

Converting Colors

$Yxy(33.0333, 0.3724, 0.3881)$

Have a look what the booklet for
Yxy(33.0333, 0.3724, 0.3881)
contains.

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Color

Yxy(33.1877, 0.3724, 0.3890)

Conversions

Conversions Part 1

Format	Color
Hex	AD9A71
RGB	173, 154, 113
RGB Percent	68%, 60%, 44%
CMY	0.3215, 0.3961, 0.5568
CMYK	0.00, 0.11, 0.35, 0.32
HSL	41°, 27%, 56%
HSV	41°, 35%, 68%
XYZ	31.7715, 33.1877, 20.3563
YIQ	155.0070, 24.4850, -8.7230

Conversions

Conversions Part 2

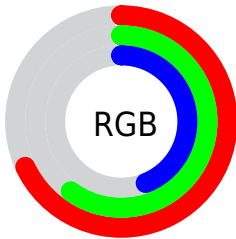
Format	Color
RYB	141, 173, 113
Decimal	11377265
CIELab	64.31, 0.83, 24.11
CIElCh	64, 24.124, 88.027
Yxy	33.1877, 0.3724, 0.3890
Android (android.graphics.Color)	4289567345 (0xFFAD9A71)
YUV	155.0070, -20.7095, 15.7799
Hunter-Lab	57.6088, -2.3719, 19.3758

Details

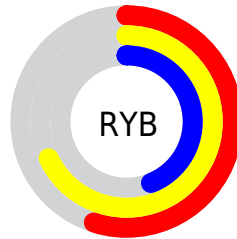
The Yxy color **33.1877, 0.3724, 0.3890** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.0355, 0.2556, 0.2605**, and the grayscale version is **32.8682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4864, 0.3607, 0.3772**, and **14.0752, 0.3913, 0.4065** is the 20% darker color. If you saturate the color by 10%, you get **31.0678, 0.3923, 0.4062**, and if you desaturate by 10%, it is **35.4675, 0.3535, 0.3713**.

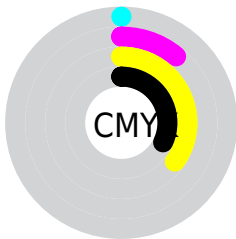
Distribution



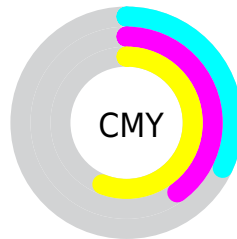
- Red (68%)
- Green (60%)
- Blue (44%)



- Red (55%)
- Yellow (68%)
- Blue (44%)



- Cyan (0%)
- Magenta (11%)
- Yellow (35%)
- Black (32%)





- Cyan (32%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1877, 0.3724, 0.3890 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 33.1877, 0.3724, 0.3890 by changing the saturation by 10% instead.


