

Converting Colors

$Y_{xy}(35.3239, 0.3422, 0.2959)$

Have a look what the booklet for
Yxy(35.3239, 0.3422, 0.2959)
contains.

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Color

Yxy(35.1968, 0.3422, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	C691AB
RGB	198, 145, 171
RGB Percent	78%, 57%, 67%
CMY	0.2234, 0.4314, 0.3294
CMYK	0.00, 0.27, 0.14, 0.22
HSL	331°, 32%, 67%
HSV	331°, 27%, 78%
XYZ	40.7730, 35.1968, 43.1798
YIQ	163.8110, 23.2420, 19.3220

Conversions

Conversions Part 2

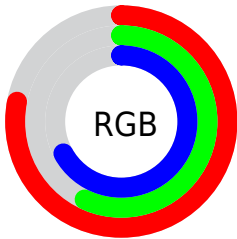
Format	Color
R _Y B	198, 145, 171
Decimal	13013419
CIE Lab	65.90, 24.07, -5.73
CIE LCh	66, 24.741, 346.610
Yxy	35.1968, 0.3422, 0.2954
Android (android.graphics.Color)	4291203499 (0xFFC691AB)
YUV	163.8110, 3.5442, 29.9838
Hunter-Lab	59.3269, 18.8539, -1.6242

Details

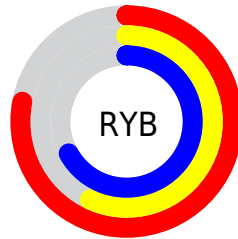
The Yxy color **35.1968, 0.3422, 0.2954** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.4027, 0.2908, 0.3653**, and the grayscale version is **37.0062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5978, 0.3365, 0.3018**, and **15.1770, 0.3505, 0.2851** is the 20% darker color. If you saturate the color by 10%, you get **29.2951, 0.3574, 0.2823**, and if you desaturate by 10%, it is **42.1859, 0.3295, 0.3084**.

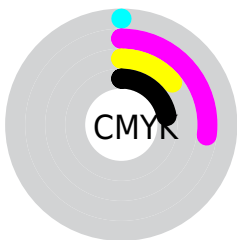
Distribution



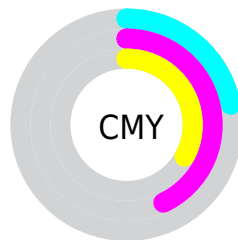
- Red (78%)
- Green (57%)
- Blue (67%)



- Red (78%)
- Yellow (57%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (14%)
- Black (22%)





- Cyan (22%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1968, 0.3422, 0.2954 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 35.1968, 0.3422, 0.2954 by changing the saturation by 10% instead.


