

Converting Colors

$Yxy(34.8842, 0.3399, 0.3121)$

Have a look what the booklet for
Yxy(34.8842, 0.3399, 0.3121)
contains.

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Color

Yxy(34.7949, 0.3403, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	BC95A2
RGB	188, 149, 162
RGB Percent	74%, 58%, 64%
CMY	0.2627, 0.4157, 0.3647
CMYK	0.00, 0.21, 0.14, 0.26
HSL	340°, 23%, 66%
HSV	340°, 21%, 74%
XYZ	38.0119, 34.7949, 38.8943
YIQ	162.1430, 19.0710, 12.3110

Conversions

Conversions Part 2

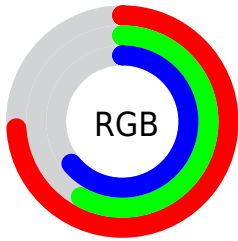
Format	Color
R _Y B	188, 149, 162
Decimal	12359074
CIE Lab	65.59, 16.71, -1.24
CIE LCh	66, 16.751, 355.764
Yxy	34.7949, 0.3403, 0.3115
Android (android.graphics.Color)	4290549154 (0xFFBC95A2)
YUV	162.1430, -0.0705, 22.6766
Hunter-Lab	58.9872, 11.7994, 2.1971

Details

The Yxy color **34.7949, 0.3403, 0.3115** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.4610, 0.2912, 0.3473**, and the grayscale version is **36.1969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1341, 0.3351, 0.3144**, and **14.9295, 0.3495, 0.3067** is the 20% darker color. If you saturate the color by 10%, you get **28.8958, 0.3582, 0.3025**, and if you desaturate by 10%, it is **41.7020, 0.3256, 0.3202**.

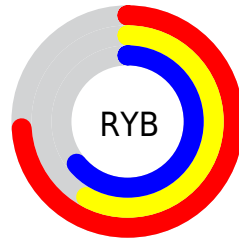
Distribution



Red (74%)

Green (58%)

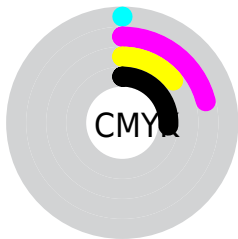
Blue (64%)



Red (74%)

Yellow (58%)

Blue (64%)

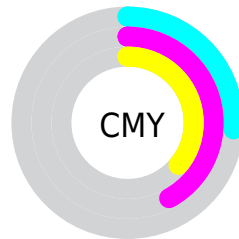


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (26%)



Cyan (26%)


Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7949, 0.3403, 0.3115 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 34.7949, 0.3403, 0.3115 by changing the saturation by 10% instead.

 34.7949, 0.3403,
0.3115


 34.7949, 0.3403,
0.3115


323.6621, 0.3259,
0.3206

 23.5049, 0.3441,
0.3091


 67.1679, 0.3349,
0.3149

 14.9668, 0.3492,
0.3059


 89.0197, 0.3329,
0.3162

 8.7961, 0.3562,
0.3016


115.1610, 0.3313,
0.3172

 4.6084, 0.3665,
0.2952

145.9760, 0.3299,
0.3181

 2.0194, 0.3832,
0.2849

181.8493, 0.3286,
0.3189

 0.6187, 0.4217,
0.2595

223.1651, 0.3276,

 0.0000, 0.0000,

0.3195

0.0000

270.3079, 0.3267,
0.3201

■ 34.7949, 0.3403,
0.3115

■ 34.7949, 0.3403,
0.3115

■ 28.8958, 0.3582,
0.3025

■ 41.7020, 0.3256,
0.3202

■ 23.9527, 0.3798,
0.2937

■ 49.6566, 0.3135,
0.3284

■ 19.9161, 0.4055,
0.2855

■ 58.7018, 0.3037,
0.3360

■ 16.7299, 0.4352,
0.2790

■ 68.8767, 0.2956,
0.3430

■ 14.3320, 0.4681,
0.2752

■ 80.2188, 0.2890,
0.3494

■ 12.6515, 0.5027,
0.2754

■ 88.3417, 0.2831,
0.3482

■ 11.6046, 0.5362,
0.2804

■ 89.1013, 0.2768,
0.3345

■ 11.0491, 0.5644,
0.2883

■ 89.4342, 0.2742,
0.3289

Harmonies

Analogous

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



34.7949, 0.3148, 0.2950



34.7949, 0.3403, 0.3115



34.7949, 0.3586, 0.3326

Triad

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



34.7949, 0.3403, 0.3115



34.7949, 0.3347, 0.3749



34.7949, 0.2639, 0.3013

Complementary

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



34.7949, 0.3403, 0.3115



45.4610, 0.2912, 0.3473

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.



