

Converting Colors

Yxy(38.2046, 0.3399, 0.3172)

Have a look what the booklet for
Yxy(38.2046, 0.3399, 0.3172)
contains.

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Color

Yxy(38.2046, 0.3399, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	C19DA6
RGB	193, 157, 166
RGB Percent	76%, 62%, 65%
CMY	0.2430, 0.3843, 0.3490
CMYK	0.00, 0.19, 0.14, 0.24
HSL	345°, 23%, 69%
HSV	345°, 19%, 76%
XYZ	40.9387, 38.2046, 41.3000
YIQ	168.7900, 18.5670, 10.4310

Conversions

Conversions Part 2

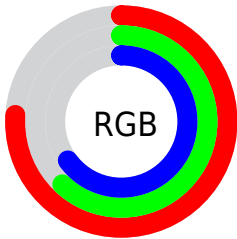
Format	Color
RYB	193, 157, 166
Decimal	12688806
CIELab	68.17, 14.80, 0.35
CIElCh	68, 14.800, 1.346
Yxy	38.2046, 0.3399, 0.3172
Android (android.graphics.Color)	4290878886 (0xFFC19DA6)
YUV	168.7900, -1.3755, 21.2322
Hunter-Lab	61.8099, 10.0590, 3.6506

Details

The Yxy color **38.2046, 0.3399, 0.3172** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7810, 0.2912, 0.3412**, and the grayscale version is **39.5694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6314, 0.3348, 0.3199**, and **17.0119, 0.3485, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **31.6814, 0.3594, 0.3105**, and if you desaturate by 10%, it is **45.8229, 0.3240, 0.3237**.

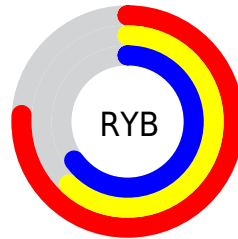
Distribution



Red (76%)

Green (62%)

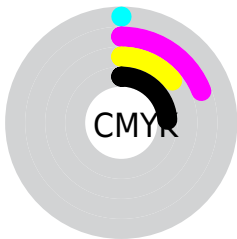
Blue (65%)



Red (76%)

Yellow (62%)

Blue (65%)

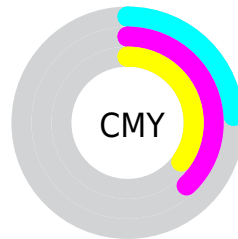


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2046, 0.3399, 0.3172 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 38.2046, 0.3399, 0.3172 by changing the saturation by 10% instead.


 38.2046, 0.3399,
0.3172


 38.2046, 0.3399,
0.3172


338.4968, 0.3258,
0.3233

 26.1415, 0.3436,
0.3156


 72.4216, 0.3347,
0.3195

 16.9295, 0.3484,
0.3135


 95.3444, 0.3328,
0.3203

 10.1843, 0.3550,
0.3106

122.6558, 0.3311,
0.3210

 5.5213, 0.3645,
0.3064

154.7403, 0.3298,
0.3216

 2.5563, 0.3797,
0.2997

191.9822, 0.3286,
0.3221

 0.9047, 0.4071,
0.2876

234.7660, 0.3275,

 0.0000, 1.0000,

0.3226

0.0000

283.4761, 0.3266,
0.3230

0.0000, 0.0000,
0.0000

38.2046, 0.3399,
0.3172

38.2046, 0.3399,
0.3172

31.6814, 0.3594,
0.3105

45.8229, 0.3240,
0.3237

26.1977, 0.3831,
0.3037

54.5781, 0.3112,
0.3298

21.7010, 0.4116,
0.2975

64.5162, 0.3007,
0.3354

18.1322, 0.4448,
0.2926

75.6790, 0.2921,
0.3405

15.4255, 0.4820,
0.2899

88.1066, 0.2851,
0.3452

■ 13.5067, 0.5209,
0.2905

■ 89.9424, 0.2779,
0.3312

■ 12.2887, 0.5581,
0.2952

■ 90.0813, 0.2768,
0.3289

■ 11.6296, 0.5897,
0.3033

■ 11.5574, 0.5936,
0.3044

Harmonies

Analogous

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



38.2046, 0.3188, 0.3019



38.2046, 0.3399, 0.3172



38.2046, 0.3537, 0.3358

Triad

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



38.2046, 0.3399, 0.3172



38.2046, 0.3277, 0.3677



38.2046, 0.2711, 0.3027

Complementary

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



38.2046, 0.3399, 0.3172



48.7810, 0.2912, 0.3412

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.