 35.1968, 0.3422,
0.2954


 35.1968, 0.3422,
0.2954


325.4361, 0.3270,
0.3126

 23.8145, 0.3462,
0.2910


 67.7905, 0.3366,
0.3017

 15.1961, 0.3513,
0.2853


 89.7708, 0.3345,
0.3041

 8.9571, 0.3584,
0.2775


116.0524, 0.3327,
0.3060

 4.7132, 0.3687,
0.2665

147.0199, 0.3312,
0.3077

 2.0800, 0.3848,
0.2495

183.0577, 0.3299,
0.3092

 0.6533, 0.4163,
0.2151

224.5500, 0.3288,

 0.0000, 1.0000,

0.3105

0.0000

271.8814, 0.3279,
0.3116

0.0000, 0.0000,
0.0000

35.1968, 0.3422,
0.2954

35.1968, 0.3422,
0.2954

29.2951, 0.3574,
0.2823

42.1859, 0.3295,
0.3084

24.4206, 0.3752,
0.2698

50.3091, 0.3189,
0.3209

20.5146, 0.3957,
0.2587

59.6160, 0.3101,
0.3327

17.5103, 0.4186,
0.2501

70.1520, 0.3028,
0.3437

15.3325, 0.4433,
0.2454

81.9600, 0.2968,
0.3538

■ 13.8934, 0.4686,
0.2455

■ 89.3309, 0.2916,
0.3541

■ 13.0768, 0.4931,
0.2510

■ 89.9192, 0.2863,
0.3431

■ 12.8770, 0.5009,
0.2533

■ 90.5410, 0.2811,
0.3324

■ 90.7508, 0.2795,
0.3289

Harmonies

Analogous

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



35.1968, 0.3035, 0.2751



35.1968, 0.3422, 0.2954



35.1968, 0.3740, 0.3238

Triad

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



35.1968, 0.3422, 0.2954



35.1968, 0.3547, 0.3965



35.1968, 0.2425, 0.2959

Complementary

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



35.1968, 0.3422, 0.2954



49.4027, 0.2908, 0.3653

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.



35.1968, 0.2544, 0.3298



35.1968, 0.3422, 0.2954



35.1968, 0.3182, 0.3916

Square

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



35.1968, 0.3422, 0.2954



35.1968, 0.3809, 0.3818



35.1968, 0.2816, 0.3662



35.1968, 0.2479, 0.2739

Rectangle

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



35.1968, 0.3422, 0.2954



35.1968, 0.3860, 0.3446



35.1968, 0.2816, 0.3662



35.1968, 0.2446, 0.3062

Sweetspot

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



35.1984, 0.3422, 0.2954



87.0166, 0.3202, 0.3193



33.0412, 0.2905, 0.2579



18.1357, 0.3217, 0.3174



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.



35.1984, 0.3422, 0.2954



56.1270, 0.3505, 0.2879



34.3015, 0.3698, 0.3292



10.7222, 0.3214, 0.3177



8.3879, 0.4979, 0.2517



0.4118, 0.4514, 0.2260

Inverse Universe

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



35.1984, 0.3422, 0.2954



56.1270, 0.3505, 0.2879



50.5027, 0.2740, 0.3289



10.7222, 0.3214, 0.3177



8.3879, 0.4979, 0.2517



0.4118, 0.4514, 0.2260

Previews

White Background



This preview shows how the Yxy color 35.1968, 0.3422, 0.2954 looks on a white background.

Color Contrast Check

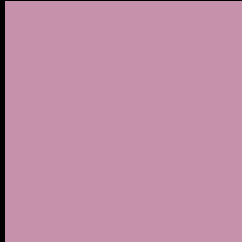
Large Text (above 18pt) WCAG AA × Fail

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 35.1968, 0.3422, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

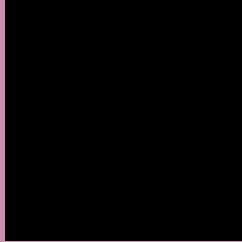
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1968, 0.3422, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 35.1968, 0.3422, 0.2954.



This preview shows how white text looks on a background with the Yxy color 35.1968, 0.3422, 0.2954.

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

35.1968, 0.3422, 0.2954

Protanopia

35.3607, 0.2937, 0.2990

Deuteranopia

35.4122, 0.3165, 0.3108



Tritanopia

35.2064, 0.3542, 0.3146

Trichromacy



Original Color

35.1968, 0.3422, 0.2954

Protanomaly

35.1698, 0.3103, 0.2972

Deuteranomaly

35.1825, 0.3248, 0.3044

Tritanomaly

35.0724, 0.3492, 0.3068

Monochromacy



Original Color

35.1968, 0.3422, 0.2954

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.1341, 0.3221, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1968, 0.3422, 0.2954 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, 145, 171)` looks like.

```
.text, #text, p{  
    color:rgb(198, 145, 171)  
}
```

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, 145, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 145, 171) }
```

Border

The CSS property to change the border of an element to Yxy 35.1968, 0.3422, 0.2954 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, 145, 171) }
```

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

```
.border{ border-color:rgb(198, 145, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 145, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 145, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 145, 171);  
box-shadow:4px 4px 4px 4px rgb(198, 145,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1968, 0.3422, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 145, 171) }
```

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

```
.background{ background-color: rgb(198,  
145, 171) }
```

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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