3721



39.2205, 0.2808, 0.3428



39.2205, 0.2735, 0.2868

Rectangle

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



39.2205, 0.3449, 0.3150



39.2205, 0.3649, 0.3511



39.2205, 0.2808, 0.3428



39.2205, 0.2632, 0.3036

Sweetspot

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



39.2223, 0.3449, 0.3150



89.9115, 0.3204, 0.3252



39.0458, 0.3047, 0.2744



19.0201, 0.3213, 0.3248



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.



39.2223, 0.3449, 0.3150



61.9646, 0.3544, 0.3116



42.3656, 0.3530, 0.3420



10.6807, 0.3250, 0.3231



7.9725, 0.5891, 0.3019



0.3897, 0.5278, 0.2681

Inverse Universe

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



39.2223, 0.3449, 0.3150



61.9646, 0.3544, 0.3116



48.1525, 0.2801, 0.3156



10.6807, 0.3250, 0.3231



7.9725, 0.5891, 0.3019



0.3897, 0.5278, 0.2681

Previews

White Background



This preview shows how the Yxy color 39.2205, 0.3449, 0.3150 looks on a white background.

Color Contrast Check

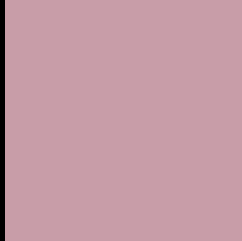
Large Text (above 18pt) WCAG AA × Fail

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 39.2205, 0.3449, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

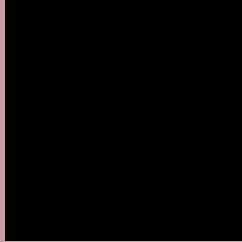
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2205, 0.3449, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 39.2205, 0.3449, 0.3150.



This preview shows how white text looks on a background with the Yxy color 39.2205, 0.3449, 0.3150.

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

39.2205, 0.3449, 0.3150

Protanopia

39.2395, 0.3095, 0.3193

Deuteranopia

39.2987, 0.3301, 0.3237



Tritanopia

39.2579, 0.3439, 0.3137

Trichromacy



Original Color

39.2205, 0.3449, 0.3150

Protanomaly

38.9967, 0.3218, 0.3169

Deuteranomaly

39.2269, 0.3353, 0.3211

Tritanomaly

39.2579, 0.3439, 0.3137

Monochromacy



Original Color

39.2205, 0.3449, 0.3150

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.1198, 0.3242, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2205, 0.3449, 0.3150 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(200, 157, 168)` looks like.

```
.text, #text, p{  
    color:rgb(200, 157, 168)  
}
```

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(200, 157, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 157, 168) }
```

Border

The CSS property to change the border of an element to Yxy 39.2205, 0.3449, 0.3150 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(200, 157, 168) }
```

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

```
.border{ border-color:rgb(200, 157, 168) }
```

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

Here you see how a box with a 4 pixel rgb(200, 157, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 157, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 157, 168);  
box-shadow:4px 4px 4px 4px rgb(200, 157,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2205, 0.3449, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 157, 168) }
```

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

```
.background{ background-color: rgb(200,  
157, 168) }
```

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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