

Converting Colors

$Yxy(37.8483, 0.3199, 0.2986)$

Have a look what the booklet for
Yxy(37.8483, 0.3199, 0.2986)
contains.

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Color

Yxy(37.8483, 0.3199, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	BA9DB4
RGB	186, 157, 180
RGB Percent	73%, 62%, 71%
CMY	0.2705, 0.3843, 0.2941
CMYK	0.00, 0.16, 0.03, 0.27
HSL	312°, 17%, 67%
HSV	312°, 16%, 73%
XYZ	40.5481, 37.8483, 48.3561
YIQ	168.2930, 9.9010, 13.3010

Conversions

Conversions Part 2

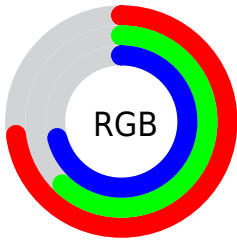
Format	Color
RYB	186, 157, 180
Decimal	12230068
CIELab	67.91, 14.72, -7.92
CIELCh	68, 16.718, 331.722
Yxy	37.8483, 0.3199, 0.2986
Android (android.graphics.Color)	4290420148 (0xFFBA9DB4)
YUV	168.2930, 5.7716, 15.5290
Hunter-Lab	61.5210, 9.9867, -3.5378

Details

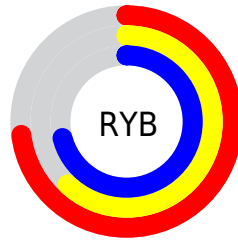
The Yxy color **37.8483, 0.3199, 0.2986** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9352, 0.3063, 0.3614**, and the grayscale version is **39.2784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0203, 0.3183, 0.3044**, and **16.8269, 0.3226, 0.2910** is the 20% darker color. If you saturate the color by 10%, you get **31.8731, 0.3254, 0.2784**, and if you desaturate by 10%, it is **44.7894, 0.3151, 0.3183**.

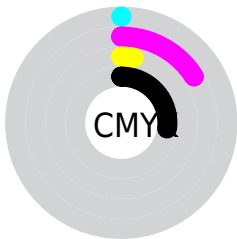
Distribution



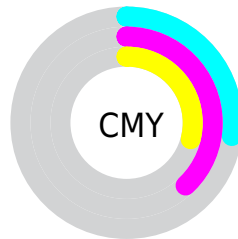
- Red (73%)
- Green (62%)
- Blue (71%)



- Red (73%)
- Yellow (62%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (27%)





- Cyan (27%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8483, 0.3199, 0.2986 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 37.8483, 0.3199, 0.2986 by changing the saturation by 10% instead.

