

Converting Colors

$Yxy(34.9322, 0.3366, 0.2999)$

Have a look what the booklet for
Yxy(34.9322, 0.3366, 0.2999)
contains.

Yxy(34.8084, 0.3367, 0.2999)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.8084, 0.3367, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	BF93A9
RGB	191, 147, 169
RGB Percent	75%, 58%, 66%
CMY	0.2510, 0.4235, 0.3374
CMYK	0.00, 0.23, 0.12, 0.25
HSL	330°, 26%, 66%
HSV	330°, 23%, 75%
XYZ	39.0797, 34.8084, 42.1786
YIQ	162.6640, 19.1620, 16.1700

Conversions

Conversions Part 2

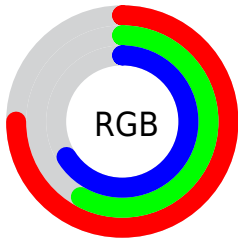
Format	Color
R_{YB}	191, 147, 169
Decimal	12555177
CIE _{Lab}	65.60, 20.08, -5.11
CIE _{LCh}	66, 20.717, 345.731
Yxy	34.8084, 0.3367, 0.2999
Android (android.graphics.Color)	4290745257 (0xFFBF93A9)
YUV	162.6640, 3.1236, 24.8507
Hunter-Lab	58.9986, 14.9876, -1.0879

Details

The Yxy color **34.8084, 0.3367, 0.2999** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.3345, 0.2940, 0.3601**, and the grayscale version is **36.4379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1116, 0.3324, 0.3053**, and **14.9685, 0.3441, 0.2909** is the 20% darker color. If you saturate the color by 10%, you get **29.0081, 0.3506, 0.2866**, and if you desaturate by 10%, it is **41.6244, 0.3250, 0.3129**.

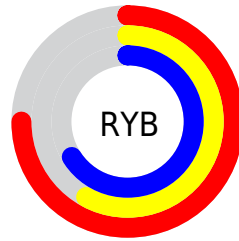
Distribution



Red (75%)

Green (58%)

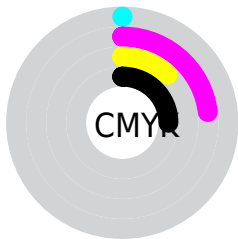
Blue (66%)



Red (75%)

Yellow (58%)

Blue (66%)

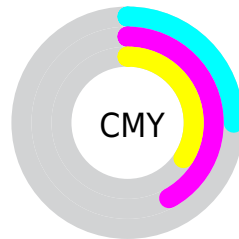


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8084, 0.3367, 0.2999 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 34.8084, 0.3367, 0.2999 by changing the saturation by 10% instead.


