

Converting Colors

$Y_{xy}(35.4175, 0.3421, 0.2946)$

Have a look what the booklet for
Yxy(35.4175, 0.3421, 0.2946)
contains.

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Color

Yxy(35.3715, 0.3422, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	C791AC
RGB	199, 145, 172
RGB Percent	78%, 57%, 67%
CMY	0.2195, 0.4314, 0.3255
CMYK	0.00, 0.27, 0.14, 0.22
HSL	330°, 33%, 67%
HSV	330°, 27%, 78%
XYZ	41.1285, 35.3715, 43.6885
YIQ	164.2240, 23.5170, 19.8450

Conversions

Conversions Part 2

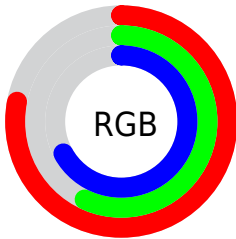
Format	Color
R _{YB}	199, 145, 172
Decimal	13078956
CIE _{Lab}	66.04, 24.58, -6.07
CIE _{LCh}	66, 25.317, 346.126
Yxy	35.3715, 0.3422, 0.2943
Android (android.graphics.Color)	4291269036 (0xFFC791AC)
YUV	164.2240, 3.8336, 30.4986
Hunter-Lab	59.4739, 19.3603, -1.9217

Details

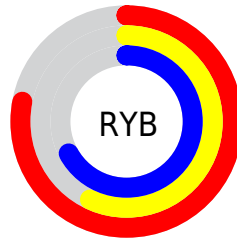
The Yxy color **35.3715, 0.3422, 0.2943** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.8544, 0.2909, 0.3666**, and the grayscale version is **37.2108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6529, 0.3358, 0.3008**, and **15.2908, 0.3505, 0.2836** is the 20% darker color. If you saturate the color by 10%, you get **29.4463, 0.3572, 0.2810**, and if you desaturate by 10%, it is **42.3940, 0.3296, 0.3075**.

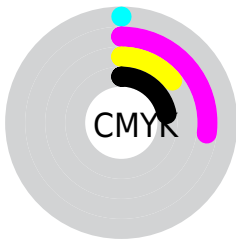
Distribution



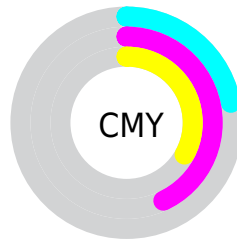
- Red (78%)
- Green (57%)
- Blue (67%)



- 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 35.3715, 0.3422, 0.2943 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 35.3715, 0.3422, 0.2943 by changing the saturation by 10% instead.


 35.3715, 0.3422,
0.2943

 35.3715, 0.3422,
0.2943


326.2051, 0.3270,
0.3120

 23.9492, 0.3461,
0.2898


 68.0609, 0.3366,
0.3008

 15.2959, 0.3513,
0.2839


 90.0967, 0.3345,
0.3032

 9.0273, 0.3583,
0.2760


116.4392, 0.3327,
0.3053

 4.7590, 0.3685,
0.2647

147.4728, 0.3313,
0.3070

 2.1066, 0.3843,
0.2474

183.5817, 0.3300,
0.3085

 0.6683, 0.4149,
0.2133

225.1505, 0.3289,

 0.0000, 1.0000,

0.3098

0.0000

272.5635, 0.3279,
0.3110

0.0000, 0.0000,
0.0000

35.3715, 0.3422,
0.2943

35.3715, 0.3422,
0.2943

29.4463, 0.3572,
0.2810

42.3940, 0.3296,
0.3075

24.5572, 0.3748,
0.2683

50.5610, 0.3191,
0.3203

20.6448, 0.3949,
0.2570

59.9230, 0.3104,
0.3324

17.6411, 0.4174,
0.2484

70.5258, 0.3032,
0.3436

15.4697, 0.4416,
0.2436

82.4130, 0.2973,
0.3540

■ 14.0413, 0.4663,
0.2438

■ 89.4753, 0.2921,
0.3539

■ 13.2338, 0.4902,
0.2492

■ 90.0563, 0.2868,
0.3430

■ 13.0548, 0.4971,
0.2512

■ 90.6698, 0.2817,
0.3324

■ 90.8848, 0.2800,
0.3289

Harmonies

Analogous

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



35.3715, 0.3027, 0.2738



35.3715, 0.3422, 0.2943



35.3715, 0.3750, 0.3231

Triad

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



35.3715, 0.3422, 0.2943



35.3715, 0.3561, 0.3979



35.3715, 0.2412, 0.2956

Complementary

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



35.3715, 0.3422, 0.2943



49.8544, 0.2909, 0.3666

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.



