

Converting Colors

$Yxy(33.9623, 0.3175, 0.2940)$

Have a look what the booklet for
Yxy(33.9623, 0.3175, 0.2940)
contains.

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Color

Yxy(34.0159, 0.3183, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	B295AE
RGB	178, 149, 174
RGB Percent	70%, 58%, 68%
CMY	0.3021, 0.4156, 0.3177
CMYK	0.00, 0.16, 0.02, 0.30
HSL	308°, 16%, 64%
HSV	308°, 16%, 70%
XYZ	36.7399, 34.0159, 44.6697
YIQ	160.5210, 9.2590, 13.9230

Conversions

Conversions Part 2

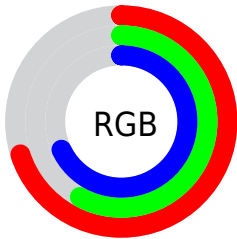
Format	Color
R _Y B	178, 149, 174
Decimal	11703726
CIE Lab	64.98, 15.19, -9.00
CIE LCh	65, 17.658, 329.368
Yxy	34.0159, 0.3183, 0.2947
Android (android.graphics.Color)	4289893806 (0xFFB295AE)
YUV	160.5210, 6.6451, 15.3291
Hunter-Lab	58.3232, 10.3783, -4.5840

Details

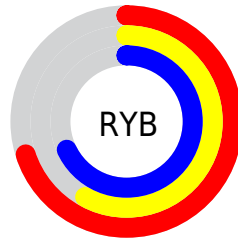
The Yxy color $34.0159, 0.3183, 0.2947$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $40.5159, 0.3076, 0.3659$, and the grayscale version is $35.3715, 0.3127, 0.3290$.

A 20% lighter version of the original color is $65.8614, 0.3178, 0.3015$, and $14.5005, 0.3192, 0.2833$ is the 20% darker color. If you saturate the color by 10%, you get $28.7147, 0.3223, 0.2730$, and if you desaturate by 10%, it is $40.1823, 0.3147, 0.3160$.

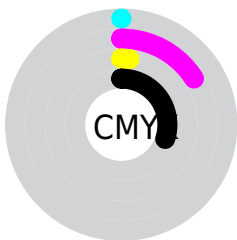
Distribution



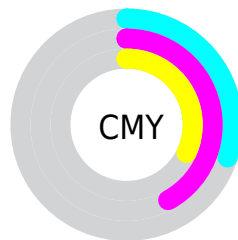
- Red (70%)
- Green (58%)
- Blue (68%)



- Red (70%)
- Yellow (58%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (30%)





- Cyan (30%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0159, 0.3183, 0.2947 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 34.0159, 0.3183, 0.2947 by changing the saturation by 10% instead.


