

Converting Colors

$Yxy(33.0164, 0.3563, 0.3786)$

Have a look what the booklet for
Yxy(33.0164, 0.3563, 0.3786)
contains.

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Color

Yxy(33.0633, 0.3567, 0.3784)

Conversions

Conversions Part 1

Format	Color
Hex	A79B7A
RGB	167, 155, 122
RGB Percent	65%, 61%, 48%
CMY	0.3452, 0.3921, 0.5216
CMYK	0.00, 0.07, 0.27, 0.35
HSL	44°, 20%, 57%
HSV	44°, 27%, 65%
XYZ	31.1672, 33.0633, 23.1461
YIQ	154.8260, 17.7450, -7.7190

Conversions

Conversions Part 2

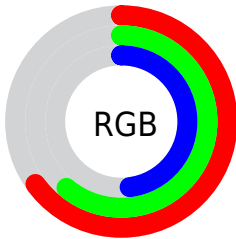
Format	Color
RYB	138, 167, 122
Decimal	10984314
CIELab	64.21, -0.95, 18.93
CIElCh	64, 18.958, 92.874
Yxy	33.0633, 0.3567, 0.3784
Android (android.graphics.Color)	4289174394 (0xFFA79B7A)
YUV	154.8260, -16.1832, 10.6766
Hunter-Lab	57.5007, -3.8735, 16.3842

Details

The Yxy color **33.0633, 0.3567, 0.3784** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.9646, 0.2690, 0.2741**, and the grayscale version is **32.7638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3840, 0.3481, 0.3676**, and **13.9591, 0.3703, 0.3948** is the 20% darker color. If you saturate the color by 10%, you get **31.2339, 0.3750, 0.3972**, and if you desaturate by 10%, it is **35.0213, 0.3393, 0.3596**.

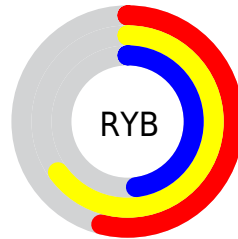
Distribution



Red (65%)

Green (61%)

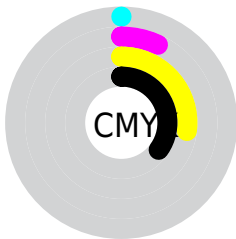
Blue (48%)



Red (54%)

Yellow (65%)

Blue (48%)

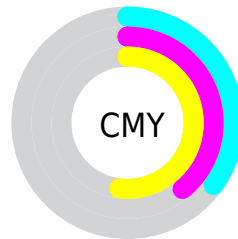


Cyan (0%)

Magenta (7%)

Yellow (27%)

Black (35%)



Cyan (35%)


Magenta (39%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0633, 0.3567, 0.3784 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 33.0633, 0.3567, 0.3784 by changing the saturation by 10% instead.