35.3715, 0.2536, 0.3304



35.3715, 0.3422, 0.2943



35.3715, 0.3189, 0.3933

Square

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



35.3715, 0.3422, 0.2943



35.3715, 0.3826, 0.3825



35.3715, 0.2815, 0.3676



35.3715, 0.2463, 0.2730

Rectangle

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



35.3715, 0.3422, 0.2943



35.3715, 0.3874, 0.3443



35.3715, 0.2815, 0.3676



35.3715, 0.2434, 0.3062

Sweetspot

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



35.3731, 0.3422, 0.2943



87.0280, 0.3200, 0.3191



33.1458, 0.2902, 0.2568



18.1385, 0.3215, 0.3172



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.



35.3731, 0.3422, 0.2943



55.1288, 0.3514, 0.2858



34.4388, 0.3708, 0.3292



10.7239, 0.3213, 0.3175



8.4104, 0.4940, 0.2495



0.4129, 0.4485, 0.2244

Inverse Universe

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



35.3731, 0.3422, 0.2943



55.1288, 0.3514, 0.2858



50.9996, 0.2735, 0.3289



10.7239, 0.3213, 0.3175



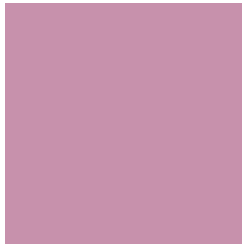
8.4104, 0.4940, 0.2495



0.4129, 0.4485, 0.2244

Previews

White Background



This preview shows how the Yxy color 35.3715, 0.3422, 0.2943 looks on a white background.

Color Contrast Check

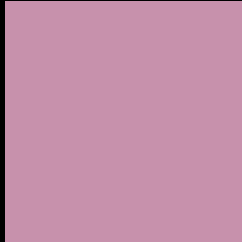
Large Text (above 18pt) WCAG AA × Fail

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 35.3715, 0.3422, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

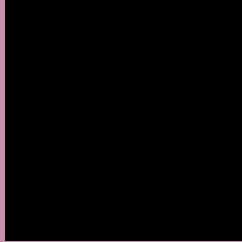
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3715, 0.3422, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 35.3715, 0.3422, 0.2943.



This preview shows how white text looks on a background with the Yxy color 35.3715, 0.3422, 0.2943.

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

35.3715, 0.3422, 0.2943

Protanopia

35.7469, 0.2929, 0.2991

Deuteranopia

35.4499, 0.3156, 0.3094



Tritanopia

35.2410, 0.3531, 0.3133

Trichromacy



Original Color

35.3715, 0.3422, 0.2943

Protanomaly

35.5413, 0.3094, 0.2973

Deuteranomaly

35.3418, 0.3249, 0.3032

Tritanomaly

35.2439, 0.3492, 0.3056

Monochromacy



Original Color

35.3715, 0.3422, 0.2943

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.2511, 0.3231, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3715, 0.3422, 0.2943 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(199, 145, 172)` looks like.

```
.text, #text, p{  
    color:rgb(199, 145, 172)  
}
```

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(199, 145, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 145, 172) }
```

Border

The CSS property to change the border of an element to Yxy 35.3715, 0.3422, 0.2943 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(199, 145, 172) }
```

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

```
.border{ border-color:rgb(199, 145, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 145, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 145, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 145, 172);  
box-shadow:4px 4px 4px 4px rgb(199, 145,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3715, 0.3422, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 145, 172) }
```

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

```
.background{ background-color: rgb(199,  
145, 172) }
```

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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