 34.8084, 0.3367,
0.2999


 34.8084, 0.3367,
0.2999


323.7218, 0.3243,
0.3148

 23.5153, 0.3399,
0.2960


 67.1888, 0.3321,
0.3054

 14.9745, 0.3442,
0.2910


 89.0450, 0.3304,
0.3075

 8.8015, 0.3500,
0.2842


115.1910, 0.3290,
0.3092

 4.6119, 0.3585,
0.2743

146.0111, 0.3277,
0.3107

 2.0214, 0.3719,
0.2590

181.8899, 0.3267,
0.3119

 0.6199, 0.4000,
0.2249

223.2117, 0.3258,

 0.0000, 1.0000,

0.3130

0.0000

270.3609, 0.3250,
0.3140

0.0000, 0.0000,
0.0000

34.8084, 0.3367,
0.2999

34.8084, 0.3367,
0.2999

29.0081, 0.3506,
0.2866

41.6244, 0.3250,
0.3129

24.1696, 0.3671,
0.2736

49.4973, 0.3153,
0.3254

20.2411, 0.3861,
0.2616

58.4716, 0.3073,
0.3370

17.1640, 0.4077,
0.2518

68.5880, 0.3006,
0.3479

14.8728, 0.4312,
0.2452

79.8849, 0.2952,
0.3579

■ 13.2922, 0.4558,
0.2432

■ 88.1087, 0.2904,
0.3602

■ 12.3321, 0.4802,
0.2464

■ 88.6498, 0.2854,
0.3495

■ 11.9096, 0.4968,
0.2510

■ 89.2208, 0.2805,
0.3390

■ 89.8173, 0.2757,
0.3289

Harmonies

Analogous

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



34.8084, 0.3043, 0.2828



34.8084, 0.3367, 0.2999



34.8084, 0.3635, 0.3241

Triad

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



34.8084, 0.3367, 0.2999



34.8084, 0.3491, 0.3855



34.8084, 0.2533, 0.3022

Complementary

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



34.8084, 0.3367, 0.2999



46.3345, 0.2940, 0.3601

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.



34.8084, 0.2640, 0.3309



34.8084, 0.3367, 0.2999



34.8084, 0.3186, 0.3814

Square

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



34.8084, 0.3367, 0.2999



34.8084, 0.3705, 0.3733



34.8084, 0.2875, 0.3608



34.8084, 0.2574, 0.2829

Rectangle

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



34.8084, 0.3367, 0.2999



34.8084, 0.3738, 0.3419



34.8084, 0.2875, 0.3608



34.8084, 0.2552, 0.3110

Sweetspot

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



34.8100, 0.3367, 0.2999



82.6642, 0.3191, 0.3204



33.0670, 0.2942, 0.2688



17.9619, 0.3196, 0.3196



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



34.8100, 0.3367, 0.2999



56.5021, 0.3439, 0.2927



34.0534, 0.3594, 0.3291



9.6137, 0.3212, 0.3176



7.8424, 0.4938, 0.2494



0.3204, 0.4417, 0.2207

Inverse Universe

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



34.8100, 0.3367, 0.2999



56.5021, 0.3439, 0.2927



47.2301, 0.2790, 0.3289



9.6137, 0.3212, 0.3176



7.8424, 0.4938, 0.2494



0.3204, 0.4417, 0.2207

Previews

White Background



This preview shows how the Yxy color 34.8084, 0.3367, 0.2999 looks on a white background.

Color Contrast Check

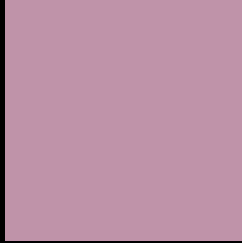
Large Text (above 18pt) WCAG AA × Fail

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 34.8084, 0.3367, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

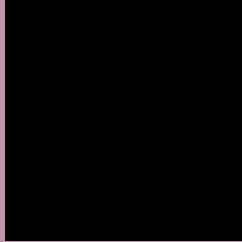
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8084, 0.3367, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 34.8084, 0.3367, 0.2999.



This preview shows how white text looks on a background with the Yxy color 34.8084, 0.3367, 0.2999.

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

34.8084, 0.3367, 0.2999

Protanopia

34.8574, 0.2970, 0.3030

Deuteranopia

34.8906, 0.3174, 0.3121



Tritanopia

34.9801, 0.3444, 0.3143

Trichromacy



Original Color

34.8084, 0.3367, 0.2999

Protanomaly

34.6744, 0.3110, 0.3023

Deuteranomaly

34.7486, 0.3237, 0.3069

Tritanomaly

34.7713, 0.3415, 0.3090

Monochromacy



Original Color

34.8084, 0.3367, 0.2999

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.7148, 0.3211, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8084, 0.3367, 0.2999 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(191, 147, 169)` looks like.

```
.text, #text, p{  
    color:rgb(191, 147, 169)  
}
```

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(191, 147, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 147, 169) }
```

Border

The CSS property to change the border of an element to Yxy 34.8084, 0.3367, 0.2999 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(191, 147, 169) }
```

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

```
.border{ border-color:rgb(191, 147, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 147, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 147, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 147, 169); box-shadow:4px 4px 4px 4px rgb(191, 147, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8084, 0.3367, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 147, 169) }
```

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

```
.background{ background-color: rgb(191,  
147, 169) }
```

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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