

Converting Colors

$Y_{xy}(34.1250, 0.3707, 0.3980)$

Have a look what the booklet for
Yxy(34.1250, 0.3707, 0.3980)
contains.

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Color

Yxy(34.2593, 0.3703, 0.3978)

Conversions

Conversions Part 1

Format	Color
Hex	AB9E6F
RGB	171, 158, 111
RGB Percent	67%, 62%, 44%
CMY	0.3294, 0.3804, 0.5647
CMYK	0.00, 0.08, 0.35, 0.33
HSL	47°, 26%, 55%
HSV	47°, 35%, 67%
XYZ	31.8909, 34.2593, 19.9717
YIQ	156.5290, 22.8350, -11.8610

Conversions

Conversions Part 2

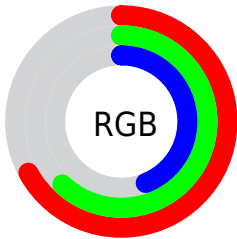
Format	Color
RYB	128, 171, 111
Decimal	11247215
CIELab	65.17, -2.42, 26.31
CIELCh	65, 26.420, 95.259
Yxy	34.2593, 0.3703, 0.3978
Android (android.graphics.Color)	4289437295 (0xFFAB9E6F)
YUV	156.5290, -22.4458, 12.6911
Hunter-Lab	58.5314, -5.1740, 20.7415

Details

The Yxy color **34.2593, 0.3703, 0.3978** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.7358, 0.2536, 0.2490**, and the grayscale version is **33.5902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5637, 0.3591, 0.3850**, and **14.7258, 0.3873, 0.4186** is the 20% darker color. If you saturate the color by 10%, you get **32.6746, 0.3881, 0.4170**, and if you desaturate by 10%, it is **35.9573, 0.3528, 0.3779**.

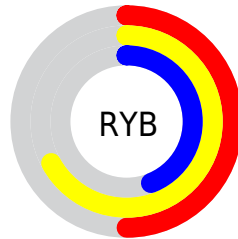
Distribution



Red (67%)

Green (62%)

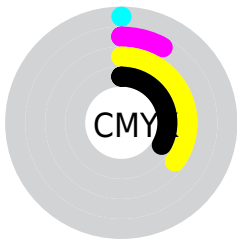
Blue (44%)



Red (50%)

Yellow (67%)

Blue (44%)

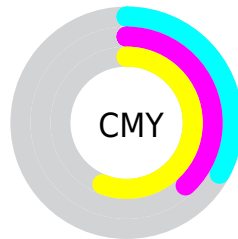


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (33%)



Cyan (33%)


Magenta (38%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2593, 0.3703, 0.3978 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 34.2593, 0.3703, 0.3978 by changing the saturation by 10% instead.


