

Converting Colors

$Y_{xy}(35.7033, 0.3129, 0.2839)$

Have a look what the booklet for
Yxy(35.7033, 0.3129, 0.2839)
contains.

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Color

Yxy(35.7033, 0.3129, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	B797B9
RGB	183, 151, 185
RGB Percent	72%, 59%, 73%
CMY	0.2824, 0.4078, 0.2746
CMYK	0.01, 0.18, 0.00, 0.27
HSL	296°, 20%, 66%
HSV	296°, 18%, 73%
XYZ	39.3503, 35.7033, 50.7065
YIQ	164.4440, 8.1580, 17.3580

Conversions

Conversions Part 2

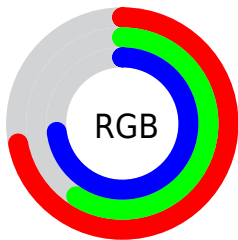
Format	Color
R_{YB}	183, 151, 185
Decimal	12031929
CIE _{Lab}	66.29, 17.95, -13.14
CIE _{LCh}	66, 22.242, 323.788
Yxy	35.7033, 0.3129, 0.2839
Android (android.graphics.Color)	4290222009 (0xFFB797B9)
YUV	164.4440, 10.1341, 16.2736
Hunter-Lab	59.7522, 12.9863, -8.4877

Details

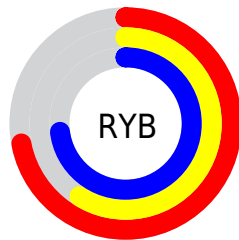
The Yxy color **35.7033, 0.3129, 0.2839** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.6967, 0.3121, 0.3781**, and the grayscale version is **37.2953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3642, 0.3130, 0.2919**, and **15.5261, 0.3127, 0.2708** is the 20% darker color. If you saturate the color by 10%, you get **30.0783, 0.3128, 0.2588**, and if you desaturate by 10%, it is **42.2666, 0.3129, 0.3088**.

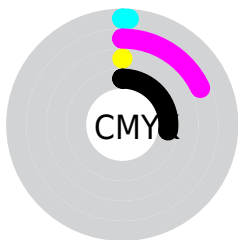
Distribution



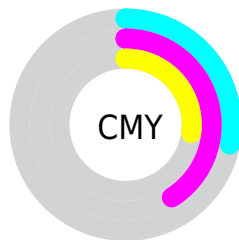
- Red (72%)
- Green (59%)
- Blue (73%)



- Red (72%)
- Yellow (59%)
- Blue (73%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)





- Cyan (28%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7033, 0.3129, 0.2839 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 35.7033, 0.3129, 0.2839 by changing the saturation by 10% instead.


