

Converting Colors

$Yxy(33.1874, 0.3381, 0.3378)$

Have a look what the booklet for
Yxy(33.1874, 0.3381, 0.3378)
contains.

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Color

Yxy(33.1897, 0.3380, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	AB9892
RGB	171, 152, 146
RGB Percent	67%, 60%, 57%
CMY	0.3295, 0.4039, 0.4274
CMYK	0.00, 0.11, 0.15, 0.33
HSL	14°, 13%, 62%
HSV	14°, 15%, 67%
XYZ	33.2094, 33.1897, 31.8535
YIQ	156.9970, 13.2500, 2.1620

Conversions

Conversions Part 2

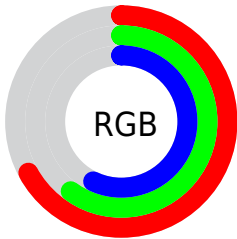
Format	Color
RYB	171, 154, 146
Decimal	11245714
CIELab	64.31, 5.98, 5.70
CIELCh	64, 8.265, 43.642
Yxy	33.1897, 0.3380, 0.3378
Android (android.graphics.Color)	4289435794 (0xFFAB9892)
YUV	156.9970, -5.4215, 12.2806
Hunter-Lab	57.6105, 2.0773, 7.5453

Details

The Yxy color **33.1897, 0.3380, 0.3378** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9575, 0.2907, 0.3200**, and the grayscale version is **33.7362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4815, 0.3325, 0.3357**, and **14.0738, 0.3466, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **28.7090, 0.3595, 0.3443**, and if you desaturate by 10%, it is **38.2150, 0.3200, 0.3317**.

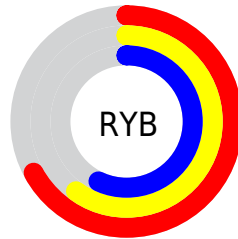
Distribution



Red (67%)

Green (60%)

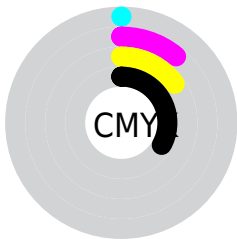
Blue (57%)



Red (67%)

Yellow (60%)

Blue (57%)

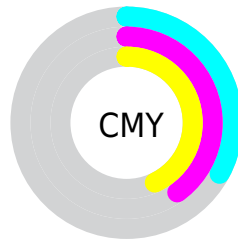


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (33%)



Cyan (33%)


Magenta (40%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1897, 0.3380, 0.3378 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 33.1897, 0.3380, 0.3378 by changing the saturation by 10% instead.

 33.1897, 0.3380,
0.3378

 33.1897, 0.3380,
0.3378


316.5037, 0.3246,
0.3333

 22.2718, 0.3416,
0.3390


 64.6716, 0.3329,
0.3361

 14.0568, 0.3465,
0.3405


 86.0044, 0.3311,
0.3355

 8.1602, 0.3533,
0.3426

111.5776, 0.3295,
0.3350

 4.1976, 0.3635,
0.3455

141.7756, 0.3282,
0.3345

 1.7847, 0.3805,
0.3500

176.9828, 0.3271,
0.3342

 0.4776, 0.5005,
0.3984


217.5836, 0.3262,

 0.0000, 0.0000,

0.3338


0.0000


263.9624, 0.3253,
0.3335


 33.1897, 0.3380,
0.3378


 33.1897, 0.3380,
0.3378

 28.7090, 0.3595,
0.3443


 38.2150, 0.3200,
0.3317


 24.7500, 0.3852,
0.3509


 43.7979, 0.3049,
0.3260


 21.2949, 0.4152,
0.3572

 49.9564, 0.2924,
0.3208

 18.3230, 0.4497,
0.3627

 56.7066, 0.2818,
0.3160

 15.8123, 0.4876,
0.3666

 64.0638, 0.2729,
0.3117

■ 13.7390, 0.5269,
0.3677

■ 72.0427, 0.2653,
0.3078

■ 12.0767, 0.5640,
0.3651

■ 79.9492, 0.2640,
0.3156

■ 10.7964, 0.5947,
0.3586

■ 87.3964, 0.2657,
0.3289

■ 10.2469, 0.6089,
0.3548

Harmonies

Analogous

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



33.1897, 0.3326, 0.3266



33.1897, 0.3380, 0.3378



33.1897, 0.3365, 0.3470

Triad

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



33.1897, 0.3380, 0.3378



33.1897, 0.3035, 0.3423



33.1897, 0.2969, 0.3071

Complementary

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



33.1897, 0.3380, 0.3378



35.9575, 0.2907, 0.3200

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.



