

Converting Colors

$Y_{xy}(35.1102, 0.3348, 0.2828)$

Have a look what the booklet for
Yxy(35.1102, 0.3348, 0.2828)
contains.

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Color

Yxy(35.0417, 0.3354, 0.2831)

Conversions

Conversions Part 1

Format	Color
Hex	C78FB3
RGB	199, 143, 179
RGB Percent	78%, 56%, 70%
CMY	0.2195, 0.4392, 0.2981
CMYK	0.00, 0.28, 0.10, 0.22
HSL	321°, 33%, 67%
HSV	321°, 28%, 78%
XYZ	41.5153, 35.0417, 47.2215
YIQ	163.8480, 21.8200, 23.0680

Conversions

Conversions Part 2

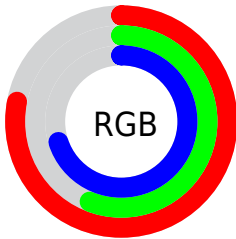
Format	Color
R_{YB}	199, 143, 179
Decimal	13078451
CIE _{Lab}	65.78, 26.86, -10.39
CIE _{LCh}	66, 28.800, 338.863
Yxy	35.0417, 0.3354, 0.2831
Android (android.graphics.Color)	4291268531 (0xFFC78FB3)
YUV	163.8480, 7.4699, 30.8283
Hunter-Lab	59.1960, 21.5924, -5.8592

Details

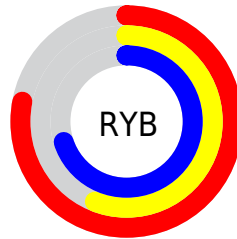
The Yxy color **35.0417, 0.3354, 0.2831** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.3393, 0.2954, 0.3799**, and the grayscale version is **37.0055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1907, 0.3300, 0.2909**, and **15.0899, 0.3420, 0.2703** is the 20% darker color. If you saturate the color by 10%, you get **29.3084, 0.3462, 0.2664**, and if you desaturate by 10%, it is **41.8530, 0.3261, 0.2999**.

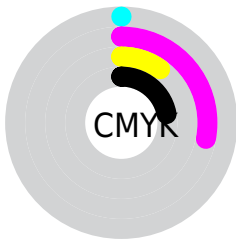
Distribution



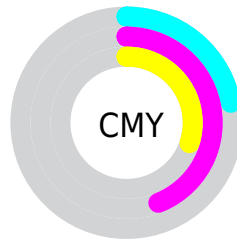
- Red (78%)
- Green (56%)
- Blue (70%)



- Red (78%)
- Yellow (56%)
- Blue (70%)



- Cyan (0%)
- Magenta (28%)
- Yellow (10%)
- Black (22%)





- Cyan (22%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0417, 0.3354, 0.2831 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 35.0417, 0.3354, 0.2831 by changing the saturation by 10% instead.


