

Converting Colors

$Y_{xy}(35.4951, 0.2996, 0.2610)$

Have a look what the booklet for
Yxy(35.4951, 0.2996, 0.2610)
contains.

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Color

Yxy(35.5872, 0.2997, 0.2608)

Conversions

Conversions Part 1

Format	Color
Hex	B894C9
RGB	184, 148, 201
RGB Percent	72%, 58%, 79%
CMY	0.2785, 0.4196, 0.2118
CMYK	0.08, 0.26, 0.00, 0.21
HSL	281°, 33%, 68%
HSV	281°, 26%, 79%
XYZ	40.8953, 35.5872, 59.9715
YIQ	164.8060, 4.4430, 24.1150

Conversions

Conversions Part 2

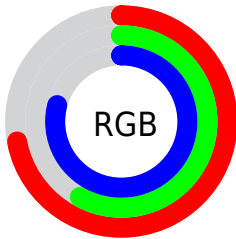
Format	Color
RYB	184, 148, 201
Decimal	12096713
CIELab	66.20, 23.14, -22.21
CIELCh	66, 32.079, 316.177
Yxy	35.5872, 0.2997, 0.2608
Android (android.graphics.Color)	4290286793 (0xFFB894C9)
YUV	164.8060, 17.8436, 16.8331
Hunter-Lab	59.6550, 17.9707, -17.8461

Details

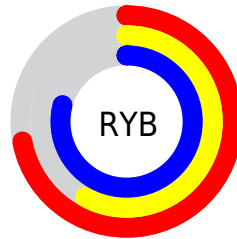
The Yxy color **35.5872, 0.2997, 0.2608** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.9152, 0.3224, 0.4008**, and the grayscale version is **37.4405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9863, 0.3042, 0.2754**, and **15.4018, 0.2941, 0.2416** is the 20% darker color. If you saturate the color by 10%, you get **29.0411, 0.2932, 0.2333**, and if you desaturate by 10%, it is **43.2676, 0.3053, 0.2877**.

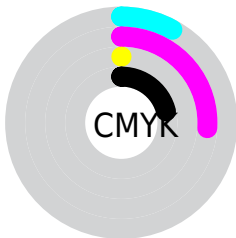
Distribution



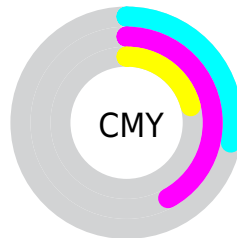
- Red (72%)
- Green (58%)
- Blue (79%)



- Red (72%)
- Yellow (58%)
- Blue (79%)



- Cyan (8%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)




- Cyan (28%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5872, 0.2997, 0.2608 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 35.5872, 0.2997, 0.2608 by changing the saturation by 10% instead.


