

Converting Colors

$Yxy(34.1422, 0.3583, 0.3688)$

Have a look what the booklet for
Yxy(34.1422, 0.3583, 0.3688)
contains.

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Color

Yxy(33.9999, 0.3583, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	AE9B80
RGB	174, 155, 128
RGB Percent	68%, 61%, 50%
CMY	0.3176, 0.3922, 0.4981
CMYK	0.00, 0.11, 0.26, 0.32
HSL	35°, 22%, 59%
HSV	35°, 26%, 68%
XYZ	33.0767, 33.9999, 25.2391
YIQ	157.6030, 19.9910, -4.3690

Conversions

Conversions Part 2

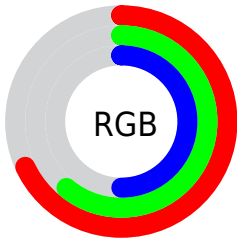
Format	Color
RYB	160, 174, 128
Decimal	11443072
CIELab	64.96, 2.72, 16.73
CIELCh	65, 16.952, 80.775
Yxy	33.9999, 0.3583, 0.3683
Android (android.graphics.Color)	4289633152 (0xFFAE9B80)
YUV	157.6030, -14.5943, 14.3802
Hunter-Lab	58.3094, -0.7852, 15.1530

Details

The Yxy color **33.9999, 0.3583, 0.3683** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.5199, 0.2708, 0.2862**, and the grayscale version is **34.0650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7601, 0.3493, 0.3602**, and **14.5301, 0.3727, 0.3801** is the 20% darker color. If you saturate the color by 10%, you get **31.2583, 0.3790, 0.3838**, and if you desaturate by 10%, it is **36.9658, 0.3395, 0.3530**.

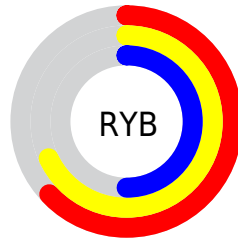
Distribution



Red (68%)

Green (61%)

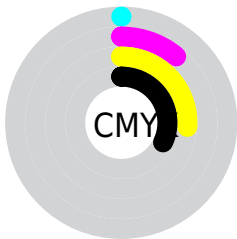
Blue (50%)



Red (63%)

Yellow (68%)

Blue (50%)

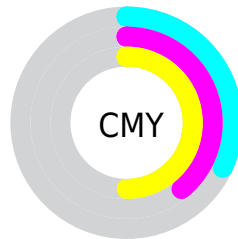


Cyan (0%)

Magenta (11%)

Yellow (26%)

Black (32%)



Cyan (32%)


Magenta (39%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9999, 0.3583, 0.3683 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 33.9999, 0.3583, 0.3683 by changing the saturation by 10% instead.


