

Converting Colors

Yxy(36.9998, 0.3278, 0.2841)

Have a look what the booklet for
Yxy(36.9998, 0.3278, 0.2841)
contains.

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Color

Yxy(37.0034, 0.3277, 0.2834)

Conversions

Conversions Part 1

Format	Color
Hex	C695B9
RGB	198, 149, 185
RGB Percent	78%, 58%, 73%
CMY	0.2236, 0.4156, 0.2746
CMYK	0.00, 0.25, 0.07, 0.22
HSL	316°, 30%, 68%
HSV	316°, 25%, 78%
XYZ	42.7876, 37.0034, 50.7785
YIQ	167.7550, 17.6480, 21.5840

Conversions

Conversions Part 2

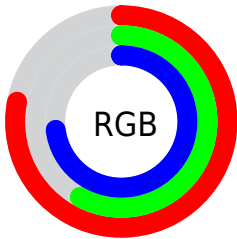
Format	Color
R _Y B	198, 149, 185
Decimal	13014457
CIE Lab	67.28, 24.24, -11.51
CIE LCh	67, 26.835, 334.597
Yxy	37.0034, 0.3277, 0.2834
Android (android.graphics.Color)	4291204537 (0xFFC695B9)
YUV	167.7550, 8.5018, 26.5249
Hunter-Lab	60.8304, 19.1022, -6.9113

Details

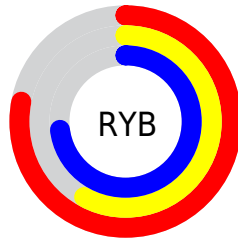
The Yxy color **37.0034, 0.3277, 0.2834** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.3786, 0.3005, 0.3794**, and the grayscale version is **38.9828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3227, 0.3250, 0.2912**, and **16.3306, 0.3323, 0.2709** is the 20% darker color. If you saturate the color by 10%, you get **31.0453, 0.3355, 0.2645**, and if you desaturate by 10%, it is **44.0378, 0.3209, 0.3023**.

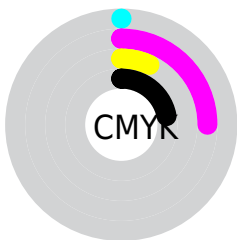
Distribution



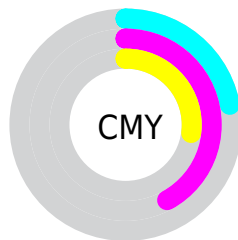
- Red (78%)
- Green (58%)
- Blue (73%)



- Red (78%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (7%)
- Black (22%)




- Cyan (22%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0034, 0.3277, 0.2834 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 37.0034, 0.3277, 0.2834 by changing the saturation by 10% instead.


 37.0034, 0.3277,
0.2834


 37.0034, 0.3277,
0.2834


333.3252, 0.3203,
0.3062

 25.2101, 0.3295,
0.2777


 70.5780, 0.3250,
0.2917

 16.2337, 0.3318,
0.2704


 93.1281, 0.3240,
0.2948

 9.6897, 0.3348,
0.2607


120.0327, 0.3232,
0.2974

 5.1937, 0.3389,
0.2472

151.6760, 0.3225,
0.2997

 2.3613, 0.3449,
0.2271

188.4425, 0.3218,
0.3017

 0.8059, 0.3542,
0.1941

230.7167, 0.3213,

 0.0000, 0.3905,

0.3034

0.0000

278.8828, 0.3208,
0.3049

0.0000, 0.0000,
0.0000

37.0034, 0.3277,
0.2834

37.0034, 0.3277,
0.2834

31.0453, 0.3355,
0.2645

44.0378, 0.3209,
0.3023

26.1048, 0.3442,
0.2463

52.1937, 0.3152,
0.3206

22.1248, 0.3539,
0.2297

61.5198, 0.3102,
0.3381

19.0407, 0.3643,
0.2157

72.0602, 0.3061,
0.3544

16.7799, 0.3751,
0.2053

83.8569, 0.3026,
0.3696

■ 15.2585, 0.3860,
0.1994

■ 88.5070, 0.2996,
0.3709

■ 14.3743, 0.3967,
0.1983

■ 88.7840, 0.2968,
0.3650

■ 14.0611, 0.4022,
0.1990

■ 89.0697, 0.2940,
0.3591

■ 89.3643, 0.2912,
0.3533

Harmonies

Analogous

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



37.0034, 0.2872, 0.2667



37.0034, 0.3277, 0.2834



37.0034, 0.3662, 0.3106

Triad

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



37.0034, 0.3277, 0.2834



37.0034, 0.3704, 0.3968



37.0034, 0.2410, 0.3068

Complementary

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



37.0034, 0.3277, 0.2834



49.3786, 0.3005, 0.3794

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.



