

Converting Colors

$Yxy(37.9626, 0.3349, 0.2983)$

Have a look what the booklet for
Yxy(37.9626, 0.3349, 0.2983)
contains.

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Color

Yxy(37.9626, 0.3349, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	C699B1
RGB	198, 153, 177
RGB Percent	78%, 60%, 69%
CMY	0.2234, 0.4000, 0.3058
CMYK	0.00, 0.23, 0.11, 0.22
HSL	328°, 28%, 69%
HSV	328°, 23%, 78%
XYZ	42.6204, 37.9626, 46.6801
YIQ	169.1910, 19.1160, 17.0040

Conversions

Conversions Part 2

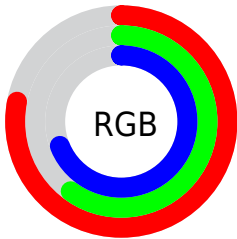
Format	Color
RYB	198, 153, 177
Decimal	13015473
CIELab	67.99, 20.67, -5.99
CIElCh	68, 21.516, 343.832
Yxy	37.9626, 0.3349, 0.2983
Android (android.graphics.Color)	4291205553 (0xFFC699B1)
YUV	169.1910, 3.8498, 25.2655
Hunter-Lab	61.6138, 15.6506, -1.7899

Details

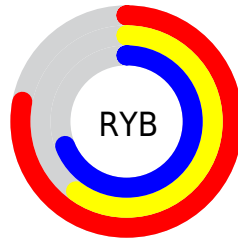
The Yxy color **37.9626, 0.3349, 0.2983** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.2262, 0.2952, 0.3619**, and the grayscale version is **39.7508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2549, 0.3303, 0.3040**, and **16.8873, 0.3426, 0.2909** is the 20% darker color. If you saturate the color by 10%, you get **31.6552, 0.3479, 0.2841**, and if you desaturate by 10%, it is **45.3740, 0.3240, 0.3122**.

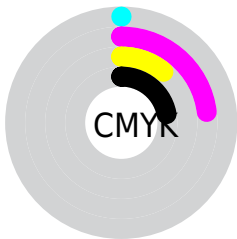
Distribution



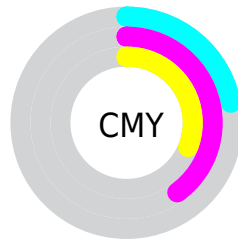
- Red (78%)
- Green (60%)
- Blue (69%)



- Red (78%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (11%)
- Black (22%)



- Cyan (22%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9626, 0.3349, 0.2983 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 37.9626, 0.3349, 0.2983 by changing the saturation by 10% instead.


 37.9626, 0.3349,
0.2983


 37.9626, 0.3349,
0.2983


337.4595, 0.3236,
0.3138

 25.9537, 0.3378,
0.2944

 72.0508, 0.3307,
0.3040

 16.7890, 0.3415,
0.2893


 94.8989, 0.3292,
0.3061

 10.0842, 0.3466,
0.2825


122.1288, 0.3279,
0.3079

 5.4548, 0.3538,
0.2729

154.1249, 0.3268,
0.3094

 2.5165, 0.3649,
0.2584

191.2716, 0.3258,
0.3107

 0.8849, 0.3840,
0.2339

233.9534, 0.3250,

 0.0000, 0.6237,

0.3119

0.0000

282.5545, 0.3243,
0.3129

0.0000, 0.0000,
0.0000

37.9626, 0.3349,
0.2983

37.9626, 0.3349,
0.2983

31.6552, 0.3479,
0.2841

45.3740, 0.3240,
0.3122

26.3932, 0.3631,
0.2702

53.9342, 0.3149,
0.3255

22.1202, 0.3807,
0.2574

63.6917, 0.3074,
0.3380

18.7726, 0.4004,
0.2467

74.6905, 0.3011,
0.3496

16.2789, 0.4220,
0.2394

86.9727, 0.2960,
0.3603

■ 14.5575, 0.4445,
0.2365

■ 89.3809, 0.2911,
0.3531

■ 13.5101, 0.4668,
0.2389

■ 89.9214, 0.2863,
0.3430

■ 13.0412, 0.4828,
0.2433

■ 90.4899, 0.2815,
0.3332

■ 90.7487, 0.2795,
0.3289

Harmonies

Analogous

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



37.9626, 0.3021, 0.2816



37.9626, 0.3349, 0.2983



37.9626, 0.3626, 0.3224

Triad

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



37.9626, 0.3349, 0.2983



37.9626, 0.3512, 0.3857



37.9626, 0.2530, 0.3036

Complementary

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



37.9626, 0.3349, 0.2983



50.2262, 0.2952, 0.3619

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.



