

Converting Colors

$Yxy(38.5217, 0.3826, 0.3206)$

Have a look what the booklet for
Yxy(38.5217, 0.3826, 0.3206)
contains.

Yxy(38.5727, 0.3833, 0.3208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.5727, 0.3833, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	DD939A
RGB	221, 147, 154
RGB Percent	87%, 58%, 60%
CMY	0.1333, 0.4235, 0.3962
CMYK	0.00, 0.33, 0.30, 0.13
HSL	354°, 52%, 72%
HSV	354°, 33%, 87%
XYZ	46.0876, 38.5727, 35.5787
YIQ	169.9240, 41.8570, 17.8650

Conversions

Conversions Part 2

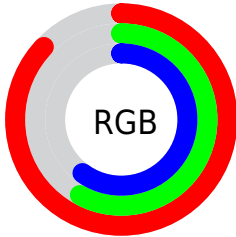
Format	Color
R_{YB}	221, 147, 154
Decimal	14521242
CIE _{Lab}	68.44, 28.84, 7.83
CIE _{LCh}	68, 29.889, 15.192
Yxy	38.5727, 0.3833, 0.3208
Android (android.graphics.Color)	4292711322 (0xFFDD939A)
YUV	169.9240, -7.8505, 44.7937
Hunter-Lab	62.1069, 23.7723, 9.5098

Details

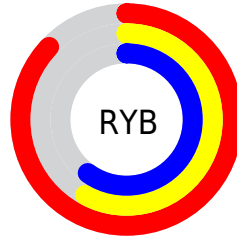
The Yxy color **38.5727, 0.3833, 0.3208** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.7818, 0.2691, 0.3376**, and the grayscale version is **40.1834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0551, 0.3500, 0.3230**, and **17.0562, 0.4055, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **31.7364, 0.4159, 0.3184**, and if you desaturate by 10%, it is **46.8443, 0.3567, 0.3233**.

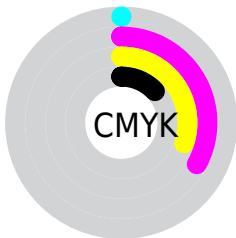
Distribution



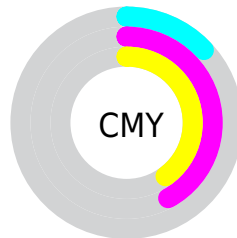
- Red (87%)
- Green (58%)
- Blue (60%)



- Red (87%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (13%)




- Cyan (13%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5727, 0.3833, 0.3208 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 38.5727, 0.3833, 0.3208 by changing the saturation by 10% instead.


