

Converting Colors

$Yxy(38.8138, 0.3590, 0.3091)$

Have a look what the booklet for
Yxy(38.8138, 0.3590, 0.3091)
contains.

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Color

Yxy(38.9203, 0.3592, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	D497A7
RGB	212, 151, 167
RGB Percent	83%, 59%, 65%
CMY	0.1688, 0.4078, 0.3451
CMYK	0.00, 0.29, 0.21, 0.17
HSL	344°, 41%, 71%
HSV	344°, 29%, 83%
XYZ	45.1848, 38.9203, 41.6877
YIQ	171.0630, 31.2200, 17.9080

Conversions

Conversions Part 2

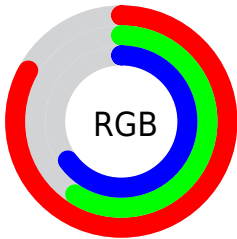
Format	Color
RYB	212, 151, 167
Decimal	13932455
CIELab	68.69, 25.17, 0.80
CIElCh	69, 25.185, 1.813
Yxy	38.9203, 0.3592, 0.3094
Android (android.graphics.Color)	4292122535 (0xFFD497A7)
YUV	171.0630, -2.0031, 35.9017
Hunter-Lab	62.3861, 20.1075, 4.0515

Details

The Yxy color **38.9203, 0.3592, 0.3094** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.6353, 0.2807, 0.3497**, and the grayscale version is **40.7569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6765, 0.3386, 0.3129**, and **17.2294, 0.3736, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **32.1567, 0.3828, 0.3023**, and if you desaturate by 10%, it is **46.9840, 0.3398, 0.3165**.

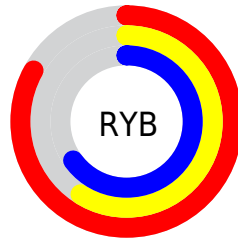
Distribution



Red (83%)

Green (59%)

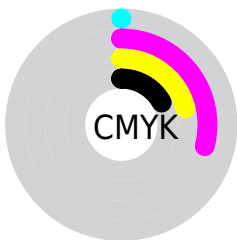
Blue (65%)



Red (83%)

Yellow (59%)

Blue (65%)

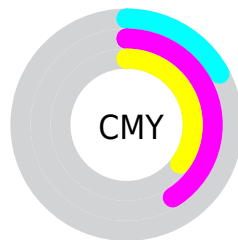


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (17%)



Cyan (17%)


Magenta (41%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.9203, 0.3592, 0.3094 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 38.9203, 0.3592, 0.3094 by changing the saturation by 10% instead.


 38.9203, 0.3592,
0.3094

 38.9203, 0.3592,
0.3094

341.5515, 0.3352,
0.3196

 26.6977, 0.3654,
0.3067


 73.5165, 0.3503,
0.3132

 17.3463, 0.3736,
0.3033


 96.6590, 0.3470,
0.3146

 10.4817, 0.3846,
0.2985


124.2102, 0.3443,
0.3157

 5.7195, 0.4006,
0.2916

156.5546, 0.3419,
0.3167

 2.6753, 0.4256,
0.2808

194.0765, 0.3399,
0.3176

 0.9647, 0.4697,
0.2614

237.1604, 0.3381,


 0.0000, 1.0000,


0.3183


0.0000


286.1906, 0.3366,
0.3190


 0.0000, 0.0000,
0.0000

 38.9203, 0.3592,
0.3094


 38.9203, 0.3592,
0.3094


 32.1567, 0.3828,
0.3023


 46.9840, 0.3398,
0.3165


 26.6197, 0.4111,
0.2958


 56.4056, 0.3241,
0.3234


 22.2364, 0.4441,
0.2906

 67.2460, 0.3113,
0.3298

 18.9242, 0.4810,
0.2878

 79.5606, 0.3009,
0.3357

 16.5894, 0.5196,
0.2885

 92.1164, 0.2923,
0.3391

■ 15.1216, 0.5564,
0.2934

■ 92.7316, 0.2871,
0.3289

■ 14.3497, 0.5877,
0.3021

■ 14.2729, 0.5913,
0.3031

Harmonies

Analogous

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



38.9203, 0.3231, 0.2848



38.9203, 0.3592, 0.3094



38.9203, 0.3828, 0.3395

Triad

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



38.9203, 0.3592, 0.3094



38.9203, 0.3365, 0.3957



38.9203, 0.2441, 0.2837

Complementary

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



38.9203, 0.3592, 0.3094



57.6353, 0.2807, 0.3497

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.



38.9203, 0.2473, 0.3119



38.9203, 0.3592, 0.3094



38.9203, 0.2993, 0.3801

Square

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



38.9203, 0.3592, 0.3094



38.9203, 0.3686, 0.3904



38.9203, 0.2669, 0.3480



38.9203, 0.2578, 0.2694

Rectangle

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



38.9203, 0.3592, 0.3094



38.9203, 0.3874, 0.3596



38.9203, 0.2669, 0.3480



38.9203, 0.2433, 0.2917

Sweetspot

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



38.9221, 0.3592, 0.3094



85.1783, 0.3246, 0.3231



38.5895, 0.3012, 0.2547



17.7550, 0.3267, 0.3221



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.



38.9221, 0.3592, 0.3094



52.1220, 0.3743, 0.3047



43.2245, 0.3709, 0.3468



12.4737, 0.3250, 0.3229



8.8289, 0.5878, 0.3012



0.5462, 0.5378, 0.2736

Inverse Universe

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



38.9221, 0.3592, 0.3094



52.1220, 0.3743, 0.3047



51.6044, 0.2694, 0.3104



12.4737, 0.3250, 0.3229



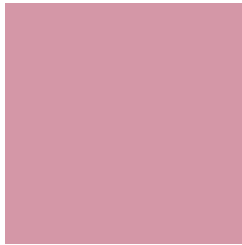
8.8289, 0.5878, 0.3012



0.5462, 0.5378, 0.2736

Previews

White Background



This preview shows how the Yxy color 38.9203, 0.3592, 0.3094 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 38.9203, 0.3592, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

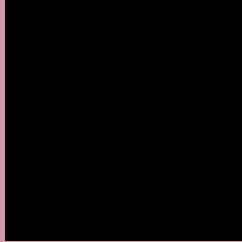
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9203, 0.3592, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 38.9203, 0.3592, 0.3094.



This preview shows how white text looks on a background with the Yxy color 38.9203, 0.3592, 0.3094.

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

38.9203, 0.3592, 0.3094

Protanopia

39.0969, 0.3060, 0.3165

Deuteranopia

38.8716, 0.3321, 0.3250



Tritanopia

39.0979, 0.3631, 0.3155

Trichromacy



Original Color

38.9203, 0.3592, 0.3094

Protanomaly

38.6972, 0.3239, 0.3130

Deuteranomaly

38.8090, 0.3417, 0.3186

Tritanomaly

39.1339, 0.3621, 0.3143

Monochromacy



Original Color

38.9203, 0.3592, 0.3094

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.8923, 0.3282, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9203, 0.3592, 0.3094 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, 151, 167)` looks like.

```
.text, #text, p{  
    color:rgb(212, 151, 167)  
}
```

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, 151, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 151, 167) }
```

Border

The CSS property to change the border of an element to Yxy 38.9203, 0.3592, 0.3094 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, 151, 167) }
```

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

```
.border{ border-color:rgb(212, 151, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 151, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 151, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 151, 167);  
box-shadow:4px 4px 4px 4px rgb(212, 151,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9203, 0.3592, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 151, 167) }
```

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

```
.background{ background-color: rgb(212,  
151, 167) }
```

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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