

Converting Colors

$Yxy(39.1450, 0.3466, 0.3803)$

Have a look what the booklet for
Yxy(39.1450, 0.3466, 0.3803)
contains.

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Color

Yxy(39.2413, 0.3459, 0.3803)

Conversions

Conversions Part 1

Format	Color
Hex	ACAA86
RGB	172, 170, 134
RGB Percent	67%, 67%, 53%
CMY	0.3255, 0.3333, 0.4745
CMYK	0.00, 0.01, 0.22, 0.33
HSL	57°, 19%, 60%
HSV	57°, 22%, 67%
XYZ	35.6917, 39.2413, 28.2521
YIQ	166.4940, 12.7480, -10.7720

Conversions

Conversions Part 2

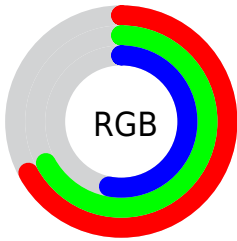
Format	Color
RYB	136, 172, 134
Decimal	11315846
CIELab	68.93, -5.33, 18.86
CIELCh	69, 19.599, 105.784
Yxy	39.2413, 0.3459, 0.3803
Android (android.graphics.Color)	4289505926 (0xFFACAA86)
YUV	166.4940, -16.0195, 4.8288
Hunter-Lab	62.6429, -7.9219, 17.1101

Details

The Yxy color **39.2413, 0.3459, 0.3803** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.6595, 0.2765, 0.2720**, and the grayscale version is **38.4606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9323, 0.3403, 0.3705**, and **17.5189, 0.3553, 0.3968** is the 20% darker color. If you saturate the color by 10%, you get **38.4636, 0.3613, 0.4037**, and if you desaturate by 10%, it is **40.1029, 0.3306, 0.3567**.

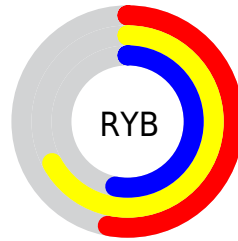
Distribution



Red (67%)

Green (67%)

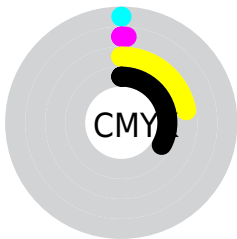
Blue (53%)



Red (53%)

Yellow (67%)

Blue (53%)

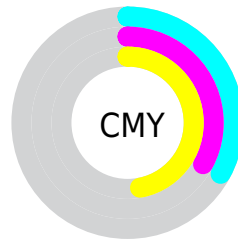


Cyan (0%)

Magenta (1%)

Yellow (22%)

Black (33%)



Cyan (33%)


Magenta (33%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2413, 0.3459, 0.3803 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 39.2413, 0.3459, 0.3803 by changing the saturation by 10% instead.


