

Converting Colors

$Y_{xy}(35.5029, 0.3209, 0.3017)$

Have a look what the booklet for
Yxy(35.5029, 0.3209, 0.3017)
contains.

Yxy(35.5029, 0.3209, 0.3017)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.5029, 0.3209, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	B499AD
RGB	180, 153, 173
RGB Percent	71%, 60%, 68%
CMY	0.2940, 0.4000, 0.3215
CMYK	0.00, 0.15, 0.04, 0.29
HSL	316°, 15%, 65%
HSV	316°, 15%, 71%
XYZ	37.7623, 35.5029, 44.4110
YIQ	163.3530, 9.6720, 11.9440

Conversions

Conversions Part 2

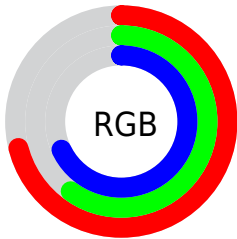
Format	Color
R_{YB}	180, 153, 173
Decimal	11835821
CIE Lab	66.14, 13.53, -6.70
CIE LCh	66, 15.098, 333.637
Yxy	35.5029, 0.3209, 0.3017
Android (android.graphics.Color)	4290025901 (0xFFB499AD)
YUV	163.3530, 4.7560, 14.5994
Hunter-Lab	59.5843, 8.8540, -2.4826

Details

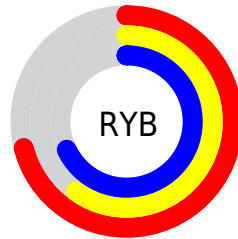
The Yxy color **35.5029, 0.3209, 0.3017** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.9611, 0.3054, 0.3579**, and the grayscale version is **36.7773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0600, 0.3197, 0.3069**, and **15.3952, 0.3228, 0.2931** is the 20% darker color. If you saturate the color by 10%, you get **29.8723, 0.3275, 0.2828**, and if you desaturate by 10%, it is **42.0319, 0.3152, 0.3201**.

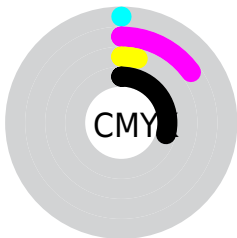
Distribution



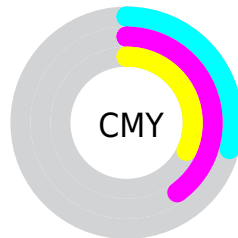
- Red (71%)
- Green (60%)
- Blue (68%)



- Red (71%)
- Yellow (60%)
- Blue (68%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (29%)




- Cyan (29%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5029, 0.3209, 0.3017 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 35.5029, 0.3209, 0.3017 by changing the saturation by 10% instead.


