

Converting Colors

$Yxy(34.5387, 0.3117, 0.2632)$

Have a look what the booklet for
Yxy(34.5387, 0.3117, 0.2632)
contains.

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Color

Yxy(34.4871, 0.3118, 0.2636)

Conversions

Conversions Part 1

Format	Color
Hex	BE8FC2
RGB	190, 143, 194
RGB Percent	75%, 56%, 76%
CMY	0.2550, 0.4392, 0.2392
CMYK	0.02, 0.26, 0.00, 0.24
HSL	295°, 29%, 66%
HSV	295°, 26%, 76%
XYZ	40.7932, 34.4871, 55.5509
YIQ	162.8670, 11.6410, 25.8250

Conversions

Conversions Part 2

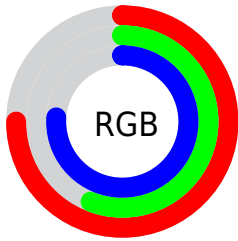
Format	Color
RYB	190, 143, 194
Decimal	12488642
CIELab	65.35, 26.52, -19.56
CIELCh	65, 32.951, 323.593
Yxy	34.4871, 0.3118, 0.2636
Android (android.graphics.Color)	4290678722 (0xFFBE8FC2)
YUV	162.8670, 15.3486, 23.7956
Hunter-Lab	58.7257, 21.2230, -14.9767

Details

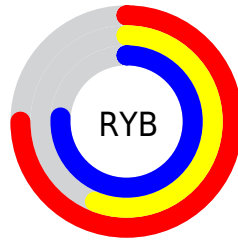
The Yxy color **34.4871, 0.3118, 0.2636** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.7776, 0.3124, 0.4026**, and the grayscale version is **36.4826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6717, 0.3122, 0.2749**, and **14.7820, 0.3110, 0.2457** is the 20% darker color. If you saturate the color by 10%, you get **28.9621, 0.3111, 0.2387**, and if you desaturate by 10%, it is **41.0245, 0.3123, 0.2889**.

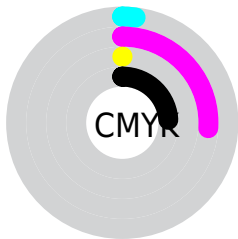
Distribution



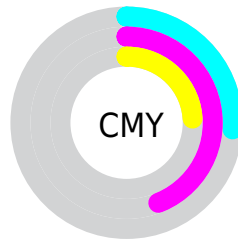
- Red (75%)
- Green (56%)
- Blue (76%)



- Red (75%)
- Yellow (56%)
- Blue (76%)



- Cyan (2%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (26%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4871, 0.3118, 0.2636 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 34.4871, 0.3118, 0.2636 by changing the saturation by 10% instead.