 34.0159, 0.3183,
0.2947

 34.0159, 0.3183,
0.2947


320.2029, 0.3156,
0.3123

 22.9058, 0.3190,
0.2902


 65.9584, 0.3173,
0.3012

 14.5240, 0.3198,
0.2843


 87.5596, 0.3170,
0.3036

 8.4860, 0.3209,
0.2762


113.4266, 0.3166,
0.3056

 4.4075, 0.3223,
0.2647

143.9439, 0.3164,
0.3074

 1.9040, 0.3242,
0.2469

179.4957, 0.3161,
0.3088

 0.5508, 0.3317,
0.2040

220.4666, 0.3159,

 0.0000, 0.0000,

0.3101

0.0000

267.2409, 0.3157,
0.3113

■ 34.0159, 0.3183,
0.2947

■ 34.0159, 0.3183,
0.2947

■ 28.7147, 0.3223,
0.2730

■ 40.1823, 0.3147,
0.3160

■ 24.2352, 0.3268,
0.2516

■ 47.2458, 0.3116,
0.3366

■ 20.5371, 0.3316,
0.2313

■ 55.2423, 0.3089,
0.3559

■ 17.5747, 0.3367,
0.2130

■ 64.2044, 0.3066,
0.3740

■ 15.2976, 0.3420,
0.1976

■ 74.1630, 0.3046,
0.3907

■ 13.6492, 0.3472,
0.1860

■ 84.6383, 0.3029,
0.4053

■ 12.5636, 0.3522,
0.1787

■ 84.7449, 0.3016,
0.4024

■ 11.9537, 0.3570,
0.1756

■ 84.8533, 0.3003,
0.3995

■ 11.7789, 0.3588,
0.1750

■ 84.9634, 0.2990,
0.3966

Harmonies

Analogous

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



34.0159, 0.2912, 0.2847



34.0159, 0.3183, 0.2947



34.0159, 0.3449, 0.3129

Triad

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



34.0159, 0.3183, 0.2947



34.0159, 0.3555, 0.3734



34.0159, 0.2649, 0.3190

Complementary

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



34.0159, 0.3183, 0.2947



40.5159, 0.3076, 0.3659

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.



34.0159, 0.2807, 0.3451



34.0159, 0.3183, 0.2947



34.0159, 0.3328, 0.3776

Square

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



34.0159, 0.3183, 0.2947



34.0159, 0.3668, 0.3576



34.0159, 0.3054, 0.3672



34.0159, 0.2613, 0.2973

Rectangle

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



34.0159, 0.3183, 0.2947



34.0159, 0.3583, 0.3278



34.0159, 0.3054, 0.3672



34.0159, 0.2689, 0.3276

Sweetspot

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



34.0174, 0.3183, 0.2947



74.3248, 0.3143, 0.3185



31.4747, 0.2903, 0.2865



16.2800, 0.3146, 0.3170



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



34.0174, 0.3183, 0.2947



57.6044, 0.3199, 0.2859



33.4869, 0.3323, 0.3142



8.6263, 0.3158, 0.3096



8.4390, 0.3583, 0.1747



0.2710, 0.3464, 0.1682

Inverse Universe

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



34.0174, 0.3183, 0.2947



57.6044, 0.3199, 0.2859



41.0194, 0.2965, 0.3443



8.6263, 0.3158, 0.3096



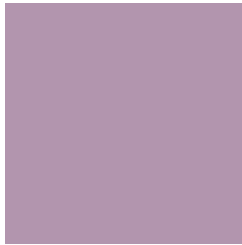
8.4390, 0.3583, 0.1747



0.2710, 0.3464, 0.1682

Previews

White Background



This preview shows how the Yxy color 34.0159, 0.3183, 0.2947 looks on a white background.

Color Contrast Check

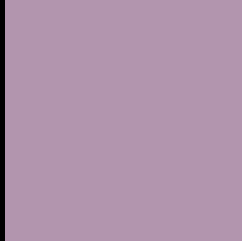
Large Text (above 18pt) WCAG AA × Fail

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 34.0159, 0.3183, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

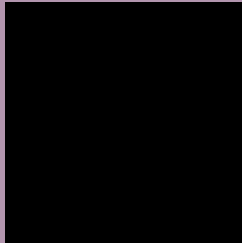
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0159, 0.3183, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 34.0159, 0.3183, 0.2947.



This preview shows how white text looks on a background with the Yxy color 34.0159, 0.3183, 0.2947.

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

34.0159, 0.3183, 0.2947

Protanopia

34.2386, 0.2909, 0.2971

Deuteranopia

33.9066, 0.3072, 0.3005



Tritanopia

34.0077, 0.3267, 0.3122

Trichromacy



Original Color

34.0159, 0.3183, 0.2947

Protanomaly

34.0721, 0.3008, 0.2962

Deuteranomaly

34.0197, 0.3111, 0.2995

Tritanomaly

33.9498, 0.3239, 0.3054

Monochromacy



Original Color

34.0159, 0.3183, 0.2947

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.0826, 0.3143, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0159, 0.3183, 0.2947 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(178, 149, 174)` looks like.

```
.text, #text, p{  
    color:rgb(178, 149, 174)  
}
```

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(178, 149, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 149, 174) }
```

Border

The CSS property to change the border of an element to Yxy 34.0159, 0.3183, 0.2947 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(178, 149, 174) }
```

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

```
.border{ border-color:rgb(178, 149, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 149, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 149, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 149, 174);  
box-shadow:4px 4px 4px 4px rgb(178, 149,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0159, 0.3183, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 149, 174) }
```

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

```
.background{ background-color: rgb(178,  
149, 174) }
```

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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