

Converting Colors

$Yxy(39.3444, 0.3375, 0.4048)$

Have a look what the booklet for
Yxy(39.3444, 0.3375, 0.4048)
contains.

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Color

Yxy(39.1831, 0.3377, 0.4049)

Conversions

Conversions Part 1

Format	Color
Hex	9CAF7C
RGB	156, 175, 124
RGB Percent	61%, 69%, 49%
CMY	0.3882, 0.3137, 0.5137
CMYK	0.11, 0.00, 0.29, 0.31
HSL	82°, 24%, 59%
HSV	82°, 29%, 69%
XYZ	32.6800, 39.1831, 24.9092
YIQ	163.5050, 5.0470, -19.8890

Conversions

Conversions Part 2

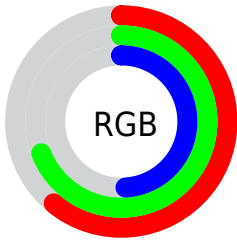
Format	Color
RYB	124, 175, 143
Decimal	10268540
CIELab	68.88, -15.60, 24.03
CIElCh	69, 28.649, 122.983
Yxy	39.1831, 0.3377, 0.4049
Android (android.graphics.Color)	4288458620 (0xFF9CAF7C)
YUV	163.5050, -19.4760, -6.5819
Hunter-Lab	62.5964, -16.3534, 20.2240

Details

The Yxy color **39.1831, 0.3377, 0.4049** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.3495, 0.2816, 0.2503**, and the grayscale version is **36.9710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1750, 0.3333, 0.3901**, and **17.6170, 0.3430, 0.4297** is the 20% darker color. If you saturate the color by 10%, you get **38.1478, 0.3455, 0.4329**, and if you desaturate by 10%, it is **40.3353, 0.3293, 0.3775**.

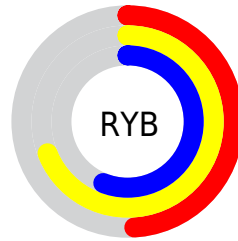
Distribution



Red (61%)

Green (69%)

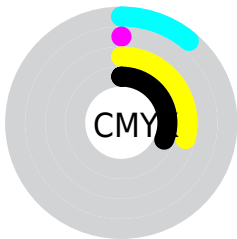
Blue (49%)



Red (49%)

Yellow (69%)

Blue (56%)

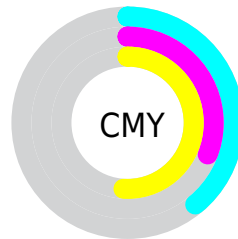


Cyan (11%)

Magenta (0%)

Yellow (29%)

Black (31%)



Cyan (39%)


Magenta (31%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1831, 0.3377, 0.4049 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 39.1831, 0.3377, 0.4049 by changing the saturation by 10% instead.


 39.1831, 0.3377,
0.4049


 39.1831, 0.3377,
0.4049


342.6683, 0.3256,
0.3648


 26.9022, 0.3405,
0.4156


 73.9179, 0.3335,
0.3898

 17.4998, 0.3438,
0.4297


 97.1407, 0.3318,
0.3843

 10.5915, 0.3479,
0.4491


 124.7795, 0.3304,
0.3797

 5.7928, 0.3525,
0.4772

157.2188, 0.3292,
0.3758

 2.7195, 0.3595,
0.5253

194.8429, 0.3281,
0.3725

 0.9871, 0.3595,
0.6405

238.0362, 0.3272,

 0.0000, 0.0000,

0.3696

0.0000

287.1833, 0.3264,
0.3670

■ 39.1831, 0.3377,
0.4049

■ 39.1831, 0.3377,
0.4049

■ 38.1478, 0.3455,
0.4329

■ 40.3353, 0.3293,
0.3775

■ 37.2196, 0.3521,
0.4606

■ 41.6035, 0.3206,
0.3514

■ 36.3950, 0.3573,
0.4868

■ 42.9938, 0.3120,
0.3270

■ 35.6685, 0.3604,
0.5102

■ 44.5098, 0.3036,
0.3045

■ 35.0338, 0.3612,
0.5297

■ 46.1554, 0.2956,
0.2840

■ 34.4836, 0.3596,
0.5445

■ 47.9341, 0.2880,
0.2654

■ 34.0045, 0.3561,
0.5549

■ 49.8492, 0.2809,
0.2488

■ 33.9653, 0.3557,
0.5557

■ 51.3105, 0.2802,
0.2419

■ 52.2753, 0.2851,
0.2431

Harmonies

Analogous

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



39.1831, 0.3747, 0.3991



39.1831, 0.3377, 0.4049



39.1831, 0.2956, 0.3863

Triad

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



39.1831, 0.3377, 0.4049



39.1831, 0.2358, 0.2765



39.1831, 0.3669, 0.3080

Complementary

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



39.1831, 0.3377, 0.4049



23.3495, 0.2816, 0.2503

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.



