

Converting Colors

$Yxy(33.2087, 0.3866, 0.4142)$

Have a look what the booklet for
Yxy(33.2087, 0.3866, 0.4142)
contains.

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Color

Yxy(33.0764, 0.3860, 0.4133)

Conversions

Conversions Part 1

Format	Color
Hex	AC9B61
RGB	172, 155, 97
RGB Percent	67%, 61%, 38%
CMY	0.3255, 0.3921, 0.6197
CMYK	0.00, 0.10, 0.44, 0.33
HSL	46°, 31%, 53%
HSV	46°, 44%, 67%
XYZ	30.8916, 33.0764, 16.0620
YIQ	153.4710, 28.7500, -14.4340

Conversions

Conversions Part 2

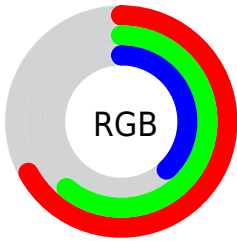
Format	Color
RYB	119, 172, 97
Decimal	11311969
CIELab	64.22, -2.02, 32.64
CIELCh	64, 32.701, 93.534
Yxy	33.0764, 0.3860, 0.4133
Android (android.graphics.Color)	4289502049 (0xFFAC9B61)
YUV	153.4710, -27.8402, 16.2499
Hunter-Lab	57.5121, -4.7681, 23.6999

Details

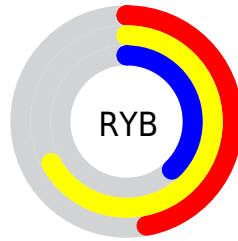
The Yxy color **33.0764, 0.3860, 0.4133** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.5495, 0.2376, 0.2268**, and the grayscale version is **32.1860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3971, 0.3729, 0.3972**, and **13.9739, 0.4072, 0.4385** is the 20% darker color. If you saturate the color by 10%, you get **31.5149, 0.4039, 0.4310**, and if you desaturate by 10%, it is **34.7523, 0.3680, 0.3942**.

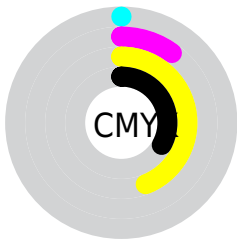
Distribution



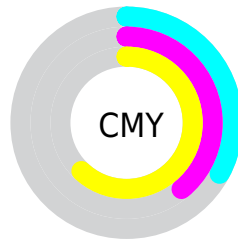
- Red (67%)
- Green (61%)
- Blue (38%)



- Red (47%)
- Yellow (67%)
- Blue (38%)



- Cyan (0%)
- Magenta (10%)
- Yellow (44%)
- Black (33%)



- Cyan (33%)
- Magenta (39%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0764, 0.3860, 0.4133 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 33.0764, 0.3860, 0.4133 by changing the saturation by 10% instead.


