

Converting Colors

$Yxy(38.2451, 0.3608, 0.3081)$

Have a look what the booklet for
Yxy(38.2451, 0.3608, 0.3081)
contains.

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Color

Yxy(38.2451, 0.3608, 0.3081)

Conversions

Conversions Part 1

Format	Color
Hex	D495A6
RGB	212, 149, 166
RGB Percent	83%, 58%, 65%
CMY	0.1685, 0.4157, 0.3490
CMYK	0.00, 0.30, 0.22, 0.17
HSL	344°, 42%, 71%
HSV	344°, 30%, 83%
XYZ	44.7869, 38.2451, 41.1001
YIQ	169.7750, 32.0910, 18.6430

Conversions

Conversions Part 2

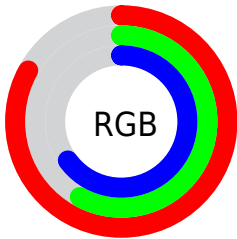
Format	Color
R _Y B	212, 149, 166
Decimal	13931942
CIE Lab	68.20, 26.15, 0.63
CIE LCh	68, 26.155, 1.387
Yxy	38.2451, 0.3608, 0.3081
Android (android.graphics.Color)	4292122022 (0xFFD495A6)
YUV	169.7750, -1.8611, 37.0313
Hunter-Lab	61.8426, 21.0464, 3.8862

Details

The Yxy color **38.2451, 0.3608, 0.3081** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.4280, 0.2800, 0.3512**, and the grayscale version is **40.0794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6662, 0.3397, 0.3118**, and **17.0182, 0.3755, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **31.6035, 0.3846, 0.3008**, and if you desaturate by 10%, it is **46.1798, 0.3413, 0.3154**.

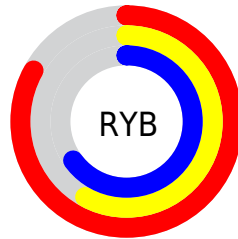
Distribution



Red (83%)

Green (58%)

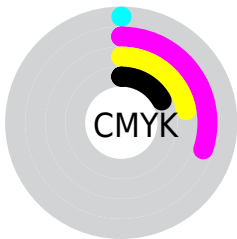
Blue (65%)



Red (83%)

Yellow (58%)

Blue (65%)

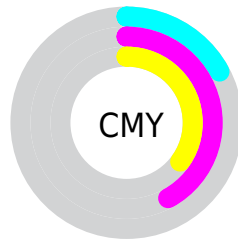


Cyan (0%)

Magenta (30%)

Yellow (22%)

Black (17%)



Cyan (17%)


Magenta (42%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2451, 0.3608, 0.3081 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 38.2451, 0.3608, 0.3081 by changing the saturation by 10% instead.