 34.2593, 0.3703,
0.3978


 34.2593, 0.3703,
0.3978


321.2867, 0.3405,
0.3618


 23.0929, 0.3779,
0.4072


 66.3367, 0.3593,
0.3844


 14.6621, 0.3877,
0.4193


 88.0165, 0.3552,
0.3795

 8.5826, 0.4005,
0.4356


 113.9695, 0.3518,
0.3753

 4.4699, 0.4177,
0.4580

 144.5801, 0.3489,
0.3718

 1.9398, 0.4737,
0.5263

180.2327, 0.3463,
0.3688

 0.5721, 0.4586,
0.5414

221.3118, 0.3441,

 0.0000, 0.0000,

0.3661

0.0000

268.2016, 0.3422,
0.3638

■ 34.2593, 0.3703,
0.3978

■ 34.2593, 0.3703,
0.3978

■ 32.6746, 0.3881,
0.4170

■ 35.9573, 0.3528,
0.3779

■ 31.1942, 0.4057,
0.4345

■ 37.7681, 0.3360,
0.3580

■ 29.8146, 0.4223,
0.4494

■ 39.6971, 0.3203,
0.3385

■ 28.5304, 0.4372,
0.4607

■ 41.7479, 0.3057,
0.3200

■ 27.3355, 0.4496,
0.4676

■ 43.9239, 0.2924,
0.3026

■ 26.2221, 0.4591,
0.4700

■ 46.2285, 0.2804,
0.2865

■ 25.6963, 0.4633,
0.4703

■ 48.6648, 0.2696,
0.2716

■ 51.2358, 0.2598,
0.2579

■ 53.2897, 0.2563,
0.2551

Harmonies

Analogous

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



34.2593, 0.3919, 0.3755



34.2593, 0.3703, 0.3978



34.2593, 0.3339, 0.4015

Triad

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



34.2593, 0.3703, 0.3978



34.2593, 0.2401, 0.3058



34.2593, 0.3288, 0.2835

Complementary

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



34.2593, 0.3703, 0.3978



20.7358, 0.2536, 0.2490

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.



34.2593, 0.2877, 0.2664



34.2593, 0.3703, 0.3978



34.2593, 0.2389, 0.2767

Square

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



34.2593, 0.3703, 0.3978



34.2593, 0.2594, 0.3451



34.2593, 0.2556, 0.2634



34.2593, 0.3675, 0.3111

Rectangle

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



34.2593, 0.3703, 0.3978



34.2593, 0.3066, 0.3909



34.2593, 0.2556, 0.2634



34.2593, 0.3147, 0.2764

Sweetspot

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



34.2609, 0.3703, 0.3978



68.9586, 0.3297, 0.3503



21.4833, 0.3761, 0.3094



15.2783, 0.3318, 0.3529



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.



34.2609, 0.3703, 0.3978



59.1662, 0.3840, 0.4126



37.1442, 0.3476, 0.4197



9.0313, 0.3268, 0.3467



19.4502, 0.4628, 0.4707



0.6135, 0.4473, 0.4830

Inverse Universe

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



20.7358, 0.2536, 0.2490



31.3575, 0.2391, 0.2279



18.8997, 0.2680, 0.2309



8.0281, 0.2986, 0.3107



3.2817, 0.1569, 0.0848



0.1696, 0.1724, 0.1405

Previews

White Background



This preview shows how the Yxy color 34.2593, 0.3703, 0.3978 looks on a white background.

Color Contrast Check

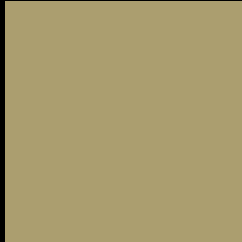
Large Text (above 18pt) WCAG AA × Fail

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 34.2593, 0.3703, 0.3978 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 34.2593, 0.3703, 0.3978

Background



This preview shows how black text looks on a background with the Yxy color 34.2593, 0.3703, 0.3978.



This preview shows how white text looks on a background with the Yxy color 34.2593, 0.3703, 0.3978.

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

34.2593, 0.3703, 0.3978

Protanopia

34.2593, 0.3703, 0.3978

Deuteranopia

33.9944, 0.3912, 0.3829



Tritanopia

34.1247, 0.3277, 0.3123

Trichromacy



Original Color

34.2593, 0.3703, 0.3978

Protanomaly

34.2593, 0.3703, 0.3978

Deuteranomaly

34.2261, 0.3831, 0.3883

Tritanomaly

34.2388, 0.3437, 0.3434

Monochromacy



Original Color

34.2593, 0.3703, 0.3978

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.6888, 0.3335, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2593, 0.3703, 0.3978 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, 158, 111)` looks like.

```
.text, #text, p{  
    color:rgb(171, 158, 111)  
}
```

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, 158, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 158, 111) }
```

Border

The CSS property to change the border of an element to Yxy 34.2593, 0.3703, 0.3978 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, 158, 111) }
```

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

```
.border{ border-color:rgb(171, 158, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 158, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 158, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 158, 111);  
box-shadow:4px 4px 4px 4px rgb(171, 158,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2593, 0.3703, 0.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 158, 111) }
```

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

```
.background{ background-color: rgb(171,  
158, 111) }
```

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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