37.9626, 0.2647, 0.3329



37.9626, 0.3349, 0.2983



37.9626, 0.3207, 0.3827

Square

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



37.9626, 0.3349, 0.2983



37.9626, 0.3719, 0.3725



37.9626, 0.2891, 0.3628



37.9626, 0.2562, 0.2834

Rectangle

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



37.9626, 0.3349, 0.2983



37.9626, 0.3737, 0.3403



37.9626, 0.2891, 0.3628



37.9626, 0.2553, 0.3126

Sweetspot

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



37.9643, 0.3349, 0.2983



88.6103, 0.3187, 0.3198



35.8587, 0.2931, 0.2692



18.7667, 0.3192, 0.3190



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.



37.9643, 0.3349, 0.2983



61.7617, 0.3407, 0.2917



37.1393, 0.3573, 0.3272



10.7299, 0.3208, 0.3167



8.4964, 0.4800, 0.2418



0.4168, 0.4381, 0.2187

Inverse Universe

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



37.9643, 0.3349, 0.2983



61.7617, 0.3407, 0.2917



51.1792, 0.2803, 0.3309



10.7299, 0.3208, 0.3167



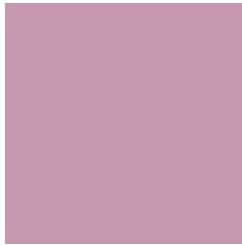
8.4964, 0.4800, 0.2418



0.4168, 0.4381, 0.2187

Previews

White Background



This preview shows how the Yxy color 37.9626, 0.3349, 0.2983 looks on a white background.

Color Contrast Check

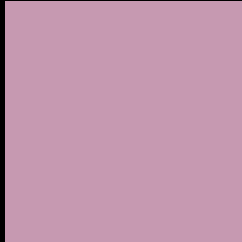
Large Text (above 18pt) WCAG AA × Fail

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 37.9626, 0.3349, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

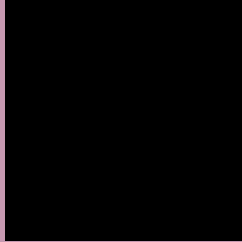
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9626, 0.3349, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 37.9626, 0.3349, 0.2983.



This preview shows how white text looks on a background with the Yxy color 37.9626, 0.3349, 0.2983.

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

37.9626, 0.3349, 0.2983

Protanopia

38.2635, 0.2959, 0.3026

Deuteranopia

38.0499, 0.3164, 0.3100



Tritanopia

38.1030, 0.3433, 0.3135

Trichromacy



Original Color

37.9626, 0.3349, 0.2983

Protanomaly

38.0560, 0.3093, 0.3019

Deuteranomaly

37.9026, 0.3225, 0.3050

Tritanomaly

37.9218, 0.3396, 0.3071

Monochromacy



Original Color

37.9626, 0.3349, 0.2983

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.8762, 0.3208, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9626, 0.3349, 0.2983 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(198, 153, 177)` looks like.

```
.text, #text, p{  
    color:rgb(198, 153, 177)  
}
```

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(198, 153, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 153, 177) }
```

Border

The CSS property to change the border of an element to Yxy 37.9626, 0.3349, 0.2983 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(198, 153, 177) }
```

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

```
.border{ border-color:rgb(198, 153, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 153, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 153, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 153, 177);  
box-shadow:4px 4px 4px 4px rgb(198, 153,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9626, 0.3349, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 153, 177) }
```

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

```
.background{ background-color: rgb(198,  
153, 177) }
```

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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