

Converting Colors

$Yxy(33.7405, 0.3644, 0.3892)$

Have a look what the booklet for
Yxy(33.7405, 0.3644, 0.3892)
contains.

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Color

Yxy(33.8099, 0.3639, 0.3897)

Conversions

Conversions Part 1

Format	Color
Hex	A99D74
RGB	169, 157, 116
RGB Percent	66%, 62%, 45%
CMY	0.3372, 0.3843, 0.5452
CMYK	0.00, 0.07, 0.31, 0.34
HSL	46°, 24%, 56%
HSV	46°, 31%, 66%
XYZ	31.5715, 33.8099, 21.3774
YIQ	155.9140, 20.3130, -10.2070

Conversions

Conversions Part 2

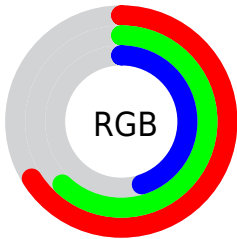
Format	Color
RYB	132, 169, 116
Decimal	11115892
CIELab	64.81, -2.05, 23.09
CIELCh	65, 23.179, 95.071
Yxy	33.8099, 0.3639, 0.3897
Android (android.graphics.Color)	4289305972 (0xFFA99D74)
YUV	155.9140, -19.6776, 11.4764
Hunter-Lab	58.1463, -4.8363, 18.9045

Details

The Yxy color **33.8099, 0.3639, 0.3897** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.0094, 0.2606, 0.2598**, and the grayscale version is **33.2883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4232, 0.3544, 0.3776**, and **14.4263, 0.3800, 0.4100** is the 20% darker color. If you saturate the color by 10%, you get **32.1790, 0.3818, 0.4090**, and if you desaturate by 10%, it is **35.5560, 0.3465, 0.3699**.

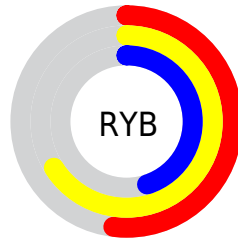
Distribution



Red (66%)

Green (62%)

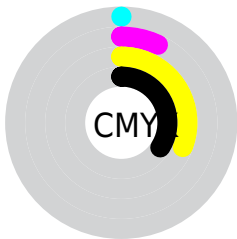
Blue (45%)



Red (52%)

Yellow (66%)

Blue (45%)

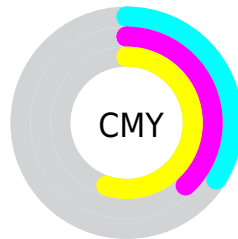


Cyan (0%)

Magenta (7%)

Yellow (31%)

Black (34%)



Cyan (34%)


Magenta (38%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.8099, 0.3639, 0.3897 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 33.8099, 0.3639, 0.3897 by changing the saturation by 10% instead.


