

Converting Colors

$Yxy(34.1373, 0.3471, 0.3116)$

Have a look what the booklet for
Yxy(34.1373, 0.3471, 0.3116)
contains.

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Color

Yxy(34.1373, 0.3471, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	BF929F
RGB	191, 146, 159
RGB Percent	75%, 57%, 62%
CMY	0.2509, 0.4275, 0.3764
CMYK	0.00, 0.24, 0.17, 0.25
HSL	343°, 26%, 66%
HSV	343°, 24%, 75%
XYZ	38.0265, 34.1373, 37.3911
YIQ	160.9370, 22.6470, 13.5830

Conversions

Conversions Part 2

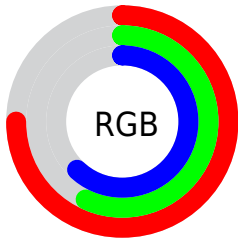
Format	Color
RYB	191, 146, 159
Decimal	12554911
CIELab	65.07, 18.98, -0.28
CIElCh	65, 18.984, 359.164
Yxy	34.1373, 0.3471, 0.3116
Android (android.graphics.Color)	4290744991 (0xFFBF929F)
YUV	160.9370, -0.9549, 26.3653
Hunter-Lab	58.4271, 13.9268, 2.9557

Details

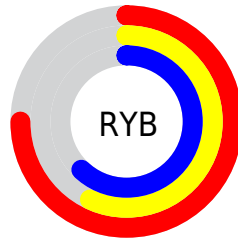
The Yxy color **34.1373, 0.3471, 0.3116** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5939, 0.2871, 0.3472**, and the grayscale version is **35.6079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1201, 0.3401, 0.3145**, and **14.5855, 0.3581, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **28.2879, 0.3674, 0.3038**, and if you desaturate by 10%, it is **41.0256, 0.3305, 0.3193**.

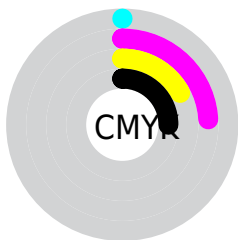
Distribution



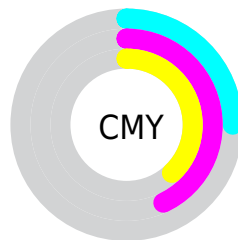
- Red (75%)
- Green (57%)
- Blue (62%)



- Red (75%)
- Yellow (57%)
- Blue (62%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (25%)





- Cyan (25%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1373, 0.3471, 0.3116 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 34.1373, 0.3471, 0.3116 by changing the saturation by 10% instead.


 34.1373, 0.3471,
0.3116


 34.1373, 0.3471,
0.3116


320.7438, 0.3290,
0.3208

 22.9991, 0.3519,
0.3092


 66.1471, 0.3403,
0.3150

 14.5928, 0.3583,
0.3059


 87.7875, 0.3378,
0.3163

 8.5341, 0.3672,
0.3015


113.6975, 0.3357,
0.3173

 4.4386, 0.3804,
0.2948

144.2613, 0.3340,
0.3182

 1.9218, 0.4018,
0.2841

179.8635, 0.3325,
0.3190

 0.5614, 0.4579,
0.2553

220.8884, 0.3312,

 0.0000, 0.0000,

0.3197

0.0000

267.7204, 0.3300,
0.3202

■ 34.1373, 0.3471,
0.3116

■ 34.1373, 0.3471,
0.3116

■ 28.2879, 0.3674,
0.3038

■ 41.0256, 0.3305,
0.3193

■ 23.4220, 0.3919,
0.2962

■ 48.9950, 0.3169,
0.3265

■ 19.4866, 0.4208,
0.2895

■ 58.0914, 0.3059,
0.3333

■ 16.4214, 0.4540,
0.2847

■ 68.3563, 0.2969,
0.3395

■ 14.1590, 0.4902,
0.2828

■ 79.8293, 0.2895,
0.3452

■ 12.6223, 0.5271,
0.2849

■ 88.9188, 0.2830,
0.3445

■ 11.7181, 0.5611,
0.2916

■ 89.7585, 0.2762,
0.3299

■ 11.3565, 0.5807,
0.2972

■ 89.8185, 0.2757,
0.3289

Harmonies

Analogous

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



34.1373, 0.3184, 0.2922



34.1373, 0.3471, 0.3116



34.1373, 0.3667, 0.3357

Triad

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



34.1373, 0.3471, 0.3116



34.1373, 0.3344, 0.3813



34.1373, 0.2577, 0.2951

Complementary

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



34.1373, 0.3471, 0.3116



46.5939, 0.2871, 0.3472

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.



