

Converting Colors

$Yxy(39.2031, 0.3524, 0.3961)$

Have a look what the booklet for
Yxy(39.2031, 0.3524, 0.3961)
contains.

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Color

Yxy(39.1271, 0.3524, 0.3964)

Conversions

Conversions Part 1

Format	Color
Hex	AAAB7C
RGB	170, 171, 124
RGB Percent	67%, 67%, 49%
CMY	0.3332, 0.3294, 0.5136
CMYK	0.01, 0.00, 0.27, 0.33
HSL	61°, 22%, 58%
HSV	61°, 27%, 67%
XYZ	34.7840, 39.1271, 24.7950
YIQ	165.3430, 14.4910, -14.8290

Conversions

Conversions Part 2

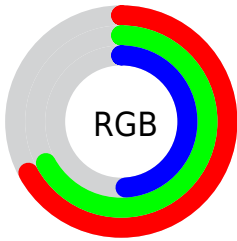
Format	Color
RYB	124, 171, 125
Decimal	11185020
CIELab	68.84, -8.06, 24.15
CIElCh	69, 25.458, 108.457
Yxy	39.1271, 0.3524, 0.3964
Android (android.graphics.Color)	4289375100 (0xFFAAAB7C)
YUV	165.3430, -20.3821, 4.0842
Hunter-Lab	62.5517, -10.2043, 20.2841

Details

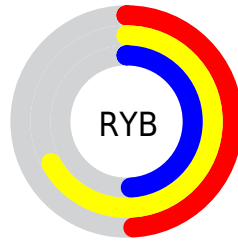
The Yxy color **39.1271, 0.3524, 0.3964** is a light color, and the websafe version is hex **999966**. A complement of this color would be **21.7205, 0.2669, 0.2519**, and the grayscale version is **37.8981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7358, 0.3453, 0.3829**, and **17.4836, 0.3627, 0.4171** is the 20% darker color. If you saturate the color by 10%, you get **38.6937, 0.3665, 0.4206**, and if you desaturate by 10%, it is **39.6391, 0.3378, 0.3716**.

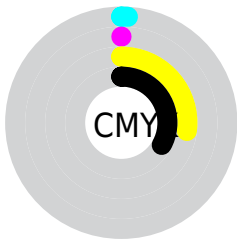
Distribution



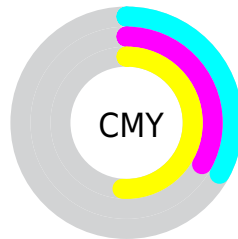
- Red (67%)
- Green (67%)
- Blue (49%)



- Red (49%)
- Yellow (67%)
- Blue (49%)



- Cyan (1%)
- Magenta (0%)
- Yellow (27%)
- Black (33%)





- Cyan (33%)
- Magenta (33%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1271, 0.3524, 0.3964 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 39.1271, 0.3524, 0.3964 by changing the saturation by 10% instead.


