

Converting Colors

$Yxy(39.1748, 0.3533, 0.3974)$

Have a look what the booklet for
Yxy(39.1748, 0.3533, 0.3974)
contains.

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Color

Yxy(39.1019, 0.3533, 0.3979)

Conversions

Conversions Part 1

Format	Color
Hex	AAAB7B
RGB	170, 171, 123
RGB Percent	67%, 67%, 48%
CMY	0.3332, 0.3294, 0.5177
CMYK	0.01, 0.00, 0.28, 0.33
HSL	61°, 22%, 58%
HSV	61°, 28%, 67%
XYZ	34.7190, 39.1019, 24.4497
YIQ	165.2290, 14.8120, -15.1400

Conversions

Conversions Part 2

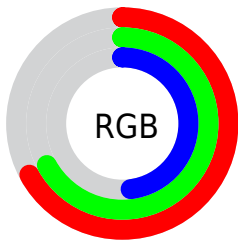
Format	Color
RYB	123, 171, 124
Decimal	11185019
CIELab	68.83, -8.20, 24.69
CIELCh	69, 26.015, 108.383
Yxy	39.1019, 0.3533, 0.3979
Android (android.graphics.Color)	4289375099 (0xFFAAAB7B)
YUV	165.2290, -20.8189, 4.1842
Hunter-Lab	62.5315, -10.3226, 20.5897

Details

The Yxy color **39.1019, 0.3533, 0.3979** is a light color, and the websafe version is hex **999966**. A complement of this color would be **21.3829, 0.2657, 0.2499**, and the grayscale version is **37.8409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6961, 0.3460, 0.3840**, and **17.4700, 0.3639, 0.4190** is the 20% darker color. If you saturate the color by 10%, you get **38.6738, 0.3674, 0.4220**, and if you desaturate by 10%, it is **39.6085, 0.3387, 0.3731**.

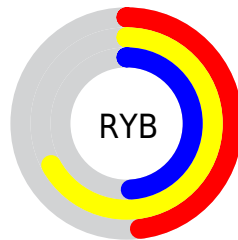
Distribution



Red (67%)

Green (67%)

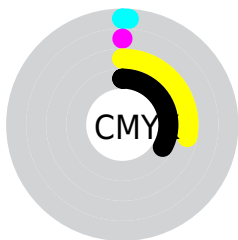
Blue (48%)



Red (48%)

Yellow (67%)

Blue (49%)

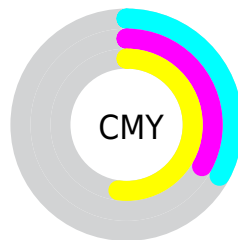


Cyan (1%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (33%)


Magenta (33%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1019, 0.3533, 0.3979 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 39.1019, 0.3533, 0.3979 by changing the saturation by 10% instead.


