

Converting Colors

$Yxy(39.4804, 0.3896, 0.3316)$

Have a look what the booklet for
Yxy(39.4804, 0.3896, 0.3316)
contains.

Yxy(39.4804, 0.3896, 0.3316)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.4804, 0.3896, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	DE9694
RGB	222, 150, 148
RGB Percent	87%, 59%, 58%
CMY	0.1292, 0.4118, 0.4196
CMYK	0.00, 0.32, 0.33, 0.13
HSL	2°, 53%, 73%
HSV	2°, 33%, 87%
XYZ	46.3859, 39.4804, 33.1940
YIQ	171.3000, 43.5540, 14.6420

Conversions

Conversions Part 2

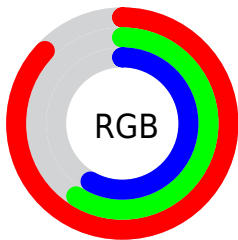
Format	Color
R _Y B	222, 150, 148
Decimal	14587540
CIE Lab	69.10, 26.86, 12.11
CIE LCh	69, 29.463, 24.279
Yxy	39.4804, 0.3896, 0.3316
Android (android.graphics.Color)	4292777620 (0xFFDE9694)
YUV	171.3000, -11.4869, 44.4639
Hunter-Lab	62.8334, 21.8166, 12.6613

Details

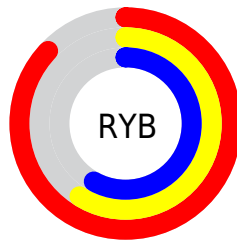
The Yxy color **39.4804, 0.3896, 0.3316** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.7925, 0.2652, 0.3264**, and the grayscale version is **40.9272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1869, 0.3540, 0.3322**, and **17.5978, 0.4145, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **32.5736, 0.4251, 0.3324**, and if you desaturate by 10%, it is **47.7976, 0.3605, 0.3308**.

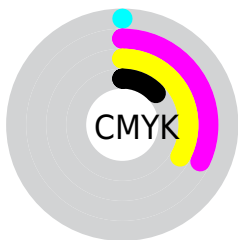
Distribution



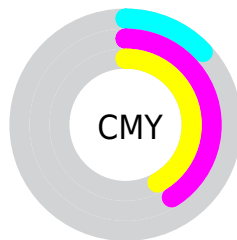
- Red (87%)
- Green (59%)
- Blue (58%)



- Red (87%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (32%)
- Yellow (33%)
- Black (13%)





- Cyan (13%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4804, 0.3896, 0.3316 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 39.4804, 0.3896, 0.3316 by changing the saturation by 10% instead.


 39.4804, 0.3896,
0.3316


 39.4804, 0.3896,
0.3316


343.9286, 0.3497,
0.3313

 27.1337, 0.4000,
0.3313


 74.3716, 0.3748,
0.3317

 17.6736, 0.4136,
0.3308


 97.6849, 0.3693,
0.3317

 10.7159, 0.4320,
0.3296


125.4225, 0.3647,
0.3317

 5.8762, 0.4585,
0.3272

157.9688, 0.3608,
0.3316

 2.7699, 0.4992,
0.3217

195.7081, 0.3575,
0.3315

 1.0128, 0.5973,
0.3231

239.0249, 0.3545,


 0.0000, 1.0000,


0.3314


0.0000


288.3037, 0.3520,
0.3314


 0.0000, 0.0000,
0.0000


 39.4804, 0.3896,
0.3316


 39.4804, 0.3896,
0.3316


 32.5736, 0.4251,
0.3324


 47.7976, 0.3605,
0.3308

 26.9937, 0.4670,
0.3331


 57.5913, 0.3370,
0.3300


 22.6574, 0.5136,
0.3334

 68.9303, 0.3181,
0.3292

 19.4694, 0.5606,
0.3334

 81.8774, 0.3030,
0.3286

 17.3209, 0.6012,
0.3327

 94.2765, 0.2929,
0.3289

■ 16.0820, 0.6284,
0.3316

■ 15.6653, 0.6385,
0.3312

Harmonies

Analogous

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



39.4804, 0.3571, 0.2983



39.4804, 0.3896, 0.3316



39.4804, 0.3996, 0.3664

Triad

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



39.4804, 0.3896, 0.3316



39.4804, 0.3074, 0.3960



39.4804, 0.2436, 0.2626

Complementary

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



39.4804, 0.3896, 0.3316



62.7925, 0.2652, 0.3264

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.



39.4804, 0.2327, 0.2828



39.4804, 0.3896, 0.3316



39.4804, 0.2677, 0.3617

Square

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



39.4804, 0.3896, 0.3316



39.4804, 0.3503, 0.4077



39.4804, 0.2411, 0.3187



39.4804, 0.2721, 0.2597

Rectangle

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



39.4804, 0.3896, 0.3316



39.4804, 0.3921, 0.3868



39.4804, 0.2411, 0.3187



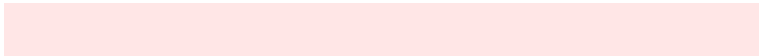
39.4804, 0.2379, 0.2674

Sweetspot

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



39.4823, 0.3896, 0.3316



83.6400, 0.3304, 0.3297



41.9280, 0.3177, 0.2478



17.4480, 0.3332, 0.3298



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.



39.4823, 0.3896, 0.3316



47.2454, 0.4136, 0.3322



52.9013, 0.3754, 0.3740



13.7589, 0.3291, 0.3297



9.3264, 0.6380, 0.3316



0.6675, 0.6320, 0.3363

Inverse Universe

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



62.7925, 0.2652, 0.3264



83.7846, 0.2570, 0.3258



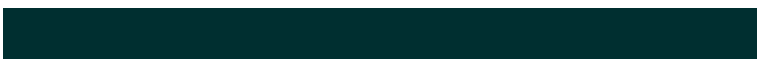
45.7663, 0.2592, 0.2791



15.5061, 0.2982, 0.3283



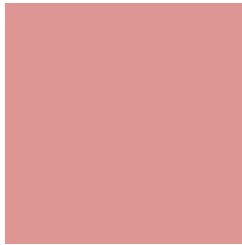
32.3513, 0.2224, 0.3206



2.2625, 0.2228, 0.3220

Previews

White Background



This preview shows how the Yxy color 39.4804, 0.3896, 0.3316 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 39.4804, 0.3896, 0.3316 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 39.4804, 0.3896, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 39.4804, 0.3896, 0.3316.



This preview shows how white text looks on a background with the Yxy color 39.4804, 0.3896, 0.3316.

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

39.4804, 0.3896, 0.3316

Protanopia

39.5878, 0.3279, 0.3429

Deuteranopia

39.7390, 0.3587, 0.3517



Tritanopia

39.3710, 0.3796, 0.3161

Trichromacy



Original Color

39.4804, 0.3896, 0.3316

Protanomaly

39.0293, 0.3496, 0.3384

Deuteranomaly

39.3977, 0.3694, 0.3433

Tritanomaly

39.5494, 0.3835, 0.3220

Monochromacy



Original Color

39.4804, 0.3896, 0.3316

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.7859, 0.3387, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4804, 0.3896, 0.3316 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(222, 150, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 150, 148) }
```

Border

The CSS property to change the border of an element to Yxy 39.4804, 0.3896, 0.3316 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, 148) }
```

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

```
.border{ border-color:rgb(222, 150, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 150, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 150, 148); box-shadow:4px 4px 4px 4px rgb(222, 150, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4804, 0.3896, 0.3316 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, 148) }
```

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

```
.background{ background-color: rgb(222,  
150, 148) }
```

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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