

Converting Colors

$Yxy(33.0355, 0.3945, 0.4437)$

Have a look what the booklet for
Yxy(33.0355, 0.3945, 0.4437)
contains.

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Color

Yxy(33.2193, 0.3948, 0.4440)

Conversions

Conversions Part 1

Format	Color
Hex	A79E4E
RGB	167, 158, 78
RGB Percent	65%, 62%, 31%
CMY	0.3451, 0.3804, 0.6942
CMYK	0.00, 0.05, 0.53, 0.35
HSL	54°, 36%, 48%
HSV	54°, 53%, 65%
XYZ	29.5382, 33.2193, 12.0607
YIQ	151.5710, 31.0440, -22.9720

Conversions

Conversions Part 2

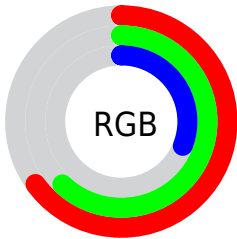
Format	Color
RYB	88, 167, 78
Decimal	10985038
CIELab	64.34, -7.61, 42.46
CIELCh	64, 43.139, 100.158
Yxy	33.2193, 0.3948, 0.4440
Android (android.graphics.Color)	4289175118 (0xFFA79E4E)
YUV	151.5710, -36.2705, 13.5312
Hunter-Lab	57.6362, -9.3830, 27.9386

Details

The Yxy color **33.2193, 0.3948, 0.4440** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.2237, 0.2155, 0.1788**, and the grayscale version is **31.3544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5192, 0.3809, 0.4219**, and **14.1099, 0.4153, 0.4773** is the 20% darker color. If you saturate the color by 10%, you get **32.4391, 0.4082, 0.4610**, and if you desaturate by 10%, it is **34.0714, 0.3799, 0.4243**.

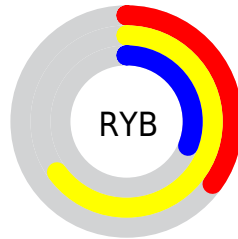
Distribution



Red (65%)

Green (62%)

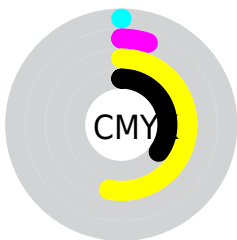
Blue (31%)



Red (35%)

Yellow (65%)

Blue (31%)

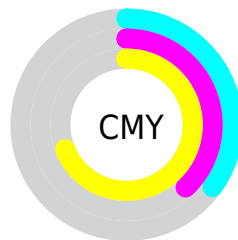


Cyan (0%)

Magenta (5%)

Yellow (53%)

Black (35%)



Cyan (35%)


Magenta (38%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2193, 0.3948, 0.4440 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 33.2193, 0.3948, 0.4440 by changing the saturation by 10% instead.


