

Converting Colors

$Yxy(33.7382, 0.3690, 0.4073)$

Have a look what the booklet for
Yxy(33.7382, 0.3690, 0.4073)
contains.

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Color

Yxy(33.9439, 0.3691, 0.4078)

Conversions

Conversions Part 1

Format	Color
Hex	A69F6A
RGB	166, 159, 106
RGB Percent	65%, 62%, 42%
CMY	0.3491, 0.3764, 0.5843
CMYK	0.00, 0.04, 0.36, 0.35
HSL	53°, 25%, 53%
HSV	53°, 36%, 65%
XYZ	30.7226, 33.9439, 18.5701
YIQ	155.0510, 21.1850, -14.9990

Conversions

Conversions Part 2

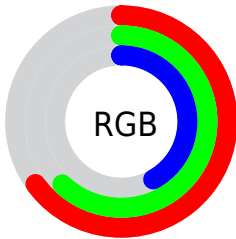
Format	Color
RYB	114, 166, 106
Decimal	10919786
CIELab	64.92, -5.64, 28.60
CIELCh	65, 29.152, 101.156
Yxy	33.9439, 0.3691, 0.4078
Android (android.graphics.Color)	4289109866 (0xFFA69F6A)
YUV	155.0510, -24.1821, 9.6023
Hunter-Lab	58.2614, -7.8301, 21.8850

Details

The Yxy color **33.9439, 0.3691, 0.4078** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.6223, 0.2503, 0.2355**, and the grayscale version is **32.9041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0914, 0.3584, 0.3926**, and **14.5413, 0.3849, 0.4327** is the 20% darker color. If you saturate the color by 10%, you get **32.9746, 0.3849, 0.4286**, and if you desaturate by 10%, it is **34.9935, 0.3530, 0.3859**.

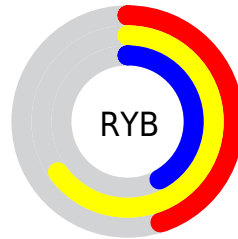
Distribution



Red (65%)

Green (62%)

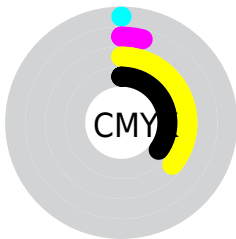
Blue (42%)



Red (45%)

Yellow (65%)

Blue (42%)

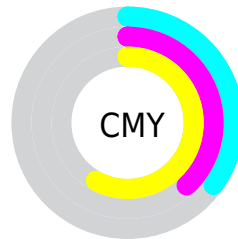


Cyan (0%)

Magenta (4%)

Yellow (36%)

Black (35%)



Cyan (35%)


Magenta (38%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9439, 0.3691, 0.4078 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 33.9439, 0.3691, 0.4078 by changing the saturation by 10% instead.