 35.5029, 0.3209,
0.3017


 35.5029, 0.3209,
0.3017


326.7826, 0.3168,
0.3157

 24.0505, 0.3219,
0.2981


 68.2641, 0.3194,
0.3069

 15.3711, 0.3233,
0.2934


 90.3417, 0.3188,
0.3088

 9.0802, 0.3251,
0.2870


116.7299, 0.3183,
0.3104

 4.7936, 0.3277,
0.2779

147.8130, 0.3179,
0.3118

 2.1267, 0.3316,
0.2638

183.9754, 0.3176,
0.3129

 0.6796, 0.3399,
0.2349

225.6015, 0.3173,

 0.0000, 0.0000,

0.3140

0.0000

273.0758, 0.3170,
0.3149

■ 35.5029, 0.3209,
0.3017

■ 35.5029, 0.3209,
0.3017

■ 29.8723, 0.3275,
0.2828

■ 42.0319, 0.3152,
0.3201

■ 25.0958, 0.3350,
0.2639

■ 49.4920, 0.3104,
0.3376

■ 21.1321, 0.3435,
0.2456

■ 57.9198, 0.3063,
0.3541

■ 17.9347, 0.3529,
0.2290

■ 67.3486, 0.3029,
0.3694

■ 15.4524, 0.3629,
0.2149

■ 77.8103, 0.3000,
0.3835

■ 13.6278, 0.3733,
0.2045

■ 85.4423, 0.2976,
0.3904

■ 12.3945, 0.3839,
0.1984

■ 85.6649, 0.2951,
0.3849

■ 11.6715, 0.3941,
0.1970

■ 85.8942, 0.2926,
0.3794

■ 11.4115, 0.3993,
0.1973

■ 86.1303, 0.2902,
0.3739

Harmonies

Analogous

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



35.5029, 0.2977, 0.2920



35.5029, 0.3209, 0.3017



35.5029, 0.3426, 0.3181

Triad

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



35.5029, 0.3209, 0.3017



35.5029, 0.3466, 0.3677



35.5029, 0.2711, 0.3179

Complementary

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



35.5029, 0.3209, 0.3017



41.9611, 0.3054, 0.3579

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.



35.5029, 0.2832, 0.3395



35.5029, 0.3209, 0.3017



35.5029, 0.3266, 0.3692

Square

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



35.5029, 0.3209, 0.3017



35.5029, 0.3577, 0.3557



35.5029, 0.3034, 0.3588



35.5029, 0.2696, 0.3004

Rectangle

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



35.5029, 0.3209, 0.3017



35.5029, 0.3529, 0.3310



35.5029, 0.3034, 0.3588



35.5029, 0.2740, 0.3249

Sweetspot

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



35.5045, 0.3209, 0.3017



76.1015, 0.3153, 0.3200



33.5243, 0.2951, 0.2903



16.2601, 0.3156, 0.3187



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.5045, 0.3209, 0.3017



60.8210, 0.3230, 0.2955



35.0156, 0.3336, 0.3197



8.6084, 0.3176, 0.3123



7.9736, 0.3981, 0.1967



0.2598, 0.3723, 0.1825

Inverse Universe

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



35.5045, 0.3209, 0.3017



60.8210, 0.3230, 0.2955



42.4508, 0.2953, 0.3385



8.6084, 0.3176, 0.3123



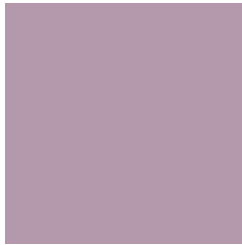
7.9736, 0.3981, 0.1967



0.2598, 0.3723, 0.1825

Previews

White Background



This preview shows how the Yxy color 35.5029, 0.3209, 0.3017 looks on a white background.

Color Contrast Check

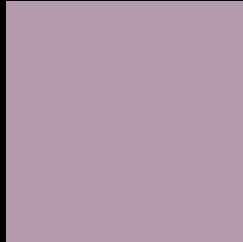
Large Text (above 18pt) WCAG AA × Fail

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 35.5029, 0.3209, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

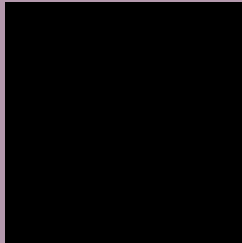
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5029, 0.3209, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 35.5029, 0.3209, 0.3017.



This preview shows how white text looks on a background with the Yxy color 35.5029, 0.3209, 0.3017.

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

35.5029, 0.3209, 0.3017

Protanopia

35.6869, 0.2971, 0.3047

Deuteranopia

35.4134, 0.3128, 0.3066



Tritanopia

35.4481, 0.3264, 0.3125

Trichromacy



Original Color

35.5029, 0.3209, 0.3017

Protanomaly

35.4640, 0.3054, 0.3023

Deuteranomaly

35.4199, 0.3158, 0.3054

Tritanomaly

35.5595, 0.3236, 0.3084

Monochromacy



Original Color

35.5029, 0.3209, 0.3017

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0213, 0.3152, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5029, 0.3209, 0.3017 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(180, 153, 173)` looks like.

```
.text, #text, p{  
    color:rgb(180, 153, 173)  
}
```

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(180, 153, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 153, 173) }
```

Border

The CSS property to change the border of an element to Yxy 35.5029, 0.3209, 0.3017 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(180, 153, 173) }
```

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

```
.border{ border-color:rgb(180, 153, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 153, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 153, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 153, 173);  
box-shadow:4px 4px 4px 4px rgb(180, 153,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5029, 0.3209, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 153, 173) }
```

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

```
.background{ background-color: rgb(180,  
153, 173) }
```

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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