

Converting Colors

Yxy(34.9697, 0.3402, 0.3708)

Have a look what the booklet for
Yxy(34.9697, 0.3402, 0.3708)
contains.

Yxy(34.9697, 0.3402, 0.3708)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.9697, 0.3402, 0.3708)

Conversions

Conversions Part 1

Format	Color
Hex	A3A185
RGB	163, 161, 133
RGB Percent	64%, 63%, 52%
CMY	0.3608, 0.3686, 0.4784
CMYK	0.00, 0.01, 0.18, 0.36
HSL	56°, 14%, 58%
HSV	56°, 18%, 64%
XYZ	32.0839, 34.9697, 27.2552
YIQ	158.4060, 10.1800, -8.2840

Conversions

Conversions Part 2

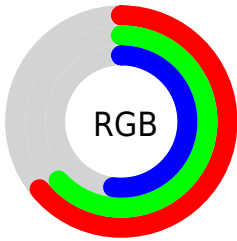
Format	Color
RYB	135, 163, 133
Decimal	10723717
CIELab	65.73, -4.12, 14.86
CIELCh	66, 15.422, 105.511
Yxy	34.9697, 0.3402, 0.3708
Android (android.graphics.Color)	4288913797 (0xFFA3A185)
YUV	158.4060, -12.5252, 4.0289
Hunter-Lab	59.1352, -6.6412, 14.0680

Details

The Yxy color **34.9697, 0.3402, 0.3708** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.9652, 0.2833, 0.2835**, and the grayscale version is **34.4419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5623, 0.3349, 0.3630**, and **15.1559, 0.3490, 0.3863** is the 20% darker color. If you saturate the color by 10%, you get **34.1768, 0.3557, 0.3940**, and if you desaturate by 10%, it is **35.8389, 0.3250, 0.3478**.

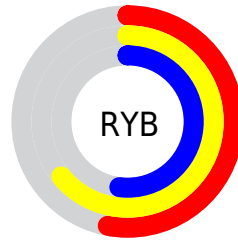
Distribution



Red (64%)

Green (63%)

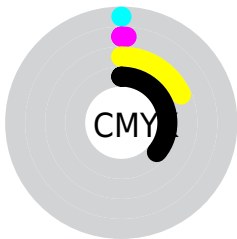
Blue (52%)



Red (53%)

Yellow (64%)

Blue (52%)

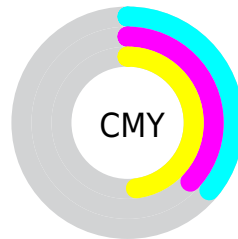


Cyan (0%)

Magenta (1%)

Yellow (18%)

Black (36%)



Cyan (36%)


Magenta (37%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9697, 0.3402, 0.3708 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 34.9697, 0.3402, 0.3708 by changing the saturation by 10% instead.