 33.9439, 0.3691,
0.4078


 33.9439, 0.3691,
0.4078

319.8818, 0.3402,
0.3662


 22.8505, 0.3763,
0.4187


 65.8464, 0.3585,
0.3923

 14.4832, 0.3855,
0.4329


 87.4243, 0.3546,
0.3866

 8.4575, 0.3973,
0.4519


 113.2659, 0.3512,
0.3818

 4.3890, 0.4123,
0.4782

 143.7554, 0.3484,
0.3777

 1.8935, 0.4550,
0.5450

179.2774, 0.3459,
0.3742

 0.5445, 0.4109,
0.5891

220.2162, 0.3437,

 0.0000, 0.0000,

0.3712

0.0000

266.9562, 0.3419,
0.3686

■ 33.9439, 0.3691,
0.4078

■ 33.9439, 0.3691,
0.4078

■ 32.9746, 0.3849,
0.4286

■ 34.9935, 0.3530,
0.3859

■ 32.0770, 0.3998,
0.4474

■ 36.1224, 0.3370,
0.3637

■ 31.2483, 0.4132,
0.4633

■ 37.3354, 0.3217,
0.3420

■ 30.4838, 0.4244,
0.4754

■ 38.6357, 0.3072,
0.3210

■ 29.7778, 0.4331,
0.4833

■ 40.0263, 0.2938,
0.3012

■ 29.1227, 0.4391,
0.4870

■ 41.5100, 0.2814,
0.2828

■ 28.8764, 0.4411,
0.4879

■ 43.0894, 0.2701,
0.2658

■ 44.7672, 0.2598,
0.2502

■ 46.5206, 0.2508,
0.2363

Harmonies

Analogous

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



33.9439, 0.3972, 0.3858



33.9439, 0.3691, 0.4078



33.9439, 0.3269, 0.4076

Triad

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



33.9439, 0.3691, 0.4078



33.9439, 0.2311, 0.2954



33.9439, 0.3394, 0.2842

Complementary

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



33.9439, 0.3691, 0.4078



17.6223, 0.2503, 0.2355

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.



33.9439, 0.2934, 0.2629



33.9439, 0.3691, 0.4078



33.9439, 0.2337, 0.2669

Square

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



33.9439, 0.3691, 0.4078



33.9439, 0.2483, 0.3377



33.9439, 0.2556, 0.2562



33.9439, 0.3803, 0.3159

Rectangle

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



33.9439, 0.3691, 0.4078



33.9439, 0.2969, 0.3924



33.9439, 0.2556, 0.2562



33.9439, 0.3239, 0.2757

Sweetspot

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



33.9454, 0.3691, 0.4078



66.6422, 0.3294, 0.3529



19.6070, 0.3872, 0.3182



14.8498, 0.3314, 0.3558



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.9454, 0.3691, 0.4078



60.2610, 0.3813, 0.4239



34.1446, 0.3424, 0.4243



8.6228, 0.3265, 0.3488



22.4422, 0.4409, 0.4881



0.5865, 0.4329, 0.4945

Inverse Universe

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



17.6223, 0.2503, 0.2355



26.4031, 0.2350, 0.2117



17.7292, 0.2732, 0.2297



7.4358, 0.2986, 0.3084



2.5417, 0.1528, 0.0701



0.1034, 0.1635, 0.1087

Previews

White Background



This preview shows how the Yxy color 33.9439, 0.3691, 0.4078 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 33.9439, 0.3691, 0.4078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

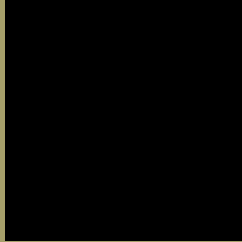
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9439, 0.3691, 0.4078

Background



This preview shows how black text looks on a background with the Yxy color 33.9439, 0.3691, 0.4078.



This preview shows how white text looks on a background with the Yxy color 33.9439, 0.3691, 0.4078.

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

33.9439, 0.3691, 0.4078

Protanopia

33.7918, 0.3764, 0.4051

Deuteranopia

33.9073, 0.3952, 0.3883



Tritanopia

34.0210, 0.3225, 0.3121

Trichromacy



Original Color

33.9439, 0.3691, 0.4078

Protanomaly

33.9087, 0.3737, 0.4070

Deuteranomaly

33.8760, 0.3858, 0.3957

Tritanomaly

33.9719, 0.3393, 0.3466

Monochromacy



Original Color

33.9439, 0.3691, 0.4078

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.9540, 0.3335, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9439, 0.3691, 0.4078 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(166, 159, 106)` looks like.

```
.text, #text, p{  
    color:rgb(166, 159, 106)  
}
```

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(166, 159, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 159, 106) }
```

Border

The CSS property to change the border of an element to Yxy 33.9439, 0.3691, 0.4078 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(166, 159, 106) }
```

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

```
.border{ border-color:rgb(166, 159, 106) }
```

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

Here you see how a box with a 4 pixel rgb(166, 159, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 159, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 159, 106);  
box-shadow:4px 4px 4px 4px rgb(166, 159,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9439, 0.3691, 0.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 159, 106) }
```

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

```
.background{ background-color: rgb(166,  
159, 106) }
```

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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