 33.8099, 0.3639,
0.3897


 33.8099, 0.3639,
0.3897

319.2836, 0.3372,
0.3578


 22.7476, 0.3708,
0.3981


 65.6379, 0.3540,
0.3778

 14.4072, 0.3798,
0.4091


 87.1725, 0.3503,
0.3734

 8.4045, 0.3917,
0.4239

 112.9665, 0.3473,
0.3697

 4.3548, 0.4082,
0.4449

143.4045, 0.3447,
0.3666

 1.8740, 0.4539,
0.5004

178.8708, 0.3424,
0.3639

 0.5327, 0.4614,
0.5386

219.7498, 0.3405,

 0.0000, 0.0000,

0.3616

0.0000

266.4259, 0.3388,
0.3596

■ 33.8099, 0.3639,
0.3897

■ 33.8099, 0.3639,
0.3897

■ 32.1790, 0.3818,
0.4090

■ 35.5560, 0.3465,
0.3699

■ 30.6544, 0.3998,
0.4271

■ 37.4166, 0.3300,
0.3504

■ 29.2330, 0.4172,
0.4429

■ 39.3969, 0.3147,
0.3315

■ 27.9097, 0.4331,
0.4555

■ 41.5005, 0.3007,
0.3137

■ 26.6787, 0.4468,
0.4640

■ 43.7306, 0.2879,
0.2969

■ 25.5333, 0.4578,
0.4680

■ 46.0905, 0.2763,
0.2815

■ 24.6019, 0.4656,
0.4685

■ 48.5832, 0.2659,
0.2672

■ 51.2115, 0.2566,
0.2542

■ 53.1067, 0.2551,
0.2549

Harmonies

Analogous

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



33.8099, 0.3826, 0.3705



33.8099, 0.3639, 0.3897



33.8099, 0.3319, 0.3926

Triad

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



33.8099, 0.3639, 0.3897



33.8099, 0.2483, 0.3091



33.8099, 0.3268, 0.2884

Complementary

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



33.8099, 0.3639, 0.3897



22.0094, 0.2606, 0.2598

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.



33.8099, 0.2906, 0.2732



33.8099, 0.3639, 0.3897



33.8099, 0.2471, 0.2831

Square

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



33.8099, 0.3639, 0.3897



33.8099, 0.2658, 0.3435



33.8099, 0.2620, 0.2708



33.8099, 0.3608, 0.3131

Rectangle

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



33.8099, 0.3639, 0.3897



33.8099, 0.3078, 0.3832



33.8099, 0.2620, 0.2708



33.8099, 0.3144, 0.2821

Sweetspot

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



33.8114, 0.3639, 0.3897



67.7720, 0.3265, 0.3461



22.4890, 0.3659, 0.3102



14.6654, 0.3287, 0.3488



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.



33.8114, 0.3639, 0.3897



58.3946, 0.3770, 0.4039



36.5944, 0.3450, 0.4094



8.4815, 0.3267, 0.3464



18.4168, 0.4650, 0.4690



0.5171, 0.4473, 0.4831

Inverse Universe

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



22.0094, 0.2606, 0.2598



33.7474, 0.2470, 0.2405



20.1054, 0.2728, 0.2423



7.5658, 0.2986, 0.3110



3.2494, 0.1575, 0.0868



0.1522, 0.1743, 0.1474

Previews

White Background



This preview shows how the Yxy color 33.8099, 0.3639, 0.3897 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 33.8099, 0.3639, 0.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

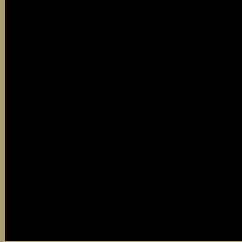
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

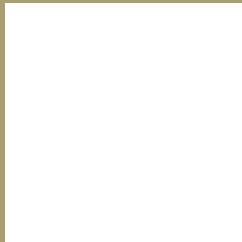
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.8099, 0.3639, 0.3897

Background



This preview shows how black text looks on a background with the Yxy color 33.8099, 0.3639, 0.3897.



This preview shows how white text looks on a background with the Yxy color 33.8099, 0.3639, 0.3897.

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

33.8099, 0.3639, 0.3897

Protanopia

33.8099, 0.3639, 0.3897

Deuteranopia

33.8567, 0.3839, 0.3765



Tritanopia

33.7762, 0.3246, 0.3121

Trichromacy



Original Color

33.8099, 0.3639, 0.3897

Protanomaly

33.8099, 0.3639, 0.3897

Deuteranomaly

33.7701, 0.3765, 0.3804

Tritanomaly

33.6284, 0.3389, 0.3392

Monochromacy



Original Color

33.8099, 0.3639, 0.3897

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.2771, 0.3317, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8099, 0.3639, 0.3897 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, 157, 116)` looks like.

```
.text, #text, p{  
    color:rgb(169, 157, 116)  
}
```

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, 157, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 157, 116) }
```

Border

The CSS property to change the border of an element to Yxy 33.8099, 0.3639, 0.3897 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, 157, 116) }
```

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

```
.border{ border-color:rgb(169, 157, 116) }
```

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

Here you see how a box with a 4 pixel rgb(169, 157, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 157, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 157, 116);  
box-shadow:4px 4px 4px 4px rgb(169, 157,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8099, 0.3639, 0.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 157, 116) }
```

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

```
.background{ background-color: rgb(169,  
157, 116) }
```

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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