34.1373, 0.2615, 0.3184



34.1373, 0.3471, 0.3116



34.1373, 0.3050, 0.3703

Square

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



34.1373, 0.3471, 0.3116



34.1373, 0.3588, 0.3766



34.1373, 0.2785, 0.3465



34.1373, 0.2676, 0.2822

Rectangle

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



34.1373, 0.3471, 0.3116



34.1373, 0.3714, 0.3519



34.1373, 0.2785, 0.3465



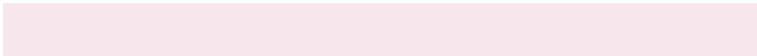
34.1373, 0.2574, 0.3019

Sweetspot

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



34.1389, 0.3471, 0.3116



82.4518, 0.3214, 0.3240



33.7262, 0.3023, 0.2688



17.9115, 0.3222, 0.3236



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.



34.1389, 0.3471, 0.3116



55.7978, 0.3565, 0.3078



36.5966, 0.3581, 0.3413



9.5805, 0.3244, 0.3224



7.4742, 0.5772, 0.2953



0.3045, 0.5067, 0.2565

Inverse Universe

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



34.1389, 0.3471, 0.3116



55.7978, 0.3565, 0.3078



43.3340, 0.2773, 0.3163



9.5805, 0.3244, 0.3224



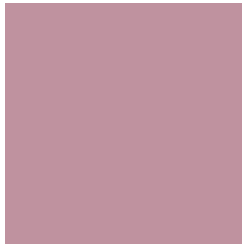
7.4742, 0.5772, 0.2953



0.3045, 0.5067, 0.2565

Previews

White Background



This preview shows how the Yxy color 34.1373, 0.3471, 0.3116 looks on a white background.

Color Contrast Check

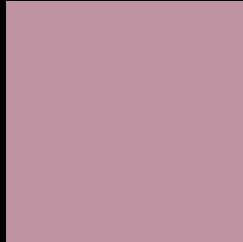
Large Text (above 18pt) WCAG AA × Fail

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 34.1373, 0.3471, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

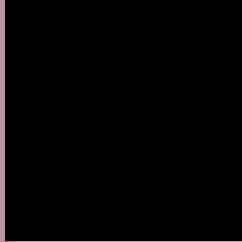
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1373, 0.3471, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 34.1373, 0.3471, 0.3116.



This preview shows how white text looks on a background with the Yxy color 34.1373, 0.3471, 0.3116.

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

34.1373, 0.3471, 0.3116

Protanopia

34.2380, 0.3066, 0.3158

Deuteranopia

34.1353, 0.3282, 0.3219



Tritanopia

34.1028, 0.3481, 0.3130

Trichromacy



Original Color

34.1373, 0.3471, 0.3116

Protanomaly

34.0847, 0.3214, 0.3148

Deuteranomaly

33.9846, 0.3358, 0.3179

Tritanomaly

34.1028, 0.3481, 0.3130

Monochromacy



Original Color

34.1373, 0.3471, 0.3116

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.0857, 0.3248, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1373, 0.3471, 0.3116 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, 146, 159)` looks like.

```
.text, #text, p{  
    color:rgb(191, 146, 159)  
}
```

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, 146, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 146, 159) }
```

Border

The CSS property to change the border of an element to Yxy 34.1373, 0.3471, 0.3116 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, 146, 159) }
```

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

```
.border{ border-color:rgb(191, 146, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 146, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 146, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 146, 159); box-shadow:4px 4px 4px 4px rgb(191, 146, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1373, 0.3471, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 146, 159) }
```

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

```
.background{ background-color: rgb(191,  
146, 159) }
```

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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