 34.9697, 0.3402,
0.3708


 34.9697, 0.3402,
0.3708


324.4346, 0.3259,
0.3487

 23.6395, 0.3439,
0.3767


 67.4388, 0.3349,
0.3625

 15.0664, 0.3488,
0.3846

 89.3466, 0.3329,
0.3594

 8.8660, 0.3554,
0.3954


 115.5490, 0.3313,
0.3569

 4.6539, 0.3648,
0.4114

146.4304, 0.3299,
0.3548

 2.0457, 0.3793,
0.4375

182.3753, 0.3287,
0.3529

 0.6338, 0.4418,
0.5582

223.7680, 0.3277,

 0.0000, 0.0000,

0.3513

0.0000

270.9930, 0.3267,
0.3499

■ 34.9697, 0.3402,
0.3708

■ 34.9697, 0.3402,
0.3708

■ 34.1768, 0.3557,
0.3940

■ 35.8389, 0.3250,
0.3478

■ 33.4524, 0.3711,
0.4166

■ 36.7828, 0.3104,
0.3255

■ 32.7944, 0.3857,
0.4378

■ 37.8058, 0.2967,
0.3043

■ 32.1993, 0.3991,
0.4566

■ 38.9106, 0.2840,
0.2845

■ 31.6626, 0.4106,
0.4723

■ 40.0997, 0.2723,
0.2661

■ 31.1799, 0.4198,
0.4840

■ 41.3756, 0.2616,
0.2493

■ 30.7454, 0.4264,
0.4914

■ 42.7405, 0.2519,
0.2340

■ 30.3490, 0.4307,
0.4952

■ 43.6426, 0.2477,
0.2277

■ 30.2865, 0.4313,
0.4957

■ 44.0509, 0.2479,
0.2290

Harmonies

Analogous

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



34.9697, 0.3558, 0.3623



34.9697, 0.3402, 0.3708



34.9697, 0.3176, 0.3675

Triad

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



34.9697, 0.3402, 0.3708



34.9697, 0.2680, 0.3096



34.9697, 0.3305, 0.3070

Complementary

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



34.9697, 0.3402, 0.3708



24.9652, 0.2833, 0.2835

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.



34.9697, 0.3064, 0.2940



34.9697, 0.3402, 0.3708



34.9697, 0.2711, 0.2948

Square

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



34.9697, 0.3402, 0.3708



34.9697, 0.2763, 0.3309



34.9697, 0.2849, 0.2894



34.9697, 0.3502, 0.3255

Rectangle

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



34.9697, 0.3402, 0.3708



34.9697, 0.3017, 0.3586



34.9697, 0.2849, 0.2894



34.9697, 0.3226, 0.3019

Sweetspot

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



34.9713, 0.3402, 0.3708



64.5572, 0.3216, 0.3426



26.3306, 0.3447, 0.3252



14.4766, 0.3225, 0.3440



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.9713, 0.3402, 0.3708



62.0431, 0.3464, 0.3801



34.4213, 0.3273, 0.3754



8.1560, 0.3263, 0.3498



23.5640, 0.4312, 0.4958



0.5176, 0.4265, 0.4996

Inverse Universe

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



24.9652, 0.2833, 0.2835



40.8205, 0.2761, 0.2722



25.4907, 0.2960, 0.2819



6.9323, 0.2987, 0.3073



2.2655, 0.1515, 0.0655



0.0690, 0.1585, 0.0905

Previews

White Background



This preview shows how the Yxy color 34.9697, 0.3402, 0.3708 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 34.9697, 0.3402, 0.3708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

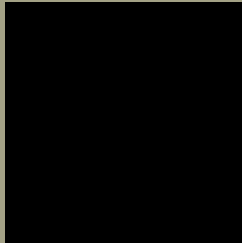
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9697, 0.3402, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 34.9697, 0.3402, 0.3708.



This preview shows how white text looks on a background with the Yxy color 34.9697, 0.3402, 0.3708.

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

34.9697, 0.3402, 0.3708

Protanopia

34.8972, 0.3479, 0.3687

Deuteranopia

35.0508, 0.3622, 0.3557



Tritanopia

34.9289, 0.3135, 0.3119

Trichromacy



Original Color

34.9697, 0.3402, 0.3708

Protanomaly

35.0230, 0.3455, 0.3704

Deuteranomaly

35.0653, 0.3538, 0.3621

Tritanomaly

34.9273, 0.3233, 0.3334

Monochromacy



Original Color

34.9697, 0.3402, 0.3708

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.4398, 0.3228, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9697, 0.3402, 0.3708 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(163, 161, 133)` looks like.

```
.text, #text, p{  
    color:rgb(163, 161, 133)  
}
```

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(163, 161, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 161, 133) }
```

Border

The CSS property to change the border of an element to Yxy 34.9697, 0.3402, 0.3708 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(163, 161, 133) }
```

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

```
.border{ border-color:rgb(163, 161, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 161, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 161, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 161, 133);  
box-shadow:4px 4px 4px 4px rgb(163, 161,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9697, 0.3402, 0.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 161, 133) }
```

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

```
.background{ background-color: rgb(163,  
161, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor