

Converting Colors

$Yxy(39.0172, 0.3852, 0.3350)$

Have a look what the booklet for
Yxy(39.0172, 0.3852, 0.3350)
contains.

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Color

Yxy(38.9915, 0.3852, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	D99793
RGB	217, 151, 147
RGB Percent	85%, 59%, 58%
CMY	0.1489, 0.4079, 0.4235
CMYK	0.00, 0.30, 0.32, 0.15
HSL	3°, 48%, 71%
HSV	3°, 32%, 85%
XYZ	44.9552, 38.9915, 32.7594
YIQ	170.2780, 40.6200, 12.7480

Conversions

Conversions Part 2

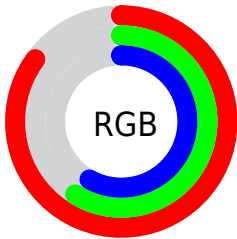
Format	Color
R _{YB}	217, 151, 147
Decimal	14260115
CIE Lab	68.75, 24.29, 12.10
CIE LCh	69, 27.134, 26.476
Yxy	38.9915, 0.3852, 0.3341
Android (android.graphics.Color)	4292450195 (0xFFD99793)
YUV	170.2780, -11.4761, 40.9752
Hunter-Lab	62.4432, 19.2333, 12.6051

Details

The Yxy color **38.9915, 0.3852, 0.3341** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.8228, 0.2662, 0.3238**, and the grayscale version is **40.3888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6197, 0.3546, 0.3343**, and **17.2418, 0.4084, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **32.3500, 0.4192, 0.3357**, and if you desaturate by 10%, it is **46.9086, 0.3572, 0.3324**.

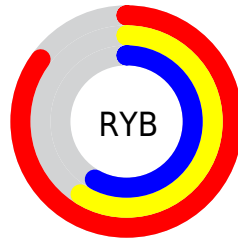
Distribution



Red (85%)

Green (59%)

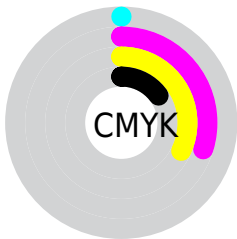
Blue (58%)



Red (85%)

Yellow (59%)

Blue (58%)

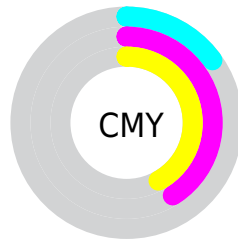


Cyan (0%)

Magenta (30%)

Yellow (32%)

Black (15%)



Cyan (15%)


Magenta (41%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9915, 0.3852, 0.3341 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 38.9915, 0.3852, 0.3341 by changing the saturation by 10% instead.


 38.9915, 0.3852,
0.3341

 38.9915, 0.3852,
0.3341


341.8544, 0.3475,
0.3324

 26.7531, 0.3950,
0.3342


 73.6253, 0.3712,
0.3337

 17.3879, 0.4079,
0.3341


 96.7896, 0.3660,
0.3335

 10.5114, 0.4255,
0.3337

124.3645, 0.3617,
0.3333

 5.7394, 0.4508,
0.3323

156.7347, 0.3580,
0.3331

 2.6872, 0.4899,
0.3284

194.2843, 0.3548,
0.3329

 0.9707, 0.5915,
0.3363

237.3979, 0.3521,


 0.0000, 1.0000,


0.3327


0.0000


286.4598, 0.3496,
0.3326


 0.0000, 0.0000,
0.0000


 38.9915, 0.3852,
0.3341


 38.9915, 0.3852,
0.3341


 32.3500, 0.4192,
0.3357


 46.9086, 0.3572,
0.3324


 26.9123, 0.4594,
0.3370


 56.1574, 0.3346,
0.3308


 22.6079, 0.5046,
0.3378

 66.7971, 0.3163,
0.3293

 19.3566, 0.5511,
0.3378

 78.8819, 0.3016,
0.3279

 17.0680, 0.5928,
0.3365

 92.4299, 0.2900,
0.3272

■ 15.6362, 0.6230,
0.3342

■ 93.4966, 0.2900,
0.3289

■ 15.0287, 0.6367,
0.3327

Harmonies

Analogous

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



38.9915, 0.3565, 0.3026



38.9915, 0.3852, 0.3341



38.9915, 0.3928, 0.3663

Triad

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



38.9915, 0.3852, 0.3341



38.9915, 0.3051, 0.3889



38.9915, 0.2499, 0.2666

Complementary

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



38.9915, 0.3852, 0.3341



58.8228, 0.2662, 0.3238

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.