 35.5872, 0.2997,
0.2608


 35.5872, 0.2997,
0.2608


327.1527, 0.3071,
0.2946

 24.1156, 0.2976,
0.2525


 68.3944, 0.3026,
0.2730

 15.4194, 0.2948,
0.2419


 90.4988, 0.3036,
0.2776

 9.1142, 0.2907,
0.2280


116.9162, 0.3044,
0.2815

 4.8158, 0.2846,
0.2091

148.0311, 0.3051,
0.2849

 2.1396, 0.2746,
0.1819

184.2278, 0.3057,
0.2878

 0.6867, 0.2565,
0.1380

225.8906, 0.3062,

 0.0000, 0.1306,

0.2904

0.0000

273.4042, 0.3067,
0.2926

■ 0.0000, 0.0000,
0.0000

■ 35.5872, 0.2997,
0.2608

■ 35.5872, 0.2997,
0.2608

■ 29.0411, 0.2932,
0.2333

■ 43.2676, 0.3053,
0.2877

■ 23.5678, 0.2859,
0.2061

■ 52.1307, 0.3101,
0.3135

■ 19.1066, 0.2779,
0.1803


■ 62.2277, 0.3141,
0.3376


■ 15.5887, 0.2694,
0.1572


■ 73.6052, 0.3174,
0.3598

■ 12.9368, 0.2607,
0.1378


■ 86.3076, 0.3200,
0.3801

 11.0608, 0.2520,
0.1230

 91.3810, 0.3236,
0.3858

 9.8454, 0.2437,
0.1130

 92.4247, 0.3277,
0.3850

 9.4869, 0.2408,
0.1100

 93.5080, 0.3320,
0.3843

 94.6312, 0.3362,
0.3835

Harmonies

Analogous

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



35.5872, 0.2568, 0.2507



35.5872, 0.2997, 0.2608



35.5872, 0.3498, 0.2858

Triad

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



35.5872, 0.2997, 0.2608



35.5872, 0.4005, 0.3952



35.5872, 0.2386, 0.3299

Complementary

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



35.5872, 0.2997, 0.2608



51.9152, 0.3224, 0.4008

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.



35.5872, 0.2729, 0.3784



35.5872, 0.2997, 0.2608



35.5872, 0.3665, 0.4163

Square

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



35.5872, 0.2997, 0.2608



35.5872, 0.4105, 0.3599



35.5872, 0.3195, 0.4117



35.5872, 0.2238, 0.2860

Rectangle

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



35.5872, 0.2997, 0.2608



35.5872, 0.3797, 0.3084



35.5872, 0.3195, 0.4117



35.5872, 0.2481, 0.3464

Sweetspot

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



35.5887, 0.2997, 0.2608



86.4460, 0.3093, 0.3091



37.6690, 0.2699, 0.2798



17.9907, 0.3086, 0.3052



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.



35.5887, 0.2997, 0.2608



53.8833, 0.2959, 0.2441



37.4149, 0.3239, 0.2741



10.6392, 0.3087, 0.3059



6.0160, 0.2419, 0.1106



0.3226, 0.2588, 0.1199

Inverse Universe

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



36.3196, 0.3508, 0.3072



55.4530, 0.3628, 0.3019



50.4996, 0.3032, 0.3909



10.6922, 0.3240, 0.3216



8.0595, 0.5662, 0.2893



0.3950, 0.5062, 0.2562

Previews

White Background



This preview shows how the Yxy color 35.5872, 0.2997, 0.2608 looks on a white background.

Color Contrast Check

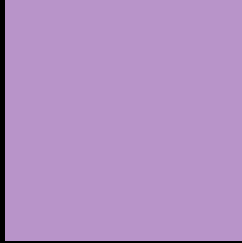
Large Text (above 18pt) WCAG AA × Fail

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 35.5872, 0.2997, 0.2608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

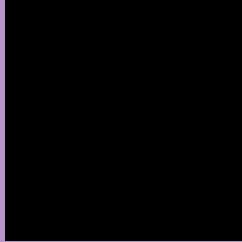
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5872, 0.2997, 0.2608

Background



This preview shows how black text looks on a background with the Yxy color 35.5872, 0.2997, 0.2608.



This preview shows how white text looks on a background with the Yxy color 35.5872, 0.2997, 0.2608.

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

35.5872, 0.2997, 0.2608

Protanopia

35.6956, 0.2634, 0.2603

Deuteranopia

35.7453, 0.2778, 0.2725



Tritanopia

35.4849, 0.3255, 0.3111

Trichromacy



Original Color

35.5872, 0.2997, 0.2608

Protanomaly

35.4760, 0.2756, 0.2603

Deuteranomaly

35.4968, 0.2853, 0.2671

Tritanomaly

35.5349, 0.3164, 0.2926

Monochromacy



Original Color

35.5872, 0.2997, 0.2608

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.7813, 0.3083, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5872, 0.2997, 0.2608 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(184, 148, 201)` looks like.

```
.text, #text, p{  
    color:rgb(184, 148, 201)  
}
```

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(184, 148, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 148, 201) }
```

Border

The CSS property to change the border of an element to Yxy 35.5872, 0.2997, 0.2608 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(184, 148, 201) }
```

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

```
.border{ border-color:rgb(184, 148, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 148, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 148, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 148, 201);  
box-shadow:4px 4px 4px 4px rgb(184, 148,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5872, 0.2997, 0.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 148, 201) }
```

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

```
.background{ background-color: rgb(184,  
148, 201) }
```

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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