 38.2451, 0.3608,
0.3081


 38.2451, 0.3608,
0.3081

338.6702, 0.3359,
0.3190

 26.1730, 0.3673,
0.3053


 72.4837, 0.3516,
0.3121

 16.9531, 0.3758,
0.3015


 95.4189, 0.3482,
0.3136

 10.2010, 0.3873,
0.2964


122.7439, 0.3453,
0.3149

 5.5325, 0.4040,
0.2890

154.8432, 0.3429,
0.3159

 2.5629, 0.4303,
0.2774

192.1010, 0.3408,
0.3168

 0.9081, 0.4768,
0.2565


234.9019, 0.3390,


 0.0000, 1.0000,


0.3176


0.0000


283.6302, 0.3374,
0.3183


 0.0000, 0.0000,
0.0000


 38.2451, 0.3608,
0.3081


 38.2451, 0.3608,
0.3081


 31.6035, 0.3846,
0.3008


 46.1798, 0.3413,
0.3154


 26.1810, 0.4130,
0.2942

 55.4658, 0.3253,
0.3225


 21.9042, 0.4460,
0.2890

 66.1644, 0.3124,
0.3292

 18.6894, 0.4828,
0.2864

 78.3314, 0.3019,
0.3353

 16.4416, 0.5210,
0.2874

 92.0160, 0.2933,
0.3410

■ 15.0486, 0.5572,
0.2927

■ 92.7404, 0.2872,
0.3289

■ 14.3149, 0.5880,
0.3015

■ 14.2981, 0.5888,
0.3017

Harmonies

Analogous

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



38.2451, 0.3229, 0.2826



38.2451, 0.3608, 0.3081



38.2451, 0.3858, 0.3393

Triad

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



38.2451, 0.3608, 0.3081



38.2451, 0.3380, 0.3989



38.2451, 0.2412, 0.2819

Complementary

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



38.2451, 0.3608, 0.3081



57.4280, 0.2800, 0.3512

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.



38.2451, 0.2447, 0.3115



38.2451, 0.3608, 0.3081



38.2451, 0.2991, 0.3829

Square

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



38.2451, 0.3608, 0.3081



38.2451, 0.3714, 0.3928



38.2451, 0.2653, 0.3493



38.2451, 0.2551, 0.2670

Rectangle

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



38.2451, 0.3608, 0.3081



38.2451, 0.3908, 0.3603



38.2451, 0.2653, 0.3493



38.2451, 0.2404, 0.2903

Sweetspot

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



38.2469, 0.3608, 0.3081



85.1888, 0.3244, 0.3230



37.7388, 0.2997, 0.2518



17.7575, 0.3265, 0.3219



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.



38.2469, 0.3608, 0.3081



51.1553, 0.3761, 0.3032



42.2406, 0.3738, 0.3461



12.4753, 0.3249, 0.3227



8.8392, 0.5852, 0.2997



0.5470, 0.5352, 0.2722

Inverse Universe

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



38.2469, 0.3608, 0.3081



51.1553, 0.3761, 0.3032



51.6996, 0.2681, 0.3111



12.4753, 0.3249, 0.3227



8.8392, 0.5852, 0.2997



0.5470, 0.5352, 0.2722

Previews

White Background



This preview shows how the Yxy color 38.2451, 0.3608, 0.3081 looks on a white background.

Color Contrast Check

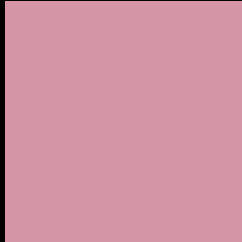
Large Text (above 18pt) WCAG AA × Fail

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 38.2451, 0.3608, 0.3081 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 38.2451, 0.3608, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 38.2451, 0.3608, 0.3081.



This preview shows how white text looks on a background with the Yxy color 38.2451, 0.3608, 0.3081.

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

38.2451, 0.3608, 0.3081

Protanopia

38.6225, 0.3052, 0.3151

Deuteranopia

38.3604, 0.3322, 0.3250



Tritanopia

38.2348, 0.3647, 0.3155

Trichromacy



Original Color

38.2451, 0.3608, 0.3081

Protanomaly

38.1874, 0.3240, 0.3129

Deuteranomaly

38.2999, 0.3418, 0.3186

Tritanomaly

38.3059, 0.3626, 0.3130

Monochromacy



Original Color

38.2451, 0.3608, 0.3081

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.0195, 0.3284, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2451, 0.3608, 0.3081 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(212, 149, 166)` looks like.

```
.text, #text, p{  
    color:rgb(212, 149, 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(212, 149, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 149, 166) }
```

Border

The CSS property to change the border of an element to Yxy 38.2451, 0.3608, 0.3081 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(212, 149, 166) }
```

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

```
.border{ border-color:rgb(212, 149, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 149, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 149, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 149, 166);  
box-shadow:4px 4px 4px 4px rgb(212, 149,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2451, 0.3608, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 149, 166) }
```

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

```
.background{ background-color: rgb(212,  
149, 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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