33.1897, 0.2894, 0.3107



33.1897, 0.3380, 0.3378



33.1897, 0.2932, 0.3310

Square

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



33.1897, 0.3380, 0.3378



33.1897, 0.3164, 0.3499



33.1897, 0.2881, 0.3194



33.1897, 0.3086, 0.3092

Rectangle

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



33.1897, 0.3380, 0.3378



33.1897, 0.3318, 0.3507



33.1897, 0.2881, 0.3194



33.1897, 0.2938, 0.3077

Sweetspot

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



33.1912, 0.3380, 0.3378



68.9643, 0.3191, 0.3314



31.9395, 0.3200, 0.3017



15.2227, 0.3203, 0.3318



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



33.1912, 0.3380, 0.3378



56.3634, 0.3456, 0.3402



37.3998, 0.3355, 0.3553



8.3161, 0.3281, 0.3345



7.7967, 0.6072, 0.3561



0.3012, 0.5496, 0.4018

Inverse Universe

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



35.9575, 0.2907, 0.3200



62.4175, 0.2851, 0.3176



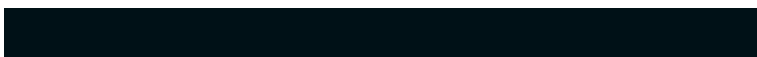
31.7262, 0.2900, 0.3013



8.7412, 0.2986, 0.3234



14.3226, 0.2030, 0.2508



0.4763, 0.2103, 0.2771

Previews

White Background



This preview shows how the Yxy color 33.1897, 0.3380, 0.3378 looks on a white background.

Color Contrast Check

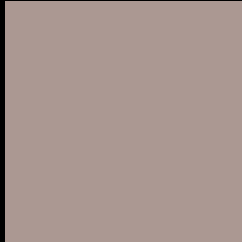
Large Text (above 18pt) WCAG AA × Fail

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 33.1897, 0.3380, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

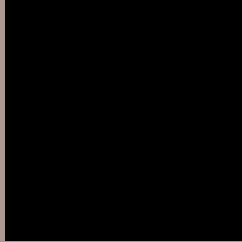
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1897, 0.3380, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 33.1897, 0.3380, 0.3378.



This preview shows how white text looks on a background with the Yxy color 33.1897, 0.3380, 0.3378.

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

33.1897, 0.3380, 0.3378

Protanopia

33.1579, 0.3252, 0.3395

Deuteranopia

33.3225, 0.3424, 0.3363



Tritanopia

33.2701, 0.3257, 0.3134

Trichromacy



Original Color

33.1897, 0.3380, 0.3378

Protanomaly

33.2171, 0.3304, 0.3394

Deuteranomaly

33.2072, 0.3414, 0.3363

Tritanomaly

33.3042, 0.3294, 0.3219

Monochromacy



Original Color

33.1897, 0.3380, 0.3378

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.4240, 0.3215, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1897, 0.3380, 0.3378 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(171, 152, 146)` looks like.

```
.text, #text, p{  
    color:rgb(171, 152, 146)  
}
```

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(171, 152, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 152, 146) }
```

Border

The CSS property to change the border of an element to Yxy 33.1897, 0.3380, 0.3378 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(171, 152, 146) }
```

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

```
.border{ border-color:rgb(171, 152, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 152, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 152, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 152, 146);  
box-shadow:4px 4px 4px 4px rgb(171, 152,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1897, 0.3380, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 152, 146) }
```

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

```
.background{ background-color: rgb(171,  
152, 146) }
```

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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