

Converting Colors

$Yxy(35.4356, 0.2924, 0.2607)$

Have a look what the booklet for
Yxy(35.4356, 0.2924, 0.2607)
contains.

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Color

Yxy(35.4241, 0.2924, 0.2610)

Conversions

Conversions Part 1

Format	Color
Hex	B196CA
RGB	177, 150, 202
RGB Percent	69%, 59%, 79%
CMY	0.3061, 0.4116, 0.2079
CMYK	0.12, 0.26, 0.00, 0.21
HSL	271°, 33%, 69%
HSV	271°, 26%, 79%
XYZ	39.6858, 35.4241, 60.6146
YIQ	164.0010, -0.6000, 21.8960

Conversions

Conversions Part 2

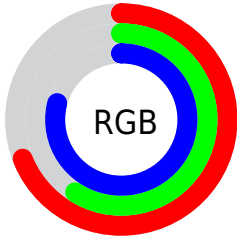
Format	Color
R _Y B	177, 150, 202
Decimal	11638474
CIE Lab	66.08, 19.93, -23.01
CIE LCh	66, 30.443, 310.891
Yxy	35.4241, 0.2924, 0.2610
Android (android.