 38.5727, 0.3833,
0.3208


 38.5727, 0.3833,
0.3208


340.0704, 0.3466,
0.3257

 26.4275, 0.3929,
0.3193


 72.9851, 0.3696,
0.3228

 17.1437, 0.4055,
0.3172


 96.0211, 0.3646,
0.3235

 10.3370, 0.4227,
0.3141


123.4560, 0.3604,
0.3240

 5.6230, 0.4474,
0.3091

155.6745, 0.3568,
0.3245

 2.6172, 0.4860,
0.3002

193.0607, 0.3537,
0.3249

 0.9353, 0.5667,
0.2885

235.9992, 0.3510,

 0.0000, 1.0000,

0.3252

0.0000

284.8743, 0.3487,
0.3255


 0.0000, 0.0000,
0.0000


 38.5727, 0.3833,
0.3208


 38.5727, 0.3833,
0.3208


 31.7364, 0.4159,
0.3184

 46.8443, 0.3567,
0.3233


 26.2485, 0.4545,
0.3166


 56.6207, 0.3352,
0.3258


 22.0212, 0.4982,
0.3156

 67.9734, 0.3179,
0.3282

 18.9543, 0.5437,
0.3161

 80.9678, 0.3040,
0.3304

 16.9318, 0.5855,
0.3185

 94.0549, 0.2928,
0.3299

■ 15.8143, 0.6172,
0.3224

■ 94.1148, 0.2923,
0.3289

■ 15.4284, 0.6309,
0.3249

Harmonies

Analogous

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



38.5727, 0.3450, 0.2886



38.5727, 0.3833, 0.3208



38.5727, 0.4013, 0.3566

Triad

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



38.5727, 0.3833, 0.3208



38.5727, 0.3207, 0.4040



38.5727, 0.2368, 0.2655

Complementary

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



38.5727, 0.3833, 0.3208



62.7818, 0.2691, 0.3376

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.



38.5727, 0.2316, 0.2914



38.5727, 0.3833, 0.3208



38.5727, 0.2780, 0.3748

Square

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



38.5727, 0.3833, 0.3208



38.5727, 0.3632, 0.4079



38.5727, 0.2460, 0.3316



38.5727, 0.2607, 0.2573

Rectangle

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



38.5727, 0.3833, 0.3208



38.5727, 0.3987, 0.3790



38.5727, 0.2460, 0.3316



38.5727, 0.2329, 0.2722

Sweetspot

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



38.5745, 0.3833, 0.3208



83.3965, 0.3288, 0.3267



40.3270, 0.3098, 0.2445



17.3898, 0.3314, 0.3263



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.



38.5745, 0.3833, 0.3208



46.6732, 0.4049, 0.3192



48.7705, 0.3790, 0.3644



13.0714, 0.3277, 0.3268



8.9684, 0.6287, 0.3237



0.5880, 0.5995, 0.3076

Inverse Universe

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



38.5745, 0.3833, 0.3208



46.6732, 0.4049, 0.3192



48.8651, 0.2604, 0.2905



13.0714, 0.3277, 0.3268



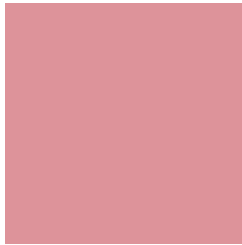
8.9684, 0.6287, 0.3237



0.5880, 0.5995, 0.3076

Previews

White Background



This preview shows how the Yxy color 38.5727, 0.3833, 0.3208 looks on a white background.

Color Contrast Check

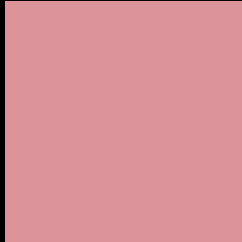
Large Text (above 18pt) WCAG AA × Fail

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 38.5727, 0.3833, 0.3208 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 38.5727, 0.3833, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 38.5727, 0.3833, 0.3208.



This preview shows how white text looks on a background with the Yxy color 38.5727, 0.3833, 0.3208.

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

38.5727, 0.3833, 0.3208

Protanopia

39.0120, 0.3181, 0.3318

Deuteranopia

38.5429, 0.3495, 0.3426



Tritanopia

38.3985, 0.3793, 0.3148

Trichromacy



Original Color

38.5727, 0.3833, 0.3208

Protanomaly

38.5336, 0.3401, 0.3277

Deuteranomaly

38.4614, 0.3620, 0.3343

Tritanomaly

38.3642, 0.3804, 0.3160

Monochromacy



Original Color

38.5727, 0.3833, 0.3208

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.3398, 0.3369, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5727, 0.3833, 0.3208 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(221, 147, 154)` looks like.

```
.text, #text, p{  
    color:rgb(221, 147, 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(221, 147, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 147, 154) }
```

Border

The CSS property to change the border of an element to Yxy 38.5727, 0.3833, 0.3208 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(221, 147, 154) }
```

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

```
.border{ border-color:rgb(221, 147, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 147, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 147, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 147, 154);  
box-shadow:4px 4px 4px 4px rgb(221, 147,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5727, 0.3833, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 147, 154) }
```

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

```
.background{ background-color: rgb(221,  
147, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor