

Converting Colors

$Yxy(39.6016, 0.3431, 0.3732)$

Have a look what the booklet for
Yxy(39.6016, 0.3431, 0.3732)
contains.

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Color

Yxy(39.6122, 0.3434, 0.3728)

Conversions

Conversions Part 1

Format	Color
Hex	AEAA8B
RGB	174, 170, 139
RGB Percent	68%, 67%, 55%
CMY	0.3177, 0.3333, 0.4548
CMYK	0.00, 0.02, 0.20, 0.32
HSL	53°, 18%, 61%
HSV	53°, 20%, 68%
XYZ	36.4883, 39.6122, 30.1554
YIQ	167.6620, 12.3350, -8.7930

Conversions

Conversions Part 2

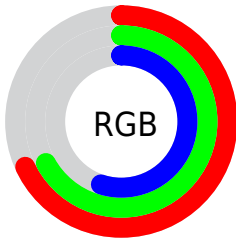
Format	Color
RYB	144, 174, 139
Decimal	11446923
CIELab	69.19, -3.82, 16.52
CIElCh	69, 16.953, 103.012
Yxy	39.6122, 0.3434, 0.3728
Android (android.graphics.Color)	4289637003 (0xFFAEAA8B)
YUV	167.6620, -14.1304, 5.5584
Hunter-Lab	62.9382, -6.6570, 15.6493

Details

The Yxy color **39.6122, 0.3434, 0.3728** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.1879, 0.2803, 0.2811**, and the grayscale version is **39.0498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5237, 0.3377, 0.3637**, and **17.7431, 0.3520, 0.3863** is the 20% darker color. If you saturate the color by 10%, you get **38.4095, 0.3595, 0.3951**, and if you desaturate by 10%, it is **40.9105, 0.3277, 0.3507**.

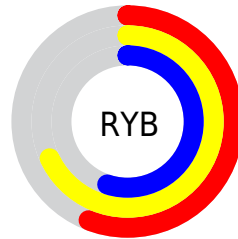
Distribution



Red (68%)

Green (67%)

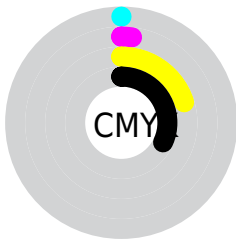
Blue (55%)



Red (56%)

Yellow (68%)

Blue (55%)

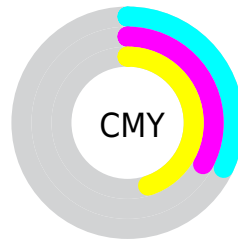


Cyan (0%)

Magenta (2%)

Yellow (20%)

Black (32%)



Cyan (32%)


Magenta (33%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6122, 0.3434, 0.3728 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 39.6122, 0.3434, 0.3728 by changing the saturation by 10% instead.


 39.6122, 0.3434,
0.3728


 39.6122, 0.3434,
0.3728


344.4863, 0.3278,
0.3501

 27.2363, 0.3474,
0.3787


 74.5726, 0.3377,
0.3644

 17.7508, 0.3525,
0.3864


 97.9259, 0.3355,
0.3613

 10.7712, 0.3593,
0.3968


 125.7072, 0.3337,
0.3587

 5.9132, 0.3688,
0.4118

158.3008, 0.3322,
0.3565

 2.7924, 0.3828,
0.4347

196.0911, 0.3309,
0.3546

 1.0243, 0.4605,
0.5395

239.4625, 0.3297,

 0.0000, 0.0000,

0.3529

0.0000

288.7995, 0.3287,
0.3514

■ 39.6122, 0.3434,
0.3728

■ 39.6122, 0.3434,
0.3728

■ 38.4095, 0.3595,
0.3951

■ 40.9105, 0.3277,
0.3507

■ 37.2933, 0.3756,
0.4168

■ 42.3028, 0.3129,
0.3292

■ 36.2611, 0.3911,
0.4370

■ 43.7941, 0.2989,
0.3088

■ 35.3084, 0.4054,
0.4548

■ 45.3878, 0.2860,
0.2897

■ 34.4301, 0.4179,
0.4692

■ 47.0869, 0.2743,
0.2720

■ 33.6205, 0.4280,
0.4797

■ 48.8942, 0.2636,
0.2557

■ 32.8728, 0.4355,
0.4857

■ 50.4331, 0.2571,
0.2465

■ 32.1789, 0.4407,
0.4883

■ 51.2592, 0.2574,
0.2488

■ 52.0967, 0.2577,
0.2512

Harmonies

Analogous

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



39.6122, 0.3590, 0.3628



39.6122, 0.3434, 0.3728



39.6122, 0.3199, 0.3705

Triad

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



39.6122, 0.3434, 0.3728



39.6122, 0.2659, 0.3102



39.6122, 0.3294, 0.3044

Complementary

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



39.6122, 0.3434, 0.3728



28.1879, 0.2803, 0.2811

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.



39.6122, 0.3040, 0.2914



39.6122, 0.3434, 0.3728



39.6122, 0.2681, 0.2938

Square

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



39.6122, 0.3434, 0.3728



39.6122, 0.2756, 0.3329



39.6122, 0.2818, 0.2874



39.6122, 0.3509, 0.3235

Rectangle

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



39.6122, 0.3434, 0.3728



39.6122, 0.3031, 0.3617



39.6122, 0.2818, 0.2874



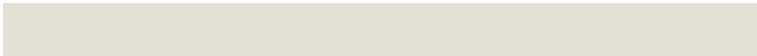
39.6122, 0.3210, 0.2992

Sweetspot

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



39.6140, 0.3434, 0.3728



75.2124, 0.3217, 0.3420



29.4532, 0.3473, 0.3231



16.6815, 0.3227, 0.3434



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.6140, 0.3434, 0.3728



70.9072, 0.3503, 0.3825



39.6628, 0.3297, 0.3801



9.1725, 0.3265, 0.3489



23.4000, 0.4404, 0.4885



0.6941, 0.4332, 0.4942

Inverse Universe

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



28.1879, 0.2803, 0.2811



46.4767, 0.2724, 0.2692



28.2419, 0.2930, 0.2767



7.8983, 0.2986, 0.3083



2.6203, 0.1527, 0.0697



0.1183, 0.1626, 0.1054

Previews

White Background



This preview shows how the Yxy color 39.6122, 0.3434, 0.3728 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 39.6122, 0.3434, 0.3728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

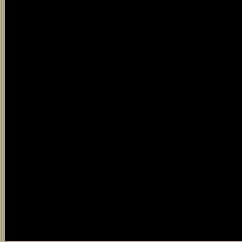
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

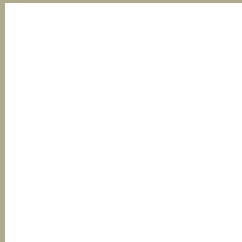
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6122, 0.3434, 0.3728

Background



This preview shows how black text looks on a background with the Yxy color 39.6122, 0.3434, 0.3728.



This preview shows how white text looks on a background with the Yxy color 39.6122, 0.3434, 0.3728.

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

39.6122, 0.3434, 0.3728

Protanopia

39.7946, 0.3495, 0.3722

Deuteranopia

39.3659, 0.3648, 0.3570



Tritanopia

39.7083, 0.3145, 0.3115

Trichromacy



Original Color

39.6122, 0.3434, 0.3728

Protanomaly

39.5580, 0.3475, 0.3725

Deuteranomaly

39.3685, 0.3568, 0.3631

Tritanomaly

39.6649, 0.3246, 0.3332

Monochromacy



Original Color

39.6122, 0.3434, 0.3728

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.3563, 0.3239, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6122, 0.3434, 0.3728 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(174, 170, 139)` looks like.

```
.text, #text, p{  
    color:rgb(174, 170, 139)  
}
```

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(174, 170, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 170, 139) }
```

Border

The CSS property to change the border of an element to Yxy 39.6122, 0.3434, 0.3728 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(174, 170, 139) }
```

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

```
.border{ border-color:rgb(174, 170, 139) }
```

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

Here you see how a box with a 4 pixel rgb(174, 170, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 170, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 170, 139);  
box-shadow:4px 4px 4px 4px rgb(174, 170,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6122, 0.3434, 0.3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 170, 139) }
```

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

```
.background{ background-color: rgb(174,  
170, 139) }
```

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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