 33.9999, 0.3583,
0.3683


 33.9999, 0.3583,
0.3683


320.1316, 0.3343,
0.3479


 22.8935, 0.3647,
0.3736


 65.9335, 0.3493,
0.3607

 14.5149, 0.3731,
0.3806


 87.5295, 0.3460,
0.3579

 8.4797, 0.3846,
0.3900

 113.3909, 0.3432,
0.3555

 4.4034, 0.4014,
0.4034

143.9020, 0.3409,
0.3535

 1.9017, 0.4310,
0.4268

179.4472, 0.3389,
0.3518

 0.5494, 0.5172,
0.4828

220.4110, 0.3372,

 0.0000, 0.0000,

0.3503

0.0000

267.1776, 0.3356,
0.3490

■ 33.9999, 0.3583,
0.3683

■ 33.9999, 0.3583,
0.3683

■ 31.2583, 0.3790,
0.3838

■ 36.9658, 0.3395,
0.3530

■ 28.7300, 0.4012,
0.3987

■ 40.1576, 0.3226,
0.3381

■ 26.4095, 0.4245,
0.4122

■ 43.5826, 0.3076,
0.3241

■ 24.2895, 0.4481,
0.4232

■ 47.2464, 0.2943,
0.3110

■ 22.3620, 0.4709,
0.4305

■ 51.1543, 0.2825,
0.2989

■ 20.6177, 0.4915,
0.4331

■ 55.3115, 0.2722,
0.2878

■ 19.0453, 0.5090,
0.4307

■ 59.7229, 0.2631,
0.2776

■ 18.5215, 0.5150,
0.4293

■ 63.5815, 0.2613,
0.2807

■ 67.2709, 0.2623,
0.2891

Harmonies

Analogous

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



33.9999, 0.3651, 0.3508



33.9999, 0.3583, 0.3683



33.9999, 0.3391, 0.3759

Triad

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



33.9999, 0.3583, 0.3683



33.9999, 0.2700, 0.3265



33.9999, 0.3104, 0.2923

Complementary

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



33.9999, 0.3583, 0.3683



28.5199, 0.2708, 0.2862

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.



33.9999, 0.2855, 0.2854



33.9999, 0.3583, 0.3683



33.9999, 0.2630, 0.3038

Square

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



33.9999, 0.3583, 0.3683



33.9999, 0.2881, 0.3513



33.9999, 0.2685, 0.2892



33.9999, 0.3368, 0.3079

Rectangle

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



33.9999, 0.3583, 0.3683



33.9999, 0.3222, 0.3734



33.9999, 0.2685, 0.2892



33.9999, 0.3016, 0.2889

Sweetspot

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



34.0014, 0.3583, 0.3683



71.8115, 0.3253, 0.3406



26.5504, 0.3453, 0.3010



15.7660, 0.3278, 0.3428



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



34.0014, 0.3583, 0.3683



58.5673, 0.3707, 0.3778



40.4067, 0.3482, 0.3946



8.7666, 0.3272, 0.3423



13.5488, 0.5137, 0.4303



0.4814, 0.4782, 0.4585

Inverse Universe

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



28.5199, 0.2708, 0.2862



46.8704, 0.2605, 0.2746



23.3858, 0.2716, 0.2556



8.2807, 0.2986, 0.3153



5.6826, 0.1703, 0.1330



0.2676, 0.1876, 0.1952

Previews

White Background



This preview shows how the Yxy color 33.9999, 0.3583, 0.3683 looks on a white background.

Color Contrast Check

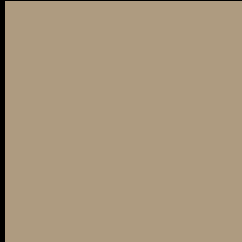
Large Text (above 18pt) WCAG AA × Fail

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 33.9999, 0.3583, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

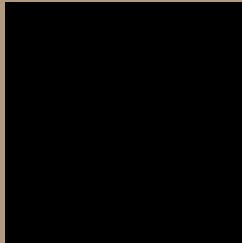
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

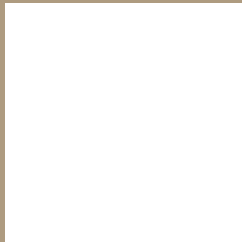
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.9999, 0.3583, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 33.9999, 0.3583, 0.3683.



This preview shows how white text looks on a background with the Yxy color 33.9999, 0.3583, 0.3683.

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

33.9999, 0.3583, 0.3683

Protanopia

33.9144, 0.3492, 0.3706

Deuteranopia

34.1087, 0.3680, 0.3615



Tritanopia

33.8863, 0.3298, 0.3123

Trichromacy



Original Color

33.9999, 0.3583, 0.3683

Protanomaly

33.9080, 0.3527, 0.3688

Deuteranomaly

34.0707, 0.3644, 0.3633

Tritanomaly

34.0056, 0.3403, 0.3319

Monochromacy



Original Color

33.9999, 0.3583, 0.3683

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.1130, 0.3289, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9999, 0.3583, 0.3683 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(174, 155, 128)` looks like.

```
.text, #text, p{  
    color:rgb(174, 155, 128)  
}
```

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(174, 155, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 155, 128) }
```

Border

The CSS property to change the border of an element to Yxy 33.9999, 0.3583, 0.3683 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(174, 155, 128) }
```

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

```
.border{ border-color:rgb(174, 155, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 155, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 155, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 155, 128);  
box-shadow:4px 4px 4px 4px rgb(174, 155,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9999, 0.3583, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 155, 128) }
```

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

```
.background{ background-color: rgb(174,  
155, 128) }
```

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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