 33.2193, 0.3948,
0.4440


 33.2193, 0.3948,
0.4440


316.6368, 0.3539,
0.3842


 22.2945, 0.4041,
0.4588


 64.7178, 0.3804,
0.4221


 14.0735, 0.4150,
0.4773


 86.0602, 0.3748,
0.4139


 8.1718, 0.4272,
0.5002


 111.6440, 0.3701,
0.4070

 4.2051, 0.4539,
0.5461

 141.8535, 0.3659,
0.4011

 1.7889, 0.4426,
0.5574

 177.0731, 0.3623,
0.3960

 0.4803, 0.3605,
0.6395

217.6873, 0.3592,

 0.0000, 0.0000,

0.3915

0.0000

264.0804, 0.3564,
0.3877

■ 33.2193, 0.3948,
0.4440

■ 33.2193, 0.3948,
0.4440

■ 32.4391, 0.4082,
0.4610

■ 34.0714, 0.3799,
0.4243

■ 31.7213, 0.4197,
0.4744

■ 34.9948, 0.3642,
0.4028

■ 31.0621, 0.4286,
0.4836

■ 35.9952, 0.3483,
0.3805

■ 30.4550, 0.4349,
0.4886

■ 37.0759, 0.3326,
0.3580

■ 30.0673, 0.4381,
0.4904

■ 38.2404, 0.3175,
0.3361

■ 39.4917, 0.3033,
0.3151

■ 40.8328, 0.2901,
0.2953

■ 42.2665, 0.2780,
0.2769

■ 43.7955, 0.2669,
0.2600

Harmonies

Analogous

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



33.2193, 0.4373, 0.4063



33.2193, 0.3948, 0.4440



33.2193, 0.3329, 0.4502

Triad

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



33.2193, 0.3948, 0.4440



33.2193, 0.1961, 0.2786



33.2193, 0.3490, 0.2634

Complementary

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



33.2193, 0.3948, 0.4440



11.2237, 0.2155, 0.1788

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.



33.2193, 0.2810, 0.2345



33.2193, 0.3948, 0.4440



33.2193, 0.1993, 0.2388

Square

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



33.2193, 0.3948, 0.4440



33.2193, 0.2198, 0.3424



33.2193, 0.2283, 0.2251



33.2193, 0.4120, 0.3064

Rectangle

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



33.2193, 0.3948, 0.4440



33.2193, 0.2893, 0.4289



33.2193, 0.2283, 0.2251



33.2193, 0.3257, 0.2518

Sweetspot

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



33.2208, 0.3948, 0.4440



65.8055, 0.3372, 0.3647



14.3739, 0.4460, 0.3137



14.6400, 0.3403, 0.3691



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.



33.2208, 0.3948, 0.4440



57.8481, 0.4105, 0.4638



33.1645, 0.3534, 0.4717



8.6423, 0.3264, 0.3491



23.0484, 0.4379, 0.4905



0.5966, 0.4310, 0.4960

Inverse Universe

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



11.2237, 0.2155, 0.1788



14.2808, 0.1928, 0.1415



11.6896, 0.2483, 0.1770



7.4180, 0.2986, 0.3081



2.4751, 0.1524, 0.0685



0.0967, 0.1619, 0.1028

Previews

White Background



This preview shows how the Yxy color 33.2193, 0.3948, 0.4440 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 33.2193, 0.3948, 0.4440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

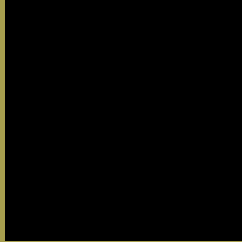
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2193, 0.3948, 0.4440

Background



This preview shows how black text looks on a background with the Yxy color 33.2193, 0.3948, 0.4440.



This preview shows how white text looks on a background with the Yxy color 33.2193, 0.3948, 0.4440.

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

33.2193, 0.3948, 0.4440

Protanopia

33.0834, 0.4025, 0.4403

Deuteranopia

33.2805, 0.4272, 0.4189



Tritanopia

33.1821, 0.3279, 0.3121

Trichromacy



Original Color

33.2193, 0.3948, 0.4440

Protanomaly

33.1958, 0.3996, 0.4425

Deuteranomaly

33.0883, 0.4159, 0.4278

Tritanomaly

32.8658, 0.3541, 0.3599

Monochromacy



Original Color

33.2193, 0.3948, 0.4440

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.7600, 0.3434, 0.3740

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2193, 0.3948, 0.4440 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(167, 158, 78)` looks like.

```
.text, #text, p{  
    color:rgb(167, 158, 78)  
}
```

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(167, 158, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 158, 78) }
```

Border

The CSS property to change the border of an element to Yxy 33.2193, 0.3948, 0.4440 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(167, 158, 78) }
```

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

```
.border{ border-color:rgb(167, 158, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 158, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 158, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 158, 78);  
box-shadow:4px 4px 4px 4px rgb(167, 158,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2193, 0.3948, 0.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 158, 78) }
```

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

```
.background{ background-color: rgb(167,  
158, 78) }
```

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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