

Converting Colors

Yxy(33.2947, 0.3719, 0.4000)

Have a look what the booklet for
Yxy(33.2947, 0.3719, 0.4000)
contains.

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Color

Yxy(33.2947, 0.3719, 0.4000)

Conversions

Conversions Part 1

Format	Color
Hex	A99C6C
RGB	169, 156, 108
RGB Percent	66%, 61%, 42%
CMY	0.3373, 0.3882, 0.5764
CMYK	0.00, 0.08, 0.36, 0.34
HSL	47°, 26%, 54%
HSV	47°, 36%, 66%
XYZ	30.9557, 33.2947, 18.9863
YIQ	154.4150, 23.1560, -12.1720

Conversions

Conversions Part 2

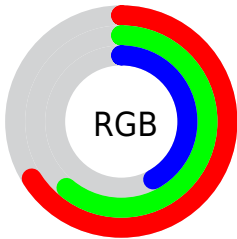
Format	Color
RYB	125, 169, 108
Decimal	11115628
CIELab	64.40, -2.54, 26.88
CIElCh	64, 27.003, 95.390
Yxy	33.2947, 0.3719, 0.4000
Android (android.graphics.Color)	4289305708 (0xFFA99C6C)
YUV	154.4150, -22.8826, 12.7910
Hunter-Lab	57.7016, -5.2160, 20.8821

Details

The Yxy color **33.2947, 0.3719, 0.4000** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.7262, 0.2517, 0.2460**, and the grayscale version is **32.6023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6388, 0.3606, 0.3856**, and **14.1424, 0.3898, 0.4218** is the 20% darker color. If you saturate the color by 10%, you get **31.7811, 0.3897, 0.4191**, and if you desaturate by 10%, it is **34.9168, 0.3544, 0.3801**.

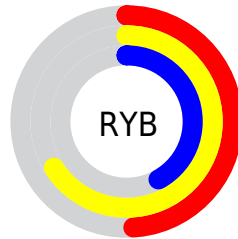
Distribution



Red (66%)

Green (61%)

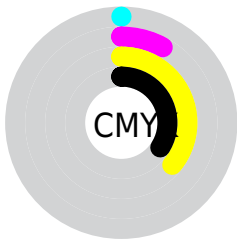
Blue (42%)



Red (49%)

Yellow (66%)

Blue (42%)

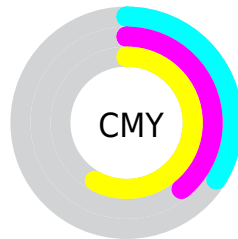


Cyan (0%)

Magenta (8%)

Yellow (36%)

Black (34%)



Cyan (34%)


Magenta (39%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2947, 0.3719, 0.4000 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 33.2947, 0.3719, 0.4000 by changing the saturation by 10% instead.


 33.2947, 0.3719,
0.4000

 33.2947, 0.3719,
0.4000

316.9756, 0.3412,
0.3627


 22.3523, 0.3798,
0.4097

 64.8354, 0.3605,
0.3861


 14.1160, 0.3898,
0.4224


 86.2024, 0.3563,
0.3810

 8.2014, 0.4031,
0.4393


 111.8131, 0.3528,
0.3767

 4.2241, 0.4208,
0.4626

 142.0519, 0.3498,
0.3730

 1.7997, 0.4727,
0.5273

177.3031, 0.3472,
0.3699

 0.4870, 0.4515,
0.5485

217.9512, 0.3449,

 0.0000, 0.0000,

0.3672

0.0000

264.3806, 0.3429,
0.3648

■ 33.2947, 0.3719,
0.4000

■ 33.2947, 0.3719,
0.4000

■ 31.7811, 0.3897,
0.4191

■ 34.9168, 0.3544,
0.3801

■ 30.3671, 0.4071,
0.4365

■ 36.6470, 0.3376,
0.3600

■ 29.0495, 0.4234,
0.4511

■ 38.4904, 0.3218,
0.3405

■ 27.8230, 0.4379,
0.4621

■ 40.4506, 0.3071,
0.3218

■ 26.6814, 0.4499,
0.4687

■ 42.5309, 0.2937,
0.3042

■ 25.6166, 0.4591,
0.4708

■ 44.7346, 0.2816,
0.2879

■ 25.2133, 0.4624,
0.4711

■ 47.0646, 0.2706,
0.2728

■ 49.5239, 0.2607,
0.2589

■ 51.7822, 0.2546,
0.2513

Harmonies

Analogous

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



33.2947, 0.3943, 0.3770



33.2947, 0.3719, 0.4000



33.2947, 0.3343, 0.4039

Triad

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



33.2947, 0.3719, 0.4000



33.2947, 0.2379, 0.3048



33.2947, 0.3294, 0.2822

Complementary

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



33.2947, 0.3719, 0.4000



19.7262, 0.2517, 0.2460

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.



33.2947, 0.2871, 0.2646



33.2947, 0.3719, 0.4000



33.2947, 0.2367, 0.2750

Square

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



33.2947, 0.3719, 0.4000



33.2947, 0.2576, 0.3453



33.2947, 0.2540, 0.2615



33.2947, 0.3694, 0.3106

Rectangle

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



33.2947, 0.3719, 0.4000



33.2947, 0.3061, 0.3929



33.2947, 0.2540, 0.2615



33.2947, 0.3149, 0.2750

Sweetspot

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



33.2962, 0.3719, 0.4000



67.2318, 0.3297, 0.3504



20.5479, 0.3786, 0.3088



14.5615, 0.3318, 0.3529



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.



33.2962, 0.3719, 0.4000



57.5396, 0.3856, 0.4148



36.1011, 0.3485, 0.4223



8.4987, 0.3267, 0.3467



18.8744, 0.4618, 0.4715



0.5253, 0.4454, 0.4845

Inverse Universe

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



19.7262, 0.2517, 0.2460



29.7632, 0.2371, 0.2246



17.9744, 0.2665, 0.2278



7.5498, 0.2986, 0.3107



3.1402, 0.1568, 0.0843



0.1462, 0.1731, 0.1430

Previews

White Background



This preview shows how the Yxy color 33.2947, 0.3719, 0.4000 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 33.2947, 0.3719, 0.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

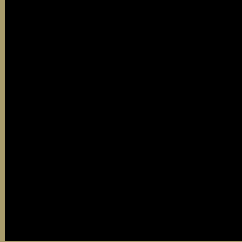
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2947, 0.3719, 0.4000

Background



This preview shows how black text looks on a background with the Yxy color 33.2947, 0.3719, 0.4000.



This preview shows how white text looks on a background with the Yxy color 33.2947, 0.3719, 0.4000.

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

33.2947, 0.3719, 0.4000

Protanopia

33.2947, 0.3719, 0.4000

Deuteranopia

33.3559, 0.3926, 0.3861



Tritanopia

33.1821, 0.3279, 0.3121

Trichromacy



Original Color

33.2947, 0.3719, 0.4000

Protanomaly

33.2947, 0.3719, 0.4000

Deuteranomaly

33.2639, 0.3850, 0.3903

Tritanomaly

33.2937, 0.3441, 0.3436

Monochromacy



Original Color

33.2947, 0.3719, 0.4000

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.6198, 0.3337, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2947, 0.3719, 0.4000 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(169, 156, 108)` looks like.

```
.text, #text, p{  
    color:rgb(169, 156, 108)  
}
```

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(169, 156, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 156, 108) }
```

Border

The CSS property to change the border of an element to Yxy 33.2947, 0.3719, 0.4000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

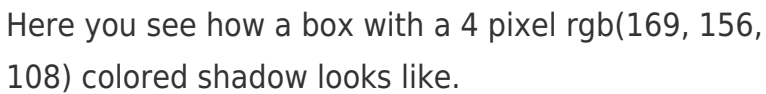
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 156, 108) }
```

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

```
.border{ border-color:rgb(169, 156, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 156, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 156, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 156, 108); box-shadow:4px 4px 4px 4px rgb(169, 156, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2947, 0.3719, 0.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 156, 108) }
```

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

```
.background{ background-color: rgb(169,  
156, 108) }
```

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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