 39.1019, 0.3533,
0.3979


 39.1019, 0.3533,
0.3979


342.3235, 0.3330,
0.3620

 26.8390, 0.3583,
0.4072


 73.7940, 0.3460,
0.3845

 17.4523, 0.3646,
0.4194


 96.9919, 0.3432,
0.3796

 10.5575, 0.3727,
0.4359


 124.6037, 0.3408,
0.3755

 5.7702, 0.3832,
0.4592

157.0137, 0.3388,
0.3720

 2.7058, 0.4007,
0.4991

194.6062, 0.3370,
0.3690

 0.9802, 0.4263,
0.5737

237.7658, 0.3355,

 0.0000, 0.0000,

0.3663

0.0000

286.8768, 0.3342,
0.3640

■ 39.1019, 0.3533,
0.3979

■ 39.1019, 0.3533,
0.3979

■ 38.6738, 0.3674,
0.4220

■ 39.6085, 0.3387,
0.3731

■ 38.3149, 0.3805,
0.4446

■ 40.1918, 0.3242,
0.3484

■ 38.0228, 0.3921,
0.4647

■ 40.8570, 0.3100,
0.3245

■ 37.7927, 0.4016,
0.4813

■ 41.6072, 0.2966,
0.3018

■ 37.6195, 0.4086,
0.4940

■ 42.4455, 0.2839,
0.2805

■ 37.4968, 0.4132,
0.5025

■ 43.3748, 0.2722,
0.2609

■ 37.4143, 0.4155,
0.5072

■ 44.3977, 0.2615,
0.2429

■ 37.3998, 0.4158,
0.5080

■ 45.2053, 0.2545,
0.2310

■ 45.2446, 0.2547,
0.2310

Harmonies

Analogous

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



39.1019, 0.3808, 0.3839



39.1019, 0.3533, 0.3979



39.1019, 0.3159, 0.3916

Triad

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



39.1019, 0.3533, 0.3979



39.1019, 0.2414, 0.2936



39.1019, 0.3449, 0.2964

Complementary

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



39.1019, 0.3533, 0.3979



21.3829, 0.2657, 0.2499

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.



39.1019, 0.3057, 0.2753



39.1019, 0.3533, 0.3979



39.1019, 0.2478, 0.2723

Square

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



39.1019, 0.3533, 0.3979



39.1019, 0.2524, 0.3275



39.1019, 0.2706, 0.2664



39.1019, 0.3764, 0.3255

Rectangle

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



39.1019, 0.3533, 0.3979



39.1019, 0.2907, 0.3756



39.1019, 0.2706, 0.2664



39.1019, 0.3320, 0.2883

Sweetspot

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



39.1037, 0.3533, 0.3979



71.9769, 0.3243, 0.3486



24.4479, 0.3723, 0.3304



16.0147, 0.3264, 0.3522



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.



39.1037, 0.3533, 0.3979



69.5180, 0.3626, 0.4138



36.6828, 0.3302, 0.4034



9.3218, 0.3260, 0.3514



28.1978, 0.4159, 0.5080



0.7870, 0.4170, 0.5071

Inverse Universe

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



21.3829, 0.2657, 0.2499



32.2444, 0.2527, 0.2282



23.3778, 0.2904, 0.2552



7.7646, 0.2988, 0.3056



2.2361, 0.1508, 0.0604



0.0647, 0.1543, 0.0624

Previews

White Background



This preview shows how the Yxy color 39.1019, 0.3533, 0.3979 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 39.1019, 0.3533, 0.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

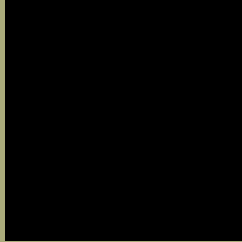
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

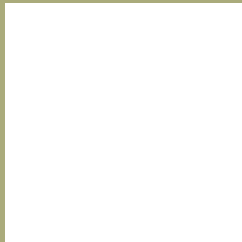
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1019, 0.3533, 0.3979

Background



This preview shows how black text looks on a background with the Yxy color 39.1019, 0.3533, 0.3979.



This preview shows how white text looks on a background with the Yxy color 39.1019, 0.3533, 0.3979.

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

39.1019, 0.3533, 0.3979

Protanopia

39.1137, 0.3652, 0.3931

Deuteranopia

38.9762, 0.3838, 0.3764



Tritanopia

39.0724, 0.3135, 0.3114

Trichromacy



Original Color

39.1019, 0.3533, 0.3979

Protanomaly

39.0112, 0.3608, 0.3953

Deuteranomaly

39.0569, 0.3727, 0.3848

Tritanomaly

39.0704, 0.3280, 0.3430

Monochromacy



Original Color

39.1019, 0.3533, 0.3979

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.0549, 0.3275, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1019, 0.3533, 0.3979 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(170, 171, 123)` looks like.

```
.text, #text, p{  
    color:rgb(170, 171, 123)  
}
```

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(170, 171, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 171, 123) }
```

Border

The CSS property to change the border of an element to Yxy 39.1019, 0.3533, 0.3979 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(170, 171, 123) }
```

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

```
.border{ border-color:rgb(170, 171, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 171, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 171, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 171, 123);  
box-shadow:4px 4px 4px 4px rgb(170, 171,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1019, 0.3533, 0.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 171, 123) }
```

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

```
.background{ background-color: rgb(170,  
171, 123) }
```

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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