

Converting Colors

Yxy(39.4605, 0.3917, 0.3337)

Have a look what the booklet for
Yxy(39.4605, 0.3917, 0.3337)
contains.

Yxy(39.4176, 0.3917, 0.3340)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.4176, 0.3917, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	DE9692
RGB	222, 150, 146
RGB Percent	87%, 59%, 57%
CMY	0.1293, 0.4118, 0.4274
CMYK	0.00, 0.32, 0.34, 0.13
HSL	3°, 54%, 72%
HSV	3°, 34%, 87%
XYZ	46.2272, 39.4176, 32.3720
YIQ	171.0720, 44.1960, 14.0200

Conversions

Conversions Part 2

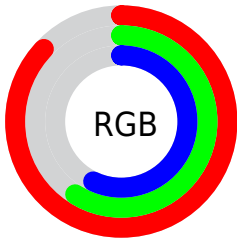
Format	Color
R _Y B	222, 150, 146
Decimal	14587538
CIE Lab	69.05, 26.60, 13.16
CIE LCh	69, 29.678, 26.317
Yxy	39.4176, 0.3917, 0.3340
Android (android.graphics.Color)	4292777618 (0xFFDE9692)
YUV	171.0720, -12.3605, 44.6639
Hunter-Lab	62.7834, 21.5577, 13.3777

Details

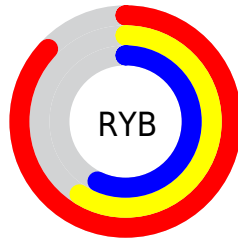
The Yxy color **39.4176, 0.3917, 0.3340** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.5621, 0.2638, 0.3239**, and the grayscale version is **40.8110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0928, 0.3556, 0.3343**, and **17.5792, 0.4160, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **32.6713, 0.4272, 0.3355**, and if you desaturate by 10%, it is **47.5077, 0.3625, 0.3325**.

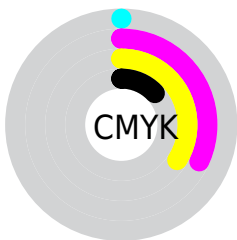
Distribution



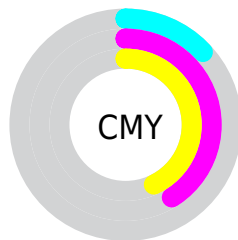
- Red (87%)
- Green (59%)
- Blue (57%)



- Red (87%)
- Yellow (59%)
- Blue (57%)



- Cyan (0%)
- Magenta (32%)
- Yellow (34%)
- Black (13%)





- Cyan (13%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4176, 0.3917, 0.3340 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 39.4176, 0.3917, 0.3340 by changing the saturation by 10% instead.


 39.4176, 0.3917,
0.3340


 39.4176, 0.3917,
0.3340


343.6627, 0.3507,
0.3325

 27.0847, 0.4024,
0.3340


 74.2758, 0.3765,
0.3337

 17.6369, 0.4163,
0.3337


 97.5700, 0.3708,
0.3336

 10.6896, 0.4353,
0.3330


125.2867, 0.3661,
0.3334

 5.8585, 0.4624,
0.3310

157.8104, 0.3621,
0.3332

 2.7592, 0.5040,
0.3260

195.5255, 0.3587,
0.3330

 1.0074, 0.6113,
0.3322

238.8163, 0.3557,


 0.0000, 1.0000,


0.3328


0.0000

288.0672, 0.3530,
0.3327


 0.0000, 0.0000,
0.0000

 39.4176, 0.3917,
0.3340


 39.4176, 0.3917,
0.3340

 32.6713, 0.4272,
0.3355

 47.5077, 0.3625,
0.3325


 27.1908, 0.4688,
0.3366


 57.0028, 0.3387,
0.3310


 22.8988, 0.5148,
0.3372

 67.9673, 0.3196,
0.3296

 19.7072, 0.5610,
0.3369

 80.4599, 0.3043,
0.3283

 17.5156, 0.6009,
0.3355

 94.2748, 0.2929,
0.3289

■ 16.2055, 0.6278,
0.3333

■ 15.7882, 0.6371,
0.3324

Harmonies

Analogous

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



39.4176, 0.3601, 0.3001



39.4176, 0.3917, 0.3340



39.4176, 0.4000, 0.3689

Triad

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



39.4176, 0.3917, 0.3340



39.4176, 0.3044, 0.3948



39.4176, 0.2445, 0.2613

Complementary

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



39.4176, 0.3917, 0.3340



61.5621, 0.2638, 0.3239

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.