 33.0764, 0.3860,
0.4133

 33.0764, 0.3860,
0.4133


315.9939, 0.3482,
0.3694

 22.1850, 0.3954,
0.4245


 64.4948, 0.3722,
0.3971

 13.9929, 0.4073,
0.4387


 85.7905, 0.3670,
0.3911

 8.1157, 0.4225,
0.4571

 111.3232, 0.3626,
0.3860

 4.1691, 0.4432,
0.4829

 141.4772, 0.3589,
0.3817

 1.7686, 0.4756,
0.5244

176.6368, 0.3557,
0.3780

 0.4675, 0.4581,
0.5419

217.1865, 0.3529,

 0.0000, 0.0000,

0.3747

0.0000

263.5108, 0.3504,
0.3719

■ 33.0764, 0.3860,
0.4133

■ 33.0764, 0.3860,
0.4133

■ 31.5149, 0.4039,
0.4310

■ 34.7523, 0.3680,
0.3942

■ 30.0584, 0.4210,
0.4461

■ 36.5427, 0.3504,
0.3744

■ 28.7030, 0.4365,
0.4579

■ 38.4532, 0.3337,
0.3547

■ 27.4423, 0.4497,
0.4654

■ 40.4877, 0.3181,
0.3357

■ 26.2689, 0.4600,
0.4682

■ 42.6500, 0.3037,
0.3175

■ 25.5548, 0.4657,
0.4684

■ 44.9435, 0.2906,
0.3005

■ 47.3717, 0.2788,
0.2848

■ 49.9376, 0.2681,
0.2702

■ 52.6444, 0.2585,
0.2569

Harmonies

Analogous

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



33.0764, 0.4123, 0.3832



33.0764, 0.3860, 0.4133



33.0764, 0.3410, 0.4214

Triad

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



33.0764, 0.3860, 0.4133



33.0764, 0.2240, 0.3015



33.0764, 0.3293, 0.2715

Complementary

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



33.0764, 0.3860, 0.4133



17.5495, 0.2376, 0.2268

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.



33.0764, 0.2786, 0.2516



33.0764, 0.3860, 0.4133



33.0764, 0.2214, 0.2651

Square

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



33.0764, 0.3860, 0.4133



33.0764, 0.2483, 0.3517



33.0764, 0.2404, 0.2486



33.0764, 0.3789, 0.3042

Rectangle

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



33.0764, 0.3860, 0.4133



33.0764, 0.3071, 0.4097



33.0764, 0.2404, 0.2486



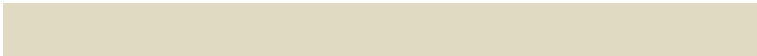
33.0764, 0.3117, 0.2632

Sweetspot

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



33.0779, 0.3860, 0.4133



69.8964, 0.3330, 0.3540



18.5437, 0.3975, 0.3027



15.0237, 0.3365, 0.3582



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.



33.0779, 0.3860, 0.4133



57.3601, 0.4027, 0.4298



37.0425, 0.3564, 0.4421



9.0178, 0.3268, 0.3464



19.1023, 0.4651, 0.4689



0.6061, 0.4488, 0.4819

Inverse Universe

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



17.5495, 0.2376, 0.2268



25.6645, 0.2201, 0.2003



15.3069, 0.2529, 0.2032



8.0407, 0.2986, 0.3109



3.3654, 0.1574, 0.0866



0.1745, 0.1732, 0.1436

Previews

White Background



This preview shows how the Yxy color 33.0764, 0.3860, 0.4133 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 33.0764, 0.3860, 0.4133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

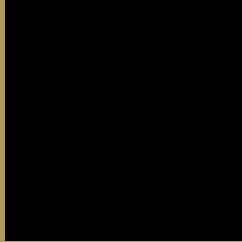
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0764, 0.3860, 0.4133

Background



This preview shows how black text looks on a background with the Yxy color 33.0764, 0.3860, 0.4133.



This preview shows how white text looks on a background with the Yxy color 33.0764, 0.3860, 0.4133.

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

33.0764, 0.3860, 0.4133

Protanopia

33.1860, 0.3832, 0.4153

Deuteranopia

33.0681, 0.4063, 0.3988



Tritanopia

32.8356, 0.3333, 0.3122

Trichromacy



Original Color

33.0764, 0.3860, 0.4133

Protanomaly

33.2979, 0.3843, 0.4149

Deuteranomaly

32.9601, 0.3984, 0.4033

Tritanomaly

32.8204, 0.3540, 0.3493

Monochromacy



Original Color

33.0764, 0.3860, 0.4133

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.2782, 0.3388, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0764, 0.3860, 0.4133 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(172, 155, 97)` looks like.

```
.text, #text, p{  
    color:rgb(172, 155, 97)  
}
```

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(172, 155, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 155, 97) }
```

Border

The CSS property to change the border of an element to Yxy 33.0764, 0.3860, 0.4133 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(172, 155, 97) }
```

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

```
.border{ border-color:rgb(172, 155, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 155, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 155, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 155, 97);  
box-shadow:4px 4px 4px 4px rgb(172, 155,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0764, 0.3860, 0.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 155, 97) }
```

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

```
.background{ background-color: rgb(172,  
155, 97) }
```

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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