 33.0633, 0.3567,
0.3784


 33.0633, 0.3567,
0.3784


315.9349, 0.3336,
0.3523


 22.1749, 0.3628,
0.3853


 64.4743, 0.3480,
0.3686

 13.9855, 0.3708,
0.3944


 85.7658, 0.3449,
0.3650

 8.1106, 0.3817,
0.4070


 111.2938, 0.3422,
0.3620

 4.1658, 0.3973,
0.4250

141.4426, 0.3400,
0.3595

 1.7667, 0.4324,
0.4651

176.5968, 0.3380,
0.3573

 0.4663, 0.4739,
0.5261

217.1406, 0.3364,

 0.0000, 0.0000,

0.3554

0.0000

263.4585, 0.3349,
0.3538

■ 33.0633, 0.3567,
0.3784

■ 33.0633, 0.3567,
0.3784

■ 31.2339, 0.3750,
0.3972

■ 35.0213, 0.3393,
0.3596

■ 29.5243, 0.3939,
0.4151

■ 37.1073, 0.3232,
0.3413

■ 27.9315, 0.4127,
0.4314

■ 39.3265, 0.3083,
0.3238

■ 26.4505, 0.4307,
0.4449

■ 41.6825, 0.2949,
0.3073

■ 25.0758, 0.4470,
0.4547

■ 44.1786, 0.2828,
0.2920

■ 23.8011, 0.4609,
0.4601

■ 46.8180, 0.2719,
0.2779

■ 22.6173, 0.4720,
0.4610

■ 49.6038, 0.2621,
0.2649

■ 22.2689, 0.4752,
0.4609

■ 52.5022, 0.2537,
0.2536

■ 54.4638, 0.2544,
0.2590

Harmonies

Analogous

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



33.0633, 0.3708, 0.3623



33.0633, 0.3567, 0.3784



33.0633, 0.3310, 0.3813

Triad

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



33.0633, 0.3567, 0.3784



33.0633, 0.2598, 0.3149



33.0633, 0.3223, 0.2939

Complementary

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



33.0633, 0.3567, 0.3784



23.9646, 0.2690, 0.2741

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.



33.0633, 0.2925, 0.2819



33.0633, 0.3567, 0.3784



33.0633, 0.2577, 0.2925

Square

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



33.0633, 0.3567, 0.3784



33.0633, 0.2755, 0.3432



33.0633, 0.2693, 0.2810



33.0633, 0.3505, 0.3143

Rectangle

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



33.0633, 0.3567, 0.3784



33.0633, 0.3111, 0.3743



33.0633, 0.2693, 0.2810



33.0633, 0.3121, 0.2888

Sweetspot

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



33.0648, 0.3567, 0.3784



66.0111, 0.3250, 0.3434



23.8499, 0.3542, 0.3107



14.6471, 0.3273, 0.3461



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.



33.0648, 0.3567, 0.3784



57.3551, 0.3669, 0.3890



36.1529, 0.3420, 0.3972



8.4310, 0.3268, 0.3455



17.1272, 0.4745, 0.4614



0.4938, 0.4528, 0.4787

Inverse Universe

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



23.9646, 0.2690, 0.2741



38.4523, 0.2589, 0.2606



21.6494, 0.2778, 0.2557



7.6132, 0.2986, 0.3120



3.6093, 0.1597, 0.0949



0.1698, 0.1778, 0.1599

Previews

White Background



This preview shows how the Yxy color 33.0633, 0.3567, 0.3784 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 33.0633, 0.3567, 0.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

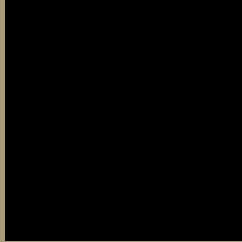
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0633, 0.3567, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 33.0633, 0.3567, 0.3784.



This preview shows how white text looks on a background with the Yxy color 33.0633, 0.3567, 0.3784.

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

33.0633, 0.3567, 0.3784

Protanopia

32.9548, 0.3556, 0.3785

Deuteranopia

32.8700, 0.3743, 0.3661



Tritanopia

33.1566, 0.3246, 0.3133

Trichromacy



Original Color

33.0633, 0.3567, 0.3784

Protanomaly

32.9548, 0.3556, 0.3785

Deuteranomaly

32.9104, 0.3680, 0.3696

Tritanomaly

33.1091, 0.3360, 0.3364

Monochromacy



Original Color

33.0633, 0.3567, 0.3784

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.7968, 0.3279, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0633, 0.3567, 0.3784 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, 155, 122)` looks like.

```
.text, #text, p{  
    color:rgb(167, 155, 122)  
}
```

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, 155, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 155, 122) }
```

Border

The CSS property to change the border of an element to Yxy 33.0633, 0.3567, 0.3784 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, 155, 122) }
```

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

```
.border{ border-color:rgb(167, 155, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 155, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 155, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 155, 122);  
box-shadow:4px 4px 4px 4px rgb(167, 155,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0633, 0.3567, 0.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 155, 122) }
```

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

```
.background{ background-color: rgb(167,  
155, 122) }
```

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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