

Converting Colors

$Y_{xy}(36.9299, 0.3303, 0.2895)$

Have a look what the booklet for
Yxy(36.9299, 0.3303, 0.2895)
contains.

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Color

Yxy(37.0192, 0.3304, 0.2894)

Conversions

Conversions Part 1

Format	Color
Hex	C596B5
RGB	197, 150, 181
RGB Percent	77%, 59%, 71%
CMY	0.2276, 0.4117, 0.2902
CMYK	0.00, 0.24, 0.08, 0.23
HSL	320°, 29%, 68%
HSV	320°, 24%, 77%
XYZ	42.2638, 37.0192, 48.6341
YIQ	167.5870, 18.0610, 19.6050

Conversions

Conversions Part 2

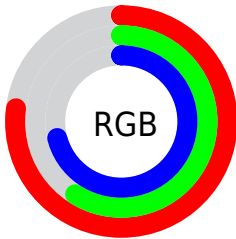
Format	Color
RYB	197, 150, 181
Decimal	12949173
CIELab	67.29, 22.62, -9.28
CIELCh	67, 24.447, 337.701
Yxy	37.0192, 0.3304, 0.2894
Android (android.graphics.Color)	4291139253 (0xFFC596B5)
YUV	167.5870, 6.6126, 25.7952
Hunter-Lab	60.8434, 17.5159, -4.8020

Details

The Yxy color **37.0192, 0.3304, 0.2894** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.1506, 0.2985, 0.3722**, and the grayscale version is **38.9051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3710, 0.3271, 0.2960**, and **16.3218, 0.3363, 0.2788** is the 20% darker color. If you saturate the color by 10%, you get **30.9850, 0.3401, 0.2722**, and if you desaturate by 10%, it is **44.1264, 0.3221, 0.3065**.

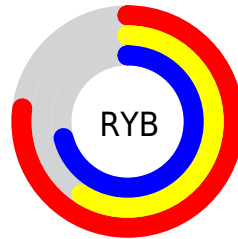
Distribution



Red (77%)

Green (59%)

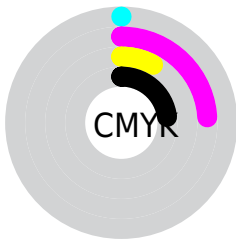
Blue (71%)



Red (77%)

Yellow (59%)

Blue (71%)

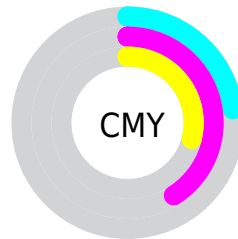


Cyan (0%)

Magenta (24%)

Yellow (8%)

Black (23%)



Cyan (23%)


Magenta (41%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0192, 0.3304, 0.2894 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 37.0192, 0.3304, 0.2894 by changing the saturation by 10% instead.


