

Converting Colors

$Yxy(37.0291, 0.3381, 0.2933)$

Have a look what the booklet for
Yxy(37.0291, 0.3381, 0.2933)
contains.

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Color

Yxy(37.0867, 0.3385, 0.2935)

Conversions

Conversions Part 1

Format	Color
Hex	C995B1
RGB	201, 149, 177
RGB Percent	79%, 58%, 69%
CMY	0.2117, 0.4157, 0.3059
CMYK	0.00, 0.26, 0.12, 0.21
HSL	328°, 33%, 69%
HSV	328°, 26%, 79%
XYZ	42.7729, 37.0867, 46.5005
YIQ	167.7400, 22.0040, 19.7320

Conversions

Conversions Part 2

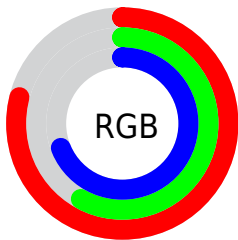
Format	Color
R _Y B	201, 149, 177
Decimal	13211057
CIE Lab	67.34, 23.93, -6.92
CIE LCh	67, 24.908, 343.870
Yxy	37.0867, 0.3385, 0.2935
Android (android.graphics.Color)	4291401137 (0xFFC995B1)
YUV	167.7400, 4.5652, 29.1690
Hunter-Lab	60.8989, 18.7982, -2.6429

Details

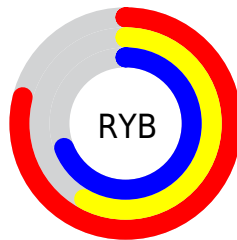
The Yxy color **37.0867, 0.3385, 0.2935** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.1854, 0.2931, 0.3675**, and the grayscale version is **38.9941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8551, 0.3308, 0.2990**, and **16.3016, 0.3464, 0.2843** is the 20% darker color. If you saturate the color by 10%, you get **30.9098, 0.3520, 0.2792**, and if you desaturate by 10%, it is **44.3897, 0.3271, 0.3077**.

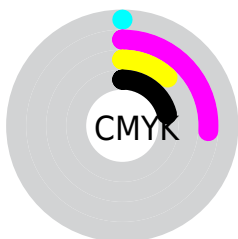
Distribution



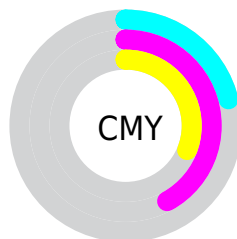
- Red (79%)
- Green (58%)
- Blue (69%)



- Red (79%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (26%)
- Yellow (12%)
- Black (21%)



- Cyan (21%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0867, 0.3385, 0.2935 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 37.0867, 0.3385, 0.2935 by changing the saturation by 10% instead.