38.2046, 0.2734, 0.3199



38.2046, 0.3399, 0.3172



38.2046, 0.3055, 0.3586

Square

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



38.2046, 0.3399, 0.3172



38.2046, 0.3464, 0.3655



38.2046, 0.2858, 0.3407



38.2046, 0.2795, 0.2932

Rectangle

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



38.2046, 0.3399, 0.3172



38.2046, 0.3567, 0.3480



38.2046, 0.2858, 0.3407



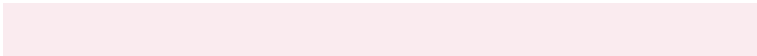
38.2046, 0.2707, 0.3077

Sweetspot

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



38.2063, 0.3399, 0.3172



85.8803, 0.3205, 0.3253



38.0816, 0.3059, 0.2820



18.2113, 0.3214, 0.3249



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.2063, 0.3399, 0.3172



63.8888, 0.3466, 0.3147



40.8304, 0.3467, 0.3402



10.1183, 0.3250, 0.3233



7.6955, 0.5904, 0.3026



0.3440, 0.5250, 0.2666

Inverse Universe

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



38.2063, 0.3399, 0.3172



63.8888, 0.3466, 0.3147



45.5582, 0.2844, 0.3175



10.1183, 0.3250, 0.3233



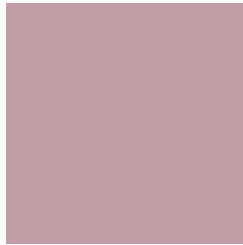
7.6955, 0.5904, 0.3026



0.3440, 0.5250, 0.2666

Previews

White Background



This preview shows how the Yxy color 38.2046, 0.3399, 0.3172 looks on a white background.

Color Contrast Check

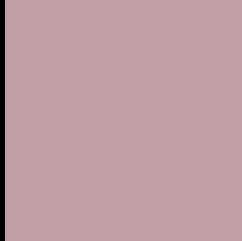
Large Text (above 18pt) WCAG AA × Fail

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 38.2046, 0.3399, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

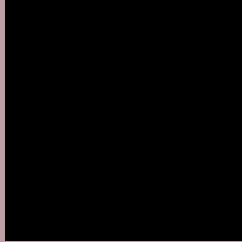
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2046, 0.3399, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 38.2046, 0.3399, 0.3172.



This preview shows how white text looks on a background with the Yxy color 38.2046, 0.3399, 0.3172.

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

38.2046, 0.3399, 0.3172

Protanopia

38.1754, 0.3103, 0.3206

Deuteranopia

38.2736, 0.3303, 0.3236



Tritanopia

38.3160, 0.3370, 0.3133

Trichromacy



Original Color

38.2046, 0.3399, 0.3172

Protanomaly

38.0523, 0.3208, 0.3194

Deuteranomaly

38.4230, 0.3344, 0.3224

Tritanomaly

38.2786, 0.3380, 0.3146

Monochromacy



Original Color

38.2046, 0.3399, 0.3172

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.2024, 0.3223, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2046, 0.3399, 0.3172 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(193, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(193, 157, 166)  
}
```

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(193, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 157, 166) }
```

Border

The CSS property to change the border of an element to Yxy 38.2046, 0.3399, 0.3172 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(193, 157, 166) }
```

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

```
.border{ border-color:rgb(193, 157, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 157, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(193, 157,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2046, 0.3399, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 157, 166) }
```

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

```
.background{ background-color: rgb(193,  
157, 166) }
```

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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