 34.4871, 0.3118,
0.2636


 34.4871, 0.3118,
0.2636


322.2986, 0.3129,
0.2962

 23.2681, 0.3113,
0.2555

 66.6904, 0.3124,
0.2754

 14.7916, 0.3105,
0.2453


 88.4435, 0.3125,
0.2798

 8.6732, 0.3092,
0.2317


114.4767, 0.3127,
0.2836

 4.5287, 0.3070,
0.2130

145.1745, 0.3128,
0.2868

 1.9735, 0.3026,
0.1860

180.9211, 0.3128,
0.2896

 0.5920, 0.2948,
0.1378

222.1011, 0.3129,

 0.0000, 0.1637,

0.2921

0.0000

269.0988, 0.3129,
0.2943

0.0000, 0.0000,
0.0000

34.4871, 0.3118,
0.2636

34.4871, 0.3118,
0.2636

28.9621, 0.3111,
0.2387

41.0245, 0.3123,
0.2889

24.3932, 0.3101,
0.2150

48.6180, 0.3126,
0.3138

20.7253, 0.3088,
0.1935

57.3140, 0.3127,
0.3377

17.8961, 0.3073,
0.1752

67.1550, 0.3127,
0.3603

15.8353, 0.3056,
0.1609

78.1812, 0.3126,
0.3813

■ 14.4609, 0.3038,
0.1508

■ 87.5810, 0.3127,
0.3963

■ 13.6677, 0.3018,
0.1449

■ 87.7917, 0.3136,
0.3961

■ 13.4436, 0.3011,
0.1432

■ 88.0045, 0.3146,
0.3959

■ 88.2195, 0.3155,
0.3957

Harmonies

Analogous

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



34.4871, 0.2644, 0.2490



34.4871, 0.3118, 0.2636



34.4871, 0.3634, 0.2925

Triad

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



34.4871, 0.3118, 0.2636



34.4871, 0.3969, 0.4047



34.4871, 0.2302, 0.3173

Complementary

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



34.4871, 0.3118, 0.2636



46.7776, 0.3124, 0.4026

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.



34.4871, 0.2610, 0.3685



34.4871, 0.3118, 0.2636



34.4871, 0.3570, 0.4214

Square

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



34.4871, 0.3118, 0.2636



34.4871, 0.4144, 0.3705



34.4871, 0.3071, 0.4091



34.4871, 0.2204, 0.2754

Rectangle

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



34.4871, 0.3118, 0.2636



34.4871, 0.3917, 0.3171



34.4871, 0.3071, 0.4091



34.4871, 0.2383, 0.3342

Sweetspot

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



34.4886, 0.3118, 0.2636



85.3957, 0.3126, 0.3093



30.6843, 0.2684, 0.2611



18.2232, 0.3125, 0.3055



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



34.4886, 0.3118, 0.2636



56.0414, 0.3114, 0.2480



34.1263, 0.3366, 0.2901



10.2058, 0.3125, 0.3062



8.8543, 0.3014, 0.1434



0.3948, 0.3060, 0.1459

Inverse Universe

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



33.2261, 0.3639, 0.3237



53.3736, 0.3808, 0.3224



47.1182, 0.2945, 0.3715



10.0905, 0.3277, 0.3272



7.5690, 0.6302, 0.3245



0.3315, 0.5968, 0.3062

Previews

White Background



This preview shows how the Yxy color 34.4871, 0.3118, 0.2636 looks on a white background.

Color Contrast Check

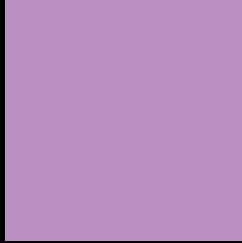
Large Text (above 18pt) WCAG AA × Fail

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 34.4871, 0.3118, 0.2636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

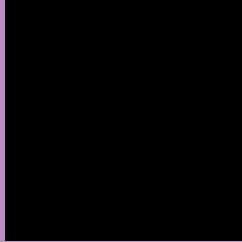
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4871, 0.3118, 0.2636

Background



This preview shows how black text looks on a background with the Yxy color 34.4871, 0.3118, 0.2636.



This preview shows how white text looks on a background with the Yxy color 34.4871, 0.3118, 0.2636.

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

34.4871, 0.3118, 0.2636

Protanopia

34.6766, 0.2658, 0.2634

Deuteranopia

34.5176, 0.2838, 0.2772



Tritanopia

34.3824, 0.3382, 0.3127

Trichromacy



Original Color

34.4871, 0.3118, 0.2636

Protanomaly

34.4131, 0.2816, 0.2637

Deuteranomaly

34.5295, 0.2936, 0.2720

Tritanomaly

34.4494, 0.3286, 0.2942

Monochromacy



Original Color

34.4871, 0.3118, 0.2636

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.7172, 0.3129, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4871, 0.3118, 0.2636 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(190, 143, 194)` looks like.

```
.text, #text, p{  
    color:rgb(190, 143, 194)  
}
```

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(190, 143, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 143, 194) }
```

Border

The CSS property to change the border of an element to Yxy 34.4871, 0.3118, 0.2636 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(190, 143, 194) }
```

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

```
.border{ border-color:rgb(190, 143, 194) }
```

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

Here you see how a box with a 4 pixel rgb(190, 143, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 143, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 143, 194);  
box-shadow:4px 4px 4px 4px rgb(190, 143,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4871, 0.3118, 0.2636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 143, 194) }
```

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

```
.background{ background-color: rgb(190,  
143, 194) }
```

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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