 37.0867, 0.3385,
0.2935


 37.0867, 0.3385,
0.2935


333.6857, 0.3254,
0.3114

 25.2746, 0.3419,
0.2890


 70.7061, 0.3337,
0.3001

 16.2818, 0.3462,
0.2831


 93.2822, 0.3319,
0.3025

 9.7238, 0.3521,
0.2753


120.2152, 0.3304,
0.3046

 5.2162, 0.3605,
0.2642

151.8893, 0.3291,
0.3063

 2.3747, 0.3734,
0.2475

188.6890, 0.3280,
0.3079

 0.8128, 0.3959,
0.2191

230.9987, 0.3270,

 0.0000, 0.6507,

0.3092

0.0000

279.2028, 0.3261,
0.3104

0.0000, 0.0000,
0.0000

37.0867, 0.3385,
0.2935

37.0867, 0.3385,
0.2935

30.9098, 0.3520,
0.2792

44.3897, 0.3271,
0.3077

25.7973, 0.3678,
0.2654

52.8668, 0.3176,
0.3213

21.6887, 0.3859,
0.2530


62.5689, 0.3096,
0.3342

18.5159, 0.4060,
0.2432


73.5427, 0.3031,
0.3462


16.2018, 0.4277,
0.2370

85.8323, 0.2976,
0.3573


 14.6570, 0.4500,
0.2357


 89.8036, 0.2927,
0.3528

 13.7701, 0.4718,
0.2397

 90.3469, 0.2878,
0.3427

 13.5066, 0.4808,
0.2422

 90.9186, 0.2830,
0.3329

 91.1590, 0.2811,
0.3289

Harmonies

Analogous

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



37.0867, 0.3002, 0.2744



37.0867, 0.3385, 0.2935



37.0867, 0.3711, 0.3211

Triad

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



37.0867, 0.3385, 0.2935



37.0867, 0.3572, 0.3952



37.0867, 0.2436, 0.2989

Complementary

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



37.0867, 0.3385, 0.2935



51.1854, 0.2931, 0.3675

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.



37.0867, 0.2569, 0.3332



37.0867, 0.3385, 0.2935



37.0867, 0.3216, 0.3922

Square

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



37.0867, 0.3385, 0.2935



37.0867, 0.3817, 0.3792



37.0867, 0.2850, 0.3687



37.0867, 0.2473, 0.2759

Rectangle

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



37.0867, 0.3385, 0.2935



37.0867, 0.3841, 0.3416



37.0867, 0.2850, 0.3687



37.0867, 0.2462, 0.3095

Sweetspot

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



37.0884, 0.3385, 0.2935



87.0762, 0.3195, 0.3183



34.5290, 0.2890, 0.2600



18.1507, 0.3209, 0.3163



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.



37.0884, 0.3385, 0.2935



57.3799, 0.3457, 0.2855



36.1678, 0.3645, 0.3258



10.7308, 0.3207, 0.3166



8.5101, 0.4779, 0.2406



0.4175, 0.4365, 0.2178

Inverse Universe

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



37.0884, 0.3385, 0.2935



57.3799, 0.3457, 0.2855



52.2642, 0.2768, 0.3323



10.7308, 0.3207, 0.3166



8.5101, 0.4779, 0.2406



0.4175, 0.4365, 0.2178

Previews

White Background



This preview shows how the Yxy color 37.0867, 0.3385, 0.2935 looks on a white background.

Color Contrast Check

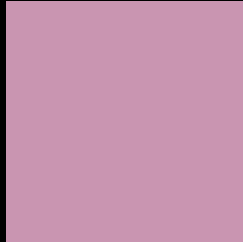
Large Text (above 18pt) WCAG AA × Fail

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 37.0867, 0.3385, 0.2935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

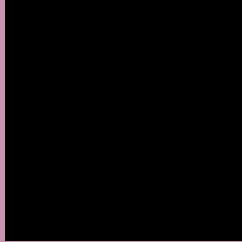
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0867, 0.3385, 0.2935

Background



This preview shows how black text looks on a background with the Yxy color 37.0867, 0.3385, 0.2935.



This preview shows how white text looks on a background with the Yxy color 37.0867, 0.3385, 0.2935.

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

37.0867, 0.3385, 0.2935

Protanopia

37.3166, 0.2916, 0.2969

Deuteranopia

37.0054, 0.3137, 0.3070



Tritanopia

36.9197, 0.3501, 0.3135

Trichromacy



Original Color

37.0867, 0.3385, 0.2935

Protanomaly

37.1027, 0.3077, 0.2952

Deuteranomaly

36.7676, 0.3218, 0.3009

Tritanomaly

36.9192, 0.3463, 0.3059

Monochromacy



Original Color

37.0867, 0.3385, 0.2935

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.1333, 0.3219, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0867, 0.3385, 0.2935 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(201, 149, 177)` looks like.

```
.text, #text, p{  
    color:rgb(201, 149, 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(201, 149, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 149, 177) }
```

Border

The CSS property to change the border of an element to Yxy 37.0867, 0.3385, 0.2935 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(201, 149, 177) }
```

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

```
.border{ border-color:rgb(201, 149, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 149, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 149, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 149, 177);  
box-shadow:4px 4px 4px 4px rgb(201, 149,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0867, 0.3385, 0.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 149, 177) }
```

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

```
.background{ background-color: rgb(201,  
149, 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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