38.9915, 0.2385, 0.2845



38.9915, 0.3852, 0.3341



38.9915, 0.2688, 0.3563

Square

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



38.9915, 0.3852, 0.3341



38.9915, 0.3450, 0.4016



38.9915, 0.2450, 0.3169



38.9915, 0.2776, 0.2649

Rectangle

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



38.9915, 0.3852, 0.3341



38.9915, 0.3849, 0.3846



38.9915, 0.2450, 0.3169



38.9915, 0.2442, 0.2708

Sweetspot

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



38.9934, 0.3852, 0.3341



84.0710, 0.3303, 0.3305



40.4547, 0.3196, 0.2528



17.5512, 0.3331, 0.3307



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.



38.9934, 0.3852, 0.3341



49.2114, 0.4087, 0.3353



51.7777, 0.3720, 0.3752



13.1700, 0.3290, 0.3304



9.1445, 0.6356, 0.3335



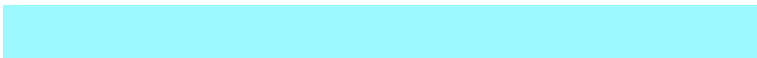
0.6353, 0.6227, 0.3438

Inverse Universe

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



58.8228, 0.2662, 0.3238



82.1993, 0.2576, 0.3225



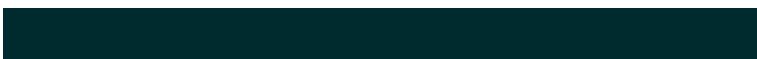
43.2599, 0.2606, 0.2778



14.6957, 0.2982, 0.3276



29.4105, 0.2198, 0.3112



1.9449, 0.2206, 0.3143

Previews

White Background



This preview shows how the Yxy color 38.9915, 0.3852, 0.3341 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 38.9915, 0.3852, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

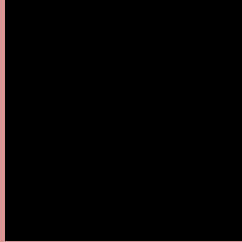
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9915, 0.3852, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 38.9915, 0.3852, 0.3341.



This preview shows how white text looks on a background with the Yxy color 38.9915, 0.3852, 0.3341.

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

38.9915, 0.3852, 0.3341

Protanopia

39.0364, 0.3289, 0.3444

Deuteranopia

39.2225, 0.3590, 0.3518



Tritanopia

38.9384, 0.3731, 0.3158

Trichromacy



Original Color

38.9915, 0.3852, 0.3341

Protanomaly

38.7368, 0.3485, 0.3398

Deuteranomaly

39.0856, 0.3684, 0.3447

Tritanomaly

39.0847, 0.3781, 0.3231

Monochromacy



Original Color

38.9915, 0.3852, 0.3341

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.3678, 0.3367, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9915, 0.3852, 0.3341 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(217, 151, 147)` looks like.

```
.text, #text, p{  
    color:rgb(217, 151, 147)  
}
```

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(217, 151, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 151, 147) }
```

Border

The CSS property to change the border of an element to Yxy 38.9915, 0.3852, 0.3341 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(217, 151, 147) }
```

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

```
.border{ border-color:rgb(217, 151, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 151, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 151, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 151, 147);  
box-shadow:4px 4px 4px 4px rgb(217, 151,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9915, 0.3852, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 151, 147) }
```

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

```
.background{ background-color: rgb(217,  
151, 147) }
```

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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