34.7949, 0.2688, 0.3226



34.7949, 0.3403, 0.3115



34.7949, 0.3090, 0.3667

Square

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



34.7949, 0.3403, 0.3115



34.7949, 0.3550, 0.3696



34.7949, 0.2850, 0.3470



34.7949, 0.2714, 0.2886

Rectangle

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



34.7949, 0.3403, 0.3115



34.7949, 0.3638, 0.3470



34.7949, 0.2850, 0.3470



34.7949, 0.2642, 0.3076

Sweetspot

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



34.7965, 0.3403, 0.3115



82.0310, 0.3197, 0.3241



34.2410, 0.3026, 0.2762



17.4406, 0.3205, 0.3236



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



34.7965, 0.3403, 0.3115



57.8508, 0.3482, 0.3073



36.4736, 0.3519, 0.3380



9.5874, 0.3237, 0.3214



7.5333, 0.5612, 0.2865



0.3075, 0.4925, 0.2487

Inverse Universe

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



34.7965, 0.3403, 0.3115



57.8508, 0.3482, 0.3073



43.2797, 0.2816, 0.3198



9.5874, 0.3237, 0.3214



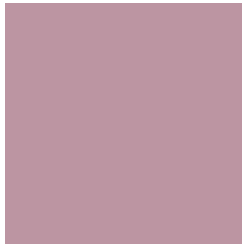
7.5333, 0.5612, 0.2865



0.3075, 0.4925, 0.2487

Previews

White Background



This preview shows how the Yxy color 34.7949, 0.3403, 0.3115 looks on a white background.

Color Contrast Check

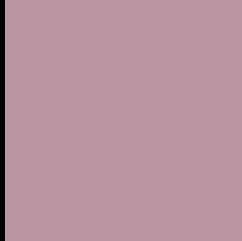
Large Text (above 18pt) WCAG AA × Fail

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 34.7949, 0.3403, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

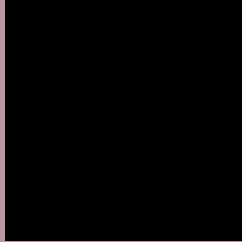
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7949, 0.3403, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 34.7949, 0.3403, 0.3115.



This preview shows how white text looks on a background with the Yxy color 34.7949, 0.3403, 0.3115.

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

34.7949, 0.3403, 0.3115

Protanopia

35.0970, 0.3057, 0.3159

Deuteranopia

34.6831, 0.3262, 0.3192



Tritanopia

34.7595, 0.3413, 0.3128

Trichromacy



Original Color

34.7949, 0.3403, 0.3115

Protanomaly

34.7419, 0.3174, 0.3134

Deuteranomaly

34.6134, 0.3315, 0.3165

Tritanomaly

34.7595, 0.3413, 0.3128

Monochromacy



Original Color

34.7949, 0.3403, 0.3115

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.3805, 0.3219, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7949, 0.3403, 0.3115 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(188, 149, 162)` looks like.

```
.text, #text, p{  
    color:rgb(188, 149, 162)  
}
```

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(188, 149, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 149, 162) }
```

Border

The CSS property to change the border of an element to Yxy 34.7949, 0.3403, 0.3115 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(188, 149, 162) }
```

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

```
.border{ border-color:rgb(188, 149, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 149, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 149, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 149, 162);  
box-shadow:4px 4px 4px 4px rgb(188, 149,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7949, 0.3403, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 149, 162) }
```

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

```
.background{ background-color: rgb(188,  
149, 162) }
```

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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