 39.1271, 0.3524,
0.3964


 39.1271, 0.3524,
0.3964


342.4306, 0.3325,
0.3613


 26.8586, 0.3573,
0.4055


 73.8324, 0.3452,
0.3833

 17.4671, 0.3635,
0.4175


 97.0381, 0.3425,
0.3785

 10.5681, 0.3714,
0.4336


 124.6583, 0.3402,
0.3745

 5.7772, 0.3819,
0.4565

157.0773, 0.3382,
0.3711

 2.7101, 0.3986,
0.4949

194.6797, 0.3365,
0.3681

 0.9823, 0.4276,
0.5724

237.8498, 0.3350,

 0.0000, 0.0000,

0.3655

0.0000

286.9719, 0.3337,
0.3633

■ 39.1271, 0.3524,
0.3964

■ 39.1271, 0.3524,
0.3964

■ 38.6937, 0.3665,
0.4206

■ 39.6391, 0.3378,
0.3716

■ 38.3299, 0.3797,
0.4433

■ 40.2280, 0.3233,
0.3469

■ 38.0331, 0.3914,
0.4635

■ 40.8991, 0.3092,
0.3231

■ 37.7987, 0.4010,
0.4805

■ 41.6554, 0.2958,
0.3004

■ 37.6214, 0.4082,
0.4934

■ 42.5000, 0.2832,
0.2792

■ 37.4951, 0.4129,
0.5021

■ 43.4356, 0.2716,
0.2597

■ 37.4102, 0.4153,
0.5070

■ 44.4651, 0.2609,
0.2418

■ 37.3910, 0.4158,
0.5081

■ 45.2105, 0.2545,
0.2310

■ 45.2507, 0.2547,
0.2310

Harmonies

Analogous

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



39.1271, 0.3793, 0.3828



39.1271, 0.3524, 0.3964



39.1271, 0.3158, 0.3901

Triad

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



39.1271, 0.3524, 0.3964



39.1271, 0.2428, 0.2944



39.1271, 0.3443, 0.2972

Complementary

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



39.1271, 0.3524, 0.3964



21.7205, 0.2669, 0.2519

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.



39.1271, 0.3060, 0.2764



39.1271, 0.3524, 0.3964



39.1271, 0.2492, 0.2734

Square

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



39.1271, 0.3524, 0.3964



39.1271, 0.2536, 0.3275



39.1271, 0.2716, 0.2676



39.1271, 0.3751, 0.3257

Rectangle

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



39.1271, 0.3524, 0.3964



39.1271, 0.2911, 0.3744



39.1271, 0.2716, 0.2676



39.1271, 0.3317, 0.2891

Sweetspot

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



39.1289, 0.3524, 0.3964



71.9757, 0.3243, 0.3486



24.7314, 0.3706, 0.3304



16.0144, 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.



39.1289, 0.3524, 0.3964



69.5904, 0.3611, 0.4113



36.7575, 0.3298, 0.4016



9.3217, 0.3260, 0.3514



28.1921, 0.4158, 0.5080



0.7869, 0.4169, 0.5071

Inverse Universe

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



21.7205, 0.2669, 0.2519



33.1449, 0.2548, 0.2316



23.6844, 0.2910, 0.2569



7.7648, 0.2988, 0.3056



2.2365, 0.1508, 0.0604



0.0647, 0.1544, 0.0624

Previews

White Background



This preview shows how the Yxy color 39.1271, 0.3524, 0.3964 looks on a white background.

Color Contrast Check

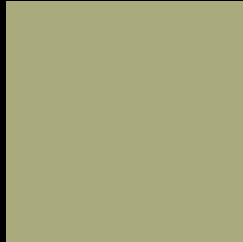
Large Text (above 18pt) WCAG AA × Fail

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 39.1271, 0.3524, 0.3964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

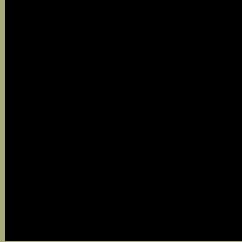
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1271, 0.3524, 0.3964

Background



This preview shows how black text looks on a background with the Yxy color 39.1271, 0.3524, 0.3964.



This preview shows how white text looks on a background with the Yxy color 39.1271, 0.3524, 0.3964.

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

39.1271, 0.3524, 0.3964

Protanopia

39.1386, 0.3643, 0.3917

Deuteranopia

39.0019, 0.3828, 0.3751



Tritanopia

39.0724, 0.3135, 0.3114

Trichromacy



Original Color

39.1271, 0.3524, 0.3964

Protanomaly

39.0361, 0.3599, 0.3939

Deuteranomaly

39.0823, 0.3718, 0.3834

Tritanomaly

39.1047, 0.3271, 0.3416

Monochromacy



Original Color

39.1271, 0.3524, 0.3964

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 39.1271, 0.3524, 0.3964 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(170, 171, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 171, 124) }
```

Border

The CSS property to change the border of an element to Yxy 39.1271, 0.3524, 0.3964 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, 124) }
```

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

```
.border{ border-color:rgb(170, 171, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 171, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 171, 124);  
box-shadow:4px 4px 4px 4px rgb(170, 171,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1271, 0.3524, 0.3964 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, 124) }
```

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

```
.background{ background-color: rgb(170,  
171, 124) }
```

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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