 37.8483, 0.3199,
0.2986


 37.8483, 0.3199,
0.2986


336.9688, 0.3164,
0.3140

 25.8650, 0.3208,
0.2947

 71.8756, 0.3186,
0.3042

 16.7227, 0.3219,
0.2897


 94.6883, 0.3181,
0.3063

 10.0369, 0.3233,
0.2829


121.8796, 0.3177,
0.3081

 5.4235, 0.3254,
0.2734

153.8339, 0.3174,
0.3096

 2.4978, 0.3283,
0.2590

190.9356, 0.3171,
0.3109

 0.8755, 0.3328,
0.2345

233.5690, 0.3168,

 0.0000, 0.3160,

0.3121

0.0000

282.1186, 0.3166,
0.3131

0.0000, 0.0000,
0.0000

37.8483, 0.3199,
0.2986

37.8483, 0.3199,
0.2986

31.8731, 0.3254,
0.2784

44.7894, 0.3151,
0.3183

26.8156, 0.3316,
0.2584

52.7318, 0.3110,
0.3372

22.6310, 0.3386,
0.2392

61.7155, 0.3075,
0.3549

19.2685, 0.3461,
0.2217

71.7765, 0.3045,
0.3715

16.6724, 0.3540,
0.2071

82.9494, 0.3020,
0.3867

■ 14.7799, 0.3621,
0.1961

■ 86.2765, 0.2999,
0.3873

■ 13.5182, 0.3702,
0.1896

■ 86.4622, 0.2978,
0.3828

■ 12.7966, 0.3779,
0.1875

■ 86.6525, 0.2958,
0.3783

■ 12.5650, 0.3813,
0.1874

■ 86.8474, 0.2937,
0.3739

Harmonies

Analogous

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



37.8483, 0.2949, 0.2887



37.8483, 0.3199, 0.2986



37.8483, 0.3438, 0.3159

Triad

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



37.8483, 0.3199, 0.2986



37.8483, 0.3506, 0.3704



37.8483, 0.2682, 0.3182

Complementary

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



37.8483, 0.3199, 0.2986



44.9352, 0.3063, 0.3614

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.



37.8483, 0.2820, 0.3419



37.8483, 0.3199, 0.2986



37.8483, 0.3293, 0.3730

Square

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



37.8483, 0.3199, 0.2986



37.8483, 0.3618, 0.3567



37.8483, 0.3042, 0.3625



37.8483, 0.2658, 0.2989

Rectangle

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



37.8483, 0.3199, 0.2986



37.8483, 0.3555, 0.3297



37.8483, 0.3042, 0.3625



37.8483, 0.2716, 0.3260

Sweetspot

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



37.8500, 0.3199, 0.2986



81.8679, 0.3149, 0.3193



35.4246, 0.2930, 0.2884



17.8187, 0.3152, 0.3180



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.



37.8500, 0.3199, 0.2986



64.3700, 0.3219, 0.2911



37.2963, 0.3332, 0.3173



9.1301, 0.3168, 0.3110



8.4632, 0.3804, 0.1869



0.3065, 0.3623, 0.1770

Inverse Universe

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



37.8500, 0.3199, 0.2986



64.3700, 0.3219, 0.2911



45.4777, 0.2957, 0.3410



9.1301, 0.3168, 0.3110



8.4632, 0.3804, 0.1869



0.3065, 0.3623, 0.1770

Previews

White Background



This preview shows how the Yxy color 37.8483, 0.3199, 0.2986 looks on a white background.

Color Contrast Check

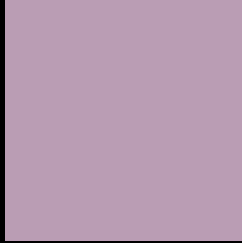
Large Text (above 18pt) WCAG AA × Fail

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 37.8483, 0.3199, 0.2986 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 37.8483, 0.3199, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 37.8483, 0.3199, 0.2986.



This preview shows how white text looks on a background with the Yxy color 37.8483, 0.3199, 0.2986.

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

37.8483, 0.3199, 0.2986

Protanopia

37.8402, 0.2942, 0.2998

Deuteranopia

37.8584, 0.3101, 0.3045



Tritanopia

38.0508, 0.3270, 0.3130

Trichromacy



Original Color

37.8483, 0.3199, 0.2986

Protanomaly

37.5666, 0.3030, 0.2989

Deuteranomaly

37.9800, 0.3139, 0.3034

Tritanomaly

37.8240, 0.3243, 0.3077

Monochromacy



Original Color

37.8483, 0.3199, 0.2986

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6434, 0.3160, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8483, 0.3199, 0.2986 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(186, 157, 180)` looks like.

```
.text, #text, p{  
    color:rgb(186, 157, 180)  
}
```

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(186, 157, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 157, 180) }
```

Border

The CSS property to change the border of an element to Yxy 37.8483, 0.3199, 0.2986 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(186, 157, 180) }
```

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

```
.border{ border-color:rgb(186, 157, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 157, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 157, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 157, 180);  
box-shadow:4px 4px 4px 4px rgb(186, 157,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8483, 0.3199, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 157, 180) }
```

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

```
.background{ background-color: rgb(186,  
157, 180) }
```

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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