 35.7033, 0.3129,
0.2839


 35.7033, 0.3129,
0.2839


327.6619, 0.3131,
0.3067

 24.2051, 0.3127,
0.2782


 68.5739, 0.3131,
0.2922

 15.4859, 0.3125,
0.2708


 90.7151, 0.3131,
0.2953

 9.1611, 0.3120,
0.2608


117.1727, 0.3131,
0.2980

 4.8464, 0.3111,
0.2469

148.3313, 0.3131,
0.3002

 2.1574, 0.3091,
0.2261

184.5750, 0.3131,
0.3021

 0.6966, 0.3055,
0.1887

226.2885, 0.3131,

 0.0000, 0.0923,

0.3038

0.0000

273.8559, 0.3131,
0.3053

■ 0.0000, 0.0000,
0.0000

■ 35.7033, 0.3129,
0.2839

■ 35.7033, 0.3129,
0.2839

■ 30.0783, 0.3128,
0.2588

■ 42.2666, 0.3129,
0.3088

■ 25.3436, 0.3125,
0.2344

■ 49.8041, 0.3127,
0.3329

■ 21.4538, 0.3120,
0.2114

■ 58.3558, 0.3124,
0.3557

■ 18.3576, 0.3113,
0.1909

■ 67.9576, 0.3121,
0.3770

■ 15.9985, 0.3104,
0.1738

■ 78.6440, 0.3117,
0.3967

■ 14.3120, 0.3092,
0.1607

■ 85.9020, 0.3117,
0.4080

■ 13.2231, 0.3080,
0.1519

■ 86.0411, 0.3123,
0.4079

■ 12.6082, 0.3066,
0.1468

■ 86.1811, 0.3130,
0.4077

■ 12.5224, 0.3063,
0.1461

■ 86.3222, 0.3137,
0.4076

Harmonies

Analogous

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



35.7033, 0.2805, 0.2738



35.7033, 0.3129, 0.2839



35.7033, 0.3469, 0.3044

Triad

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



35.7033, 0.3129, 0.2839



35.7033, 0.3695, 0.3810



35.7033, 0.2564, 0.3221

Complementary

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



35.7033, 0.3129, 0.2839



43.6967, 0.3121, 0.3781

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.



35.7033, 0.2781, 0.3549



35.7033, 0.3129, 0.2839



35.7033, 0.3432, 0.3899

Square

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



35.7033, 0.3129, 0.2839



35.7033, 0.3805, 0.3590



35.7033, 0.3096, 0.3807



35.7033, 0.2492, 0.2937

Rectangle

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



35.7033, 0.3129, 0.2839



35.7033, 0.3654, 0.3219



35.7033, 0.3096, 0.3807



35.7033, 0.2622, 0.3330

Sweetspot

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



35.7048, 0.3129, 0.2839



78.6225, 0.3128, 0.3143



32.9537, 0.2831, 0.2831



16.7696, 0.3128, 0.3128



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.7048, 0.3129, 0.2839



59.7393, 0.3129, 0.2739



35.3598, 0.3287, 0.3031



9.1353, 0.3129, 0.3064



8.5395, 0.3065, 0.1462



0.3092, 0.3105, 0.1484

Inverse Universe

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



34.7472, 0.3458, 0.3264



57.7186, 0.3550, 0.3258



44.0141, 0.2994, 0.3565



9.0205, 0.3279, 0.3277



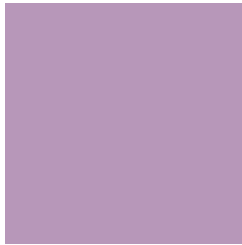
7.0430, 0.6326, 0.3258



0.2512, 0.6039, 0.3100

Previews

White Background



This preview shows how the Yxy color 35.7033, 0.3129, 0.2839 looks on a white background.

Color Contrast Check

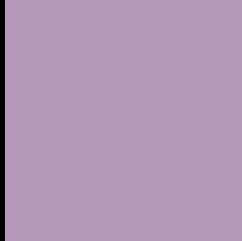
Large Text (above 18pt) WCAG AA × Fail

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 35.7033, 0.3129, 0.2839 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 35.7033, 0.3129, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 35.7033, 0.3129, 0.2839.



This preview shows how white text looks on a background with the Yxy color 35.7033, 0.3129, 0.2839.

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

35.7033, 0.3129, 0.2839

Protanopia

35.8718, 0.2823, 0.2854

Deuteranopia

35.6816, 0.2976, 0.2914



Tritanopia

35.5677, 0.3274, 0.3125

Trichromacy



Original Color

35.7033, 0.3129, 0.2839

Protanomaly

35.7874, 0.2925, 0.2848

Deuteranomaly

35.6740, 0.3032, 0.2893

Tritanomaly

35.6234, 0.3219, 0.3018

Monochromacy



Original Color

35.7033, 0.3129, 0.2839

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.4328, 0.3126, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7033, 0.3129, 0.2839 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(183, 151, 185)` looks like.

```
.text, #text, p{  
    color:rgb(183, 151, 185)  
}
```

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(183, 151, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 151, 185) }
```

Border

The CSS property to change the border of an element to Yxy 35.7033, 0.3129, 0.2839 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(183, 151, 185) }
```

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

```
.border{ border-color:rgb(183, 151, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 151, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 151, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 151, 185);  
box-shadow:4px 4px 4px 4px rgb(183, 151,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7033, 0.3129, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 151, 185) }
```

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

```
.background{ background-color: rgb(183,  
151, 185) }
```

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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