 35.0417, 0.3354,
0.2831


 35.0417, 0.3354,
0.2831


324.7524, 0.3239,
0.3063

 23.6950, 0.3383,
0.2773


 67.5504, 0.3312,
0.2916

 15.1075, 0.3420,
0.2697


 89.4811, 0.3296,
0.2947

 8.8949, 0.3471,
0.2596


115.7087, 0.3283,
0.2974

 4.6727, 0.3541,
0.2455

146.6174, 0.3272,
0.2997

 2.0565, 0.3647,
0.2243

182.5918, 0.3262,
0.3017

 0.6400, 0.3849,
0.1840

224.0161, 0.3254,

 0.0000, 0.4934,

0.3034

0.0000

271.2748, 0.3246,
0.3049

0.0000, 0.0000,
0.0000

35.0417, 0.3354,
0.2831

35.0417, 0.3354,
0.2831

29.3084, 0.3462,
0.2664

41.8530, 0.3261,
0.2999

24.5920, 0.3585,
0.2505

49.7897, 0.3182,
0.3162

20.8328, 0.3723,
0.2364

58.9020, 0.3116,
0.3318

17.9626, 0.3873,
0.2251

69.2357, 0.3060,
0.3464

15.9044, 0.4031,
0.2178

80.8343, 0.3014,
0.3600

■ 14.5676, 0.4190,
0.2154

■ 88.9209, 0.2974,
0.3650

■ 13.8151, 0.4346,
0.2177

■ 89.3096, 0.2936,
0.3571

■ 13.7002, 0.4375,
0.2184

■ 89.7147, 0.2899,
0.3493

■ 90.1361, 0.2861,
0.3416

Harmonies

Analogous

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



35.0417, 0.2906, 0.2632



35.0417, 0.3354, 0.2831



35.0417, 0.3762, 0.3136

Triad

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



35.0417, 0.3354, 0.2831



35.0417, 0.3706, 0.4051



35.0417, 0.2334, 0.2991

Complementary

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



35.0417, 0.3354, 0.2831



49.3393, 0.2954, 0.3799

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.



35.0417, 0.2517, 0.3409



35.0417, 0.3354, 0.2831



35.0417, 0.3300, 0.4066

Square

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



35.0417, 0.3354, 0.2831



35.0417, 0.3966, 0.3825



35.0417, 0.2866, 0.3824



35.0417, 0.2345, 0.2698

Rectangle

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



35.0417, 0.3354, 0.2831



35.0417, 0.3942, 0.3370



35.0417, 0.2866, 0.3824



35.0417, 0.2374, 0.3121

Sweetspot

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



35.0433, 0.3354, 0.2831



87.2072, 0.3182, 0.3163



31.5134, 0.2814, 0.2522



18.1837, 0.3193, 0.3138



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.



35.0433, 0.3354, 0.2831



54.7588, 0.3421, 0.2724



34.0361, 0.3645, 0.3181



10.7498, 0.3191, 0.3143



8.8250, 0.4355, 0.2173



0.4313, 0.4057, 0.2009

Inverse Universe

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



35.0433, 0.3354, 0.2831



54.7588, 0.3421, 0.2724



50.4390, 0.2775, 0.3404



10.7498, 0.3191, 0.3143



8.8250, 0.4355, 0.2173



0.4313, 0.4057, 0.2009

Previews

White Background



This preview shows how the Yxy color 35.0417, 0.3354, 0.2831 looks on a white background.

Color Contrast Check

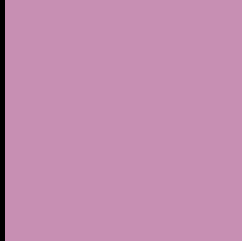
Large Text (above 18pt) WCAG AA × Fail

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 35.0417, 0.3354, 0.2831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

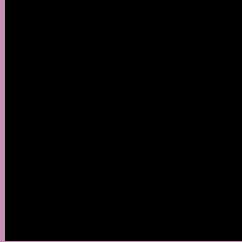
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0417, 0.3354, 0.2831

Background



This preview shows how black text looks on a background with the Yxy color 35.0417, 0.3354, 0.2831.



This preview shows how white text looks on a background with the Yxy color 35.0417, 0.3354, 0.2831.

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

35.0417, 0.3354, 0.2831

Protanopia

35.3404, 0.2830, 0.2864

Deuteranopia

35.2761, 0.3055, 0.2996



Tritanopia

35.0718, 0.3531, 0.3146

Trichromacy



Original Color

35.0417, 0.3354, 0.2831

Protanomaly

34.8313, 0.3004, 0.2849

Deuteranomaly

34.9313, 0.3154, 0.2923

Tritanomaly

35.1813, 0.3461, 0.3030

Monochromacy



Original Color

35.0417, 0.3354, 0.2831

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.9886, 0.3214, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0417, 0.3354, 0.2831 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, 143, 179)` looks like.

```
.text, #text, p{  
    color:rgb(199, 143, 179)  
}
```

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, 143, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 143, 179) }
```

Border

The CSS property to change the border of an element to Yxy 35.0417, 0.3354, 0.2831 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, 143, 179) }
```

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

```
.border{ border-color:rgb(199, 143, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 143, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 143, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 143, 179);  
box-shadow:4px 4px 4px 4px rgb(199, 143,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0417, 0.3354, 0.2831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 143, 179) }
```

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

```
.background{ background-color: rgb(199,  
143, 179) }
```

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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