 39.2413, 0.3459,
0.3803


 39.2413, 0.3459,
0.3803


342.9153, 0.3291,
0.3537


 26.9475, 0.3501,
0.3872


 74.0068, 0.3397,
0.3704

 17.5338, 0.3556,
0.3963


 97.2473, 0.3374,
0.3667

 10.6158, 0.3628,
0.4087


 124.9054, 0.3355,
0.3637

 5.8091, 0.3727,
0.4263

157.3657, 0.3338,
0.3611

 2.7294, 0.3867,
0.4534

195.0124, 0.3324,
0.3588

 0.9921, 0.4492,
0.5508

238.2300, 0.3312,

 0.0000, 0.0000,

0.3569

0.0000

287.4028, 0.3300,
0.3552

■ 39.2413, 0.3459,
0.3803

■ 39.2413, 0.3459,
0.3803

■ 38.4636, 0.3613,
0.4037

■ 40.1029, 0.3306,
0.3567

■ 37.7607, 0.3763,
0.4263

■ 41.0468, 0.3157,
0.3337

■ 37.1304, 0.3903,
0.4469


■ 42.0778, 0.3016,
0.3116

■ 36.5681, 0.4027,
0.4648

■ 43.1992, 0.2884,
0.2909


■ 36.0689, 0.4130,
0.4791


■ 44.4138, 0.2763,
0.2716

 35.6271, 0.4208,
0.4893


 45.7247, 0.2652,
0.2539

 35.2358, 0.4260,
0.4952

 47.1343, 0.2550,
0.2378

 34.9504, 0.4287,
0.4978

 47.5286, 0.2548,
0.2383

 47.8876, 0.2550,
0.2394

Harmonies

Analogous

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



39.2413, 0.3653, 0.3695



39.2413, 0.3459, 0.3803



39.2413, 0.3181, 0.3764

Triad

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



39.2413, 0.3459, 0.3803



39.2413, 0.2584, 0.3048



39.2413, 0.3346, 0.3025

Complementary

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



39.2413, 0.3459, 0.3803



25.6595, 0.2765, 0.2720

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.



39.2413, 0.3052, 0.2868



39.2413, 0.3459, 0.3803



39.2413, 0.2622, 0.2871

Square

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



39.2413, 0.3459, 0.3803



39.2413, 0.2683, 0.3308



39.2413, 0.2789, 0.2810



39.2413, 0.3589, 0.3248

Rectangle

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



39.2413, 0.3459, 0.3803



39.2413, 0.2988, 0.3654



39.2413, 0.2789, 0.2810



39.2413, 0.3249, 0.2963

Sweetspot

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



39.2430, 0.3459, 0.3803



73.5822, 0.3231, 0.3452



27.6180, 0.3537, 0.3254



15.9701, 0.3240, 0.3465



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2430, 0.3459, 0.3803



70.4113, 0.3542, 0.3930



38.2489, 0.3296, 0.3858



9.2570, 0.3264, 0.3503



26.0342, 0.4286, 0.4979



0.7456, 0.4256, 0.5003

Inverse Universe

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



25.6595, 0.2765, 0.2720



40.9124, 0.2663, 0.2558



26.5619, 0.2927, 0.2715



7.8223, 0.2985, 0.3068



2.3882, 0.1512, 0.0642



0.0879, 0.1561, 0.0820

Previews

White Background



This preview shows how the Yxy color 39.2413, 0.3459, 0.3803 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 39.2413, 0.3459, 0.3803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

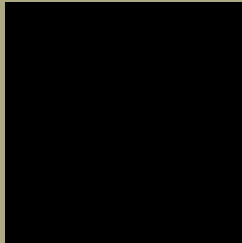
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

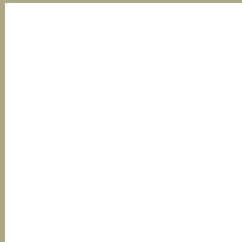
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2413, 0.3459, 0.3803

Background



This preview shows how black text looks on a background with the Yxy color 39.2413, 0.3459, 0.3803.



This preview shows how white text looks on a background with the Yxy color 39.2413, 0.3459, 0.3803.

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

39.2413, 0.3459, 0.3803

Protanopia

39.2824, 0.3543, 0.3779

Deuteranopia

39.2203, 0.3697, 0.3637



Tritanopia

39.1902, 0.3145, 0.3114

Trichromacy



Original Color

39.2413, 0.3459, 0.3803

Protanomaly

39.2995, 0.3510, 0.3798

Deuteranomaly

39.2243, 0.3615, 0.3700

Tritanomaly

39.0758, 0.3265, 0.3360

Monochromacy



Original Color

39.2413, 0.3459, 0.3803

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.2954, 0.3249, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2413, 0.3459, 0.3803 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(172, 170, 134)` looks like.

```
.text, #text, p{  
    color:rgb(172, 170, 134)  
}
```

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(172, 170, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 170, 134) }
```

Border

The CSS property to change the border of an element to Yxy 39.2413, 0.3459, 0.3803 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(172, 170, 134) }
```

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

```
.border{ border-color:rgb(172, 170, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 170, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 170, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 170, 134);  
box-shadow:4px 4px 4px 4px rgb(172, 170,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2413, 0.3459, 0.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 170, 134) }
```

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

```
.background{ background-color: rgb(172,  
170, 134) }
```

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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