

Converting Colors

$Yxy(37.3333, 0.3427, 0.2927)$

Have a look what the booklet for
Yxy(37.3333, 0.3427, 0.2927)
contains.

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Color

Yxy(37.3333, 0.3427, 0.2927)

Conversions

Conversions Part 1

Format	Color
Hex	CD94B1
RGB	205, 148, 177
RGB Percent	80%, 58%, 69%
CMY	0.1959, 0.4197, 0.3058
CMYK	0.00, 0.28, 0.14, 0.20
HSL	329°, 36%, 69%
HSV	329°, 28%, 80%
XYZ	43.7107, 37.3333, 46.5040
YIQ	168.3490, 24.6630, 21.1030

Conversions

Conversions Part 2

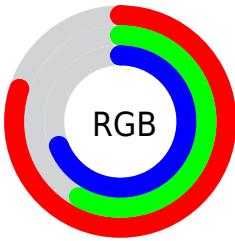
Format	Color
R _Y B	205, 148, 177
Decimal	13472945
CIE Lab	67.53, 25.91, -6.61
CIE LCh	68, 26.741, 345.698
Yxy	37.3333, 0.3427, 0.2927
Android (android.graphics.Color)	4291663025 (0xFFCD94B1)
YUV	168.3490, 4.2649, 32.1429
Hunter-Lab	61.1010, 20.7694, -2.3550

Details

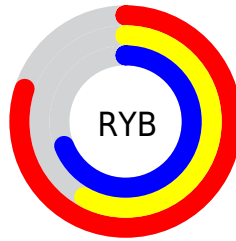
The Yxy color **37.3333, 0.3427, 0.2927** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.1093, 0.2906, 0.3685**, and the grayscale version is **39.3097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8551, 0.3308, 0.2990**, and **16.4887, 0.3524, 0.2836** is the 20% darker color. If you saturate the color by 10%, you get **31.0762, 0.3576, 0.2792**, and if you desaturate by 10%, it is **44.7627, 0.3301, 0.3062**.

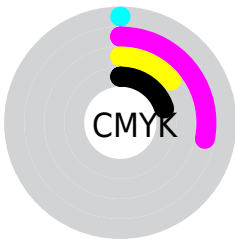
Distribution



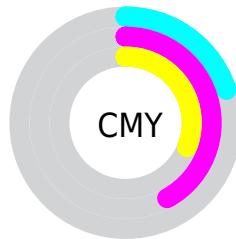
- Red (80%)
- Green (58%)
- Blue (69%)



- Red (80%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (28%)
- Yellow (14%)
- Black (20%)





- Cyan (20%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3333, 0.3427, 0.2927 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 37.3333, 0.3427, 0.2927 by changing the saturation by 10% instead.


 37.3333, 0.3427,
0.2927


 37.3333, 0.3427,
0.2927


334.7513, 0.3274,
0.3110

 25.4657, 0.3466,
0.2881


 71.0851, 0.3371,
0.2994

 16.4243, 0.3517,
0.2821


 93.7381, 0.3350,
0.3019

 9.8249, 0.3586,
0.2741


120.7549, 0.3332,
0.3040

 5.2830, 0.3684,
0.2629

152.5200, 0.3317,
0.3058

 2.4143, 0.3835,
0.2460

189.4178, 0.3304,
0.3074

 0.8332, 0.4097,
0.2175

231.8327, 0.3293,

 0.0000, 0.6946,

0.3087

0.0000

280.1491, 0.3283,
0.3099

0.0000, 0.0000,
0.0000

37.3333, 0.3427,
0.2927

37.3333, 0.3427,
0.2927

31.0762, 0.3576,
0.2792

44.7627, 0.3301,
0.3062

25.9255, 0.3751,
0.2663

53.4155, 0.3197,
0.3193

21.8165, 0.3950,
0.2550

63.3461, 0.3110,
0.3316

18.6759, 0.4172,
0.2464

74.6041, 0.3038,
0.3431

16.4204, 0.4410,
0.2417

87.2364, 0.2978,
0.3538

■ 14.9527, 0.4651,
0.2422

■ 90.6444, 0.2925,
0.3475

■ 14.1324, 0.4886,
0.2478

■ 91.2513, 0.2871,
0.3367

■ 13.9902, 0.4937,
0.2493

■ 91.7242, 0.2833,
0.3289

Harmonies

Analogous

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



37.3333, 0.3017, 0.2717



37.3333, 0.3427, 0.2927



37.3333, 0.3769, 0.3224

Triad

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



37.3333, 0.3427, 0.2927



37.3333, 0.3581, 0.4004



37.3333, 0.2387, 0.2947

Complementary

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



37.3333, 0.3427, 0.2927



53.1093, 0.2906, 0.3685

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.