 37.0192, 0.3304,
0.2894


 37.0192, 0.3304,
0.2894


333.3936, 0.3215,
0.3093

 25.2224, 0.3326,
0.2844


 70.6023, 0.3272,
0.2967

 16.2428, 0.3355,
0.2779


 93.1574, 0.3260,
0.2994

 9.6961, 0.3393,
0.2693


120.0673, 0.3249,
0.3017

 5.1979, 0.3447,
0.2573

151.7165, 0.3241,
0.3036

 2.3639, 0.3527,
0.2392

188.4893, 0.3233,
0.3054

 0.8072, 0.3660,
0.2088

230.7702, 0.3226,

 0.0000, 0.4534,

0.3068

0.0000

278.9435, 0.3220,
0.3082

0.0000, 0.0000,
0.0000

37.0192, 0.3304,
0.2894

37.0192, 0.3304,
0.2894

30.9850, 0.3401,
0.2722

44.1264, 0.3221,
0.3065

25.9659, 0.3511,
0.2555

52.3509, 0.3151,
0.3229

21.9060, 0.3636,
0.2401

61.7405, 0.3092,
0.3385

18.7420, 0.3773,
0.2271

72.3389, 0.3043,
0.3531

16.4030, 0.3918,
0.2177

84.1872, 0.3001,
0.3665

■ 14.8073, 0.4068,
0.2127

■ 88.6138, 0.2965,
0.3657

■ 13.8559, 0.4215,
0.2127

■ 88.9783, 0.2929,
0.3582

■ 13.4760, 0.4305,
0.2145

■ 89.3571, 0.2894,
0.3508

■ 89.7505, 0.2859,
0.3435

Harmonies

Analogous

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



37.0192, 0.2931, 0.2729



37.0192, 0.3304, 0.2894



37.0192, 0.3645, 0.3152

Triad

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



37.0192, 0.3304, 0.2894



37.0192, 0.3626, 0.3921



37.0192, 0.2461, 0.3058

Complementary

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



37.0192, 0.3304, 0.2894



49.1506, 0.2985, 0.3722

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.



37.0192, 0.2625, 0.3406



37.0192, 0.3304, 0.2894



37.0192, 0.3291, 0.3934

Square

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



37.0192, 0.3304, 0.2894



37.0192, 0.3833, 0.3735



37.0192, 0.2925, 0.3741



37.0192, 0.2463, 0.2803

Rectangle

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



37.0192, 0.3304, 0.2894



37.0192, 0.3798, 0.3352



37.0192, 0.2925, 0.3741



37.0192, 0.2498, 0.3168

Sweetspot

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



37.0209, 0.3304, 0.2894



88.7506, 0.3173, 0.3176



33.9207, 0.2863, 0.2651



18.7992, 0.3177, 0.3166



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.



37.0209, 0.3304, 0.2894



60.0335, 0.3356, 0.2797



36.1479, 0.3535, 0.3188



10.7530, 0.3189, 0.3139



8.8845, 0.4287, 0.2135



0.4338, 0.4008, 0.1982

Inverse Universe

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



37.0209, 0.3304, 0.2894



60.0335, 0.3356, 0.2797



50.0781, 0.2830, 0.3395



10.7530, 0.3189, 0.3139



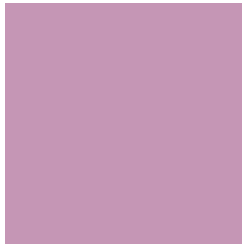
8.8845, 0.4287, 0.2135



0.4338, 0.4008, 0.1982

Previews

White Background



This preview shows how the Yxy color 37.0192, 0.3304, 0.2894 looks on a white background.

Color Contrast Check

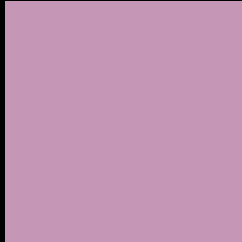
Large Text (above 18pt) WCAG AA × Fail

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 37.0192, 0.3304, 0.2894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

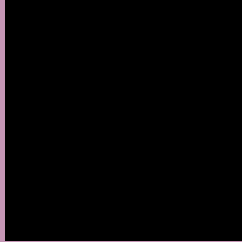
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0192, 0.3304, 0.2894

Background



This preview shows how black text looks on a background with the Yxy color 37.0192, 0.3304, 0.2894.



This preview shows how white text looks on a background with the Yxy color 37.0192, 0.3304, 0.2894.

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

37.0192, 0.3304, 0.2894

Protanopia

37.2394, 0.2875, 0.2927

Deuteranopia

37.2805, 0.3083, 0.3029



Tritanopia

37.1012, 0.3436, 0.3133

Trichromacy



Original Color

37.0192, 0.3304, 0.2894

Protanomaly

36.8831, 0.3023, 0.2910

Deuteranomaly

37.0173, 0.3161, 0.2969

Tritanomaly

37.1325, 0.3389, 0.3044

Monochromacy



Original Color

37.0192, 0.3304, 0.2894

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.0906, 0.3192, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0192, 0.3304, 0.2894 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(197, 150, 181)` looks like.

```
.text, #text, p{  
    color:rgb(197, 150, 181)  
}
```

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(197, 150, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 150, 181) }
```

Border

The CSS property to change the border of an element to Yxy 37.0192, 0.3304, 0.2894 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(197, 150, 181) }
```

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

```
.border{ border-color:rgb(197, 150, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 150, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 150, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 150, 181);  
box-shadow:4px 4px 4px 4px rgb(197, 150,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0192, 0.3304, 0.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 150, 181) }
```

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

```
.background{ background-color: rgb(197,  
150, 181) }
```

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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