 33.1877, 0.3724,
0.3890


 33.1877, 0.3724,
0.3890


316.4947, 0.3411,
0.3577

 22.2703, 0.3806,
0.3971


 64.6685, 0.3607,
0.3774

 14.0556, 0.3912,
0.4076


 86.0006, 0.3564,
0.3731

 8.1594, 0.4054,
0.4217

 111.5731, 0.3529,
0.3695

 4.1971, 0.4252,
0.4410

 141.7703, 0.3498,
0.3664

 1.7844, 0.4866,
0.5023

176.9767, 0.3472,
0.3638

 0.4774, 0.4982,
0.5018

217.5766, 0.3449,

 0.0000, 0.0000,

0.3615

0.0000

263.9545, 0.3429,
0.3595

■ 33.1877, 0.3724,
0.3890

■ 33.1877, 0.3724,
0.3890

■ 31.0678, 0.3923,
0.4062

■ 35.4675, 0.3535,
0.3713

■ 29.0980, 0.4127,
0.4220

■ 37.9077, 0.3359,
0.3537

■ 27.2740, 0.4327,
0.4354

■ 40.5144, 0.3197,
0.3367

■ 25.5895, 0.4515,
0.4452

■ 43.2921, 0.3051,
0.3205

■ 24.0372, 0.4681,
0.4507

■ 46.2450, 0.2920,
0.3055

■ 22.6087, 0.4818,
0.4513

■ 49.3771, 0.2803,
0.2915

■ 21.8896, 0.4884,
0.4504

■ 52.6923, 0.2698,
0.2786

■ 56.1943, 0.2605,
0.2668

■ 58.9716, 0.2594,
0.2697

Harmonies

Analogous

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



33.1877, 0.3876, 0.3658



33.1877, 0.3724, 0.3890



33.1877, 0.3413, 0.3968

Triad

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



33.1877, 0.3724, 0.3890



33.1877, 0.2483, 0.3160



33.1877, 0.3183, 0.2818

Complementary

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



33.1877, 0.3724, 0.3890



23.0355, 0.2556, 0.2605

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.



33.1877, 0.2815, 0.2689



33.1877, 0.3724, 0.3890



33.1877, 0.2429, 0.2861

Square

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



33.1877, 0.3724, 0.3890



33.1877, 0.2700, 0.3528



33.1877, 0.2546, 0.2698



33.1877, 0.3555, 0.3056

Rectangle

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



33.1877, 0.3724, 0.3890



33.1877, 0.3164, 0.3905



33.1877, 0.2546, 0.2698



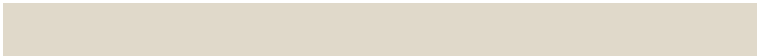
33.1877, 0.3054, 0.2761

Sweetspot

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



33.1892, 0.3724, 0.3890



69.9497, 0.3284, 0.3459



22.3911, 0.3658, 0.2992



15.0651, 0.3306, 0.3482



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.



33.1892, 0.3724, 0.3890



56.3531, 0.3884, 0.4029



38.8701, 0.3541, 0.4167



8.8957, 0.3270, 0.3444



16.1855, 0.4875, 0.4511



0.5427, 0.4624, 0.4710

Inverse Universe

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



23.0355, 0.2556, 0.2605



35.3059, 0.2412, 0.2412



19.0412, 0.2613, 0.2301



8.1559, 0.2986, 0.3131



4.3027, 0.1629, 0.1065



0.2195, 0.1806, 0.1701

Previews

White Background



This preview shows how the Yxy color 33.1877, 0.3724, 0.3890 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 33.1877, 0.3724, 0.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

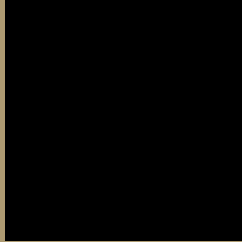
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1877, 0.3724, 0.3890

Background



This preview shows how black text looks on a background with the Yxy color 33.1877, 0.3724, 0.3890.



This preview shows how white text looks on a background with the Yxy color 33.1877, 0.3724, 0.3890.

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

33.1877, 0.3724, 0.3890

Protanopia

33.3167, 0.3651, 0.3915

Deuteranopia

33.0241, 0.3870, 0.3782



Tritanopia

33.1480, 0.3331, 0.3136

Trichromacy



Original Color

33.1877, 0.3724, 0.3890

Protanomaly

33.2036, 0.3677, 0.3896

Deuteranomaly

33.1719, 0.3816, 0.3817

Tritanomaly

32.9958, 0.3478, 0.3406

Monochromacy



Original Color

33.1877, 0.3724, 0.3890

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.0175, 0.3339, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1877, 0.3724, 0.3890 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(173, 154, 113)` looks like.

```
.text, #text, p{  
    color:rgb(173, 154, 113)  
}
```

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(173, 154, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 154, 113) }
```

Border

The CSS property to change the border of an element to Yxy 33.1877, 0.3724, 0.3890 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(173, 154, 113) }
```

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

```
.border{ border-color:rgb(173, 154, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 154, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 154, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 154, 113);  
box-shadow:4px 4px 4px 4px rgb(173, 154,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1877, 0.3724, 0.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 154, 113) }
```

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

```
.background{ background-color: rgb(173,  
154, 113) }
```

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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