39.1831, 0.3260, 0.2802



39.1831, 0.3377, 0.4049



39.1831, 0.2517, 0.2616

Square

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



39.1831, 0.3377, 0.4049



39.1831, 0.2385, 0.3076



39.1831, 0.2838, 0.2635



39.1831, 0.3930, 0.3417

Rectangle

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



39.1831, 0.3377, 0.4049



39.1831, 0.2703, 0.3626



39.1831, 0.2838, 0.2635



39.1831, 0.3542, 0.2977

Sweetspot

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



39.1848, 0.3377, 0.4049



74.5062, 0.3206, 0.3514



30.1246, 0.3681, 0.3567



16.4846, 0.3219, 0.3551



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.



39.1848, 0.3377, 0.4049



68.9546, 0.3428, 0.4230



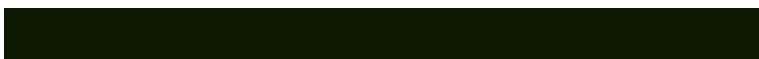
36.9251, 0.3147, 0.4106



9.1789, 0.3208, 0.3518



24.3592, 0.3564, 0.5552



0.7074, 0.3760, 0.5397

Inverse Universe

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



23.3495, 0.2816, 0.2503



35.9301, 0.2730, 0.2306



25.8577, 0.3086, 0.2563



7.8970, 0.3041, 0.3060



3.0578, 0.1817, 0.0774



0.1168, 0.2186, 0.0978

Previews

White Background



This preview shows how the Yxy color 39.1831, 0.3377, 0.4049 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 39.1831, 0.3377, 0.4049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

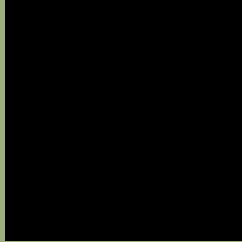
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

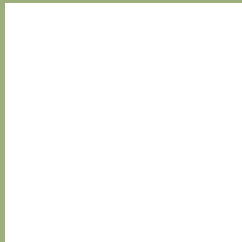
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1831, 0.3377, 0.4049

Background



This preview shows how black text looks on a background with the Yxy color 39.1831, 0.3377, 0.4049.



This preview shows how white text looks on a background with the Yxy color 39.1831, 0.3377, 0.4049.

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

39.1831, 0.3377, 0.4049

Protanopia

39.2095, 0.3671, 0.3943

Deuteranopia

38.8924, 0.3808, 0.3740



Tritanopia

39.2340, 0.2984, 0.3109

Trichromacy



Original Color

39.1831, 0.3377, 0.4049

Protanomaly

39.3016, 0.3561, 0.3988

Deuteranomaly

38.7239, 0.3644, 0.3846

Tritanomaly

39.2410, 0.3129, 0.3448

Monochromacy



Original Color

39.1831, 0.3377, 0.4049

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.7523, 0.3225, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1831, 0.3377, 0.4049 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(156, 175, 124)` looks like.

```
.text, #text, p{  
    color:rgb(156, 175, 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(156, 175, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 175, 124) }
```

Border

The CSS property to change the border of an element to Yxy 39.1831, 0.3377, 0.4049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

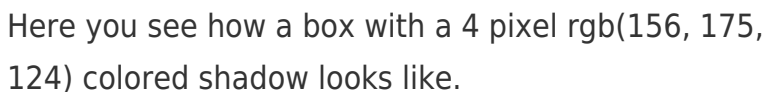
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 175, 124) }
```

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

```
.border{ border-color:rgb(156, 175, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 175, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 175, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 175, 124);  
box-shadow:4px 4px 4px 4px rgb(156, 175,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1831, 0.3377, 0.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 175, 124) }
```

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

```
.background{ background-color: rgb(156,  
175, 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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