37.3333, 0.2517, 0.3309



37.3333, 0.3427, 0.2927



37.3333, 0.3196, 0.3961

Square

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



37.3333, 0.3427, 0.2927



37.3333, 0.3854, 0.3840



37.3333, 0.2808, 0.3696



37.3333, 0.2438, 0.2712

Rectangle

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



37.3333, 0.3427, 0.2927



37.3333, 0.3900, 0.3442



37.3333, 0.2808, 0.3696



37.3333, 0.2411, 0.3057

Sweetspot

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



37.3350, 0.3427, 0.2927



87.0392, 0.3199, 0.3189



34.7644, 0.2886, 0.2545



18.1413, 0.3214, 0.3170



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.



37.3350, 0.3427, 0.2927



55.1672, 0.3507, 0.2851



36.3281, 0.3719, 0.3280



11.3073, 0.3212, 0.3173



8.7253, 0.4905, 0.2476



0.4654, 0.4486, 0.2245

Inverse Universe

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



37.3350, 0.3427, 0.2927



55.1672, 0.3507, 0.2851



54.3380, 0.2732, 0.3301



11.3073, 0.3212, 0.3173



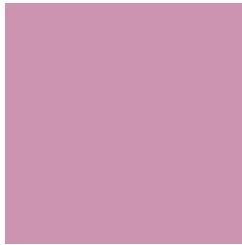
8.7253, 0.4905, 0.2476



0.4654, 0.4486, 0.2245

Previews

White Background



This preview shows how the Yxy color 37.3333, 0.3427, 0.2927 looks on a white background.

Color Contrast Check

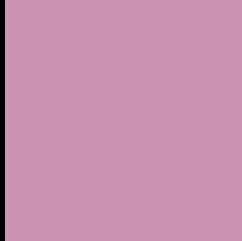
Large Text (above 18pt) WCAG AA × Fail

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 37.3333, 0.3427, 0.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

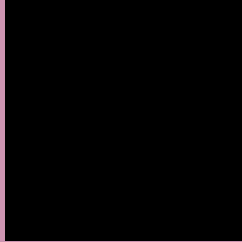
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3333, 0.3427, 0.2927

Background



This preview shows how black text looks on a background with the Yxy color 37.3333, 0.3427, 0.2927.



This preview shows how white text looks on a background with the Yxy color 37.3333, 0.3427, 0.2927.

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

37.3333, 0.3427, 0.2927

Protanopia

37.7158, 0.2909, 0.2970

Deuteranopia

37.4669, 0.3146, 0.3085



Tritanopia

37.4384, 0.3552, 0.3150

Trichromacy



Original Color

37.3333, 0.3427, 0.2927

Protanomaly

37.2197, 0.3086, 0.2953

Deuteranomaly

37.4763, 0.3246, 0.3025

Tritanomaly

37.4401, 0.3514, 0.3075

Monochromacy



Original Color

37.3333, 0.3427, 0.2927

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.2538, 0.3229, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3333, 0.3427, 0.2927 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(205, 148, 177)` looks like.

```
.text, #text, p{  
    color:rgb(205, 148, 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(205, 148, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 148, 177) }
```

Border

The CSS property to change the border of an element to Yxy 37.3333, 0.3427, 0.2927 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(205, 148, 177) }
```

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

```
.border{ border-color:rgb(205, 148, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 148, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 148, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 148, 177);  
box-shadow:4px 4px 4px 4px rgb(205, 148,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3333, 0.3427, 0.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 148, 177) }
```

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

```
.background{ background-color: rgb(205,  
148, 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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