39.4176, 0.2323, 0.2805



39.4176, 0.3917, 0.3340



39.4176, 0.2651, 0.3590

Square

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



39.4176, 0.3917, 0.3340



39.4176, 0.3478, 0.4083



39.4176, 0.2394, 0.3157



39.4176, 0.2743, 0.2596

Rectangle

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



39.4176, 0.3917, 0.3340



39.4176, 0.3914, 0.3890



39.4176, 0.2394, 0.3157



39.4176, 0.2384, 0.2658

Sweetspot

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



39.4195, 0.3917, 0.3340



84.0033, 0.3303, 0.3304



41.1715, 0.3201, 0.2482



17.5350, 0.3331, 0.3306



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.



39.4195, 0.3917, 0.3340



47.2245, 0.4161, 0.3350



53.5023, 0.3765, 0.3781



13.8148, 0.3291, 0.3303



9.4239, 0.6361, 0.3331



0.6943, 0.6247, 0.3422

Inverse Universe

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



61.5621, 0.2638, 0.3239



81.8303, 0.2554, 0.3227



44.1209, 0.2572, 0.2740



15.4431, 0.2982, 0.3277



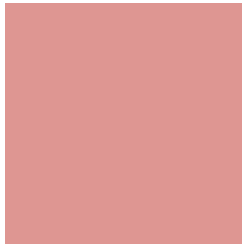
30.6804, 0.2202, 0.3127



2.1647, 0.2209, 0.3154

Previews

White Background



This preview shows how the Yxy color 39.4176, 0.3917, 0.3340 looks on a white background.

Color Contrast Check

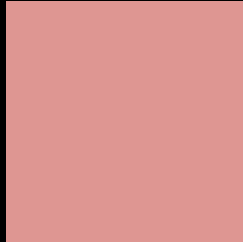
Large Text (above 18pt) WCAG AA × Fail

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 39.4176, 0.3917, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

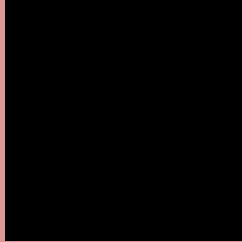
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4176, 0.3917, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 39.4176, 0.3917, 0.3340.



This preview shows how white text looks on a background with the Yxy color 39.4176, 0.3917, 0.3340.

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

39.4176, 0.3917, 0.3340

Protanopia

39.4858, 0.3306, 0.3472

Deuteranopia

39.6773, 0.3606, 0.3543



Tritanopia

39.3710, 0.3796, 0.3161

Trichromacy



Original Color

39.4176, 0.3917, 0.3340

Protanomaly

38.9632, 0.3515, 0.3411

Deuteranomaly

39.3354, 0.3714, 0.3459

Tritanomaly

39.5160, 0.3846, 0.3232

Monochromacy



Original Color

39.4176, 0.3917, 0.3340

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.7502, 0.3396, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4176, 0.3917, 0.3340 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(222, 150, 146)` looks like.

```
.text, #text, p{  
    color:rgb(222, 150, 146)  
}
```

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(222, 150, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 150, 146) }
```

Border

The CSS property to change the border of an element to Yxy 39.4176, 0.3917, 0.3340 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(222, 150, 146) }
```

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

```
.border{ border-color:rgb(222, 150, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 150, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 150, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 150, 146);  
box-shadow:4px 4px 4px 4px rgb(222, 150,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4176, 0.3917, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 150, 146) }
```

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

```
.background{ background-color: rgb(222,  
150, 146) }
```

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