37.0034, 0.2605, 0.3458



37.0034, 0.3277, 0.2834



37.0034, 0.3346, 0.4009

Square

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



37.0034, 0.3277, 0.2834



37.0034, 0.3913, 0.3745



37.0034, 0.2944, 0.3820



37.0034, 0.2394, 0.2777

Rectangle

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



37.0034, 0.3277, 0.2834



37.0034, 0.3844, 0.3320



37.0034, 0.2944, 0.3820



37.0034, 0.2456, 0.3192

Sweetspot

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



37.0050, 0.3277, 0.2834



88.8340, 0.3164, 0.3163



33.1799, 0.2815, 0.2617



18.8185, 0.3168, 0.3152



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.



37.0050, 0.3277, 0.2834



59.2810, 0.3320, 0.2726



36.0851, 0.3513, 0.3131



10.7667, 0.3177, 0.3122



9.1612, 0.4009, 0.1982



0.4453, 0.3807, 0.1871

Inverse Universe

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



37.0050, 0.3277, 0.2834



59.2810, 0.3320, 0.2726



50.3037, 0.2846, 0.3456



10.7667, 0.3177, 0.3122



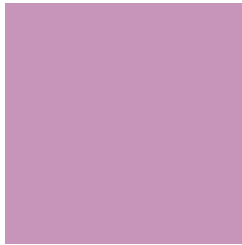
9.1612, 0.4009, 0.1982



0.4453, 0.3807, 0.1871

Previews

White Background



This preview shows how the Yxy color 37.0034, 0.3277, 0.2834 looks on a white background.

Color Contrast Check

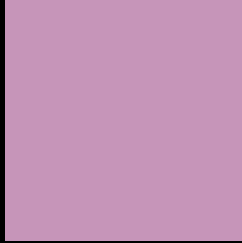
Large Text (above 18pt) WCAG AA × Fail

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 37.0034, 0.3277, 0.2834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

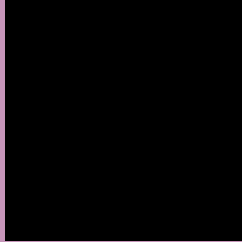
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0034, 0.3277, 0.2834

Background



This preview shows how black text looks on a background with the Yxy color 37.0034, 0.3277, 0.2834.



This preview shows how white text looks on a background with the Yxy color 37.0034, 0.3277, 0.2834.

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

37.0034, 0.3277, 0.2834

Protanopia

37.3585, 0.2828, 0.2861

Deuteranopia

37.2184, 0.3030, 0.2975



Tritanopia

37.0649, 0.3446, 0.3146

Trichromacy



Original Color

37.0034, 0.3277, 0.2834

Protanomaly

37.0995, 0.2981, 0.2846

Deuteranomaly

37.0614, 0.3116, 0.2917

Tritanomaly

37.1708, 0.3379, 0.3031

Monochromacy



Original Color

37.0034, 0.3277, 0.2834

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.1294, 0.3183, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0034, 0.3277, 0.2834 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, 149, 185)` looks like.

```
.text, #text, p{  
    color:rgb(198, 149, 185)  
}
```

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, 149, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 149, 185) }
```

Border

The CSS property to change the border of an element to Yxy 37.0034, 0.3277, 0.2834 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, 149, 185) }
```

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

```
.border{ border-color:rgb(198, 149, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 149, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 149, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 149, 185);  
box-shadow:4px 4px 4px 4px rgb(198, 149,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0034, 0.3277, 0.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 149, 185) }
```

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

```
.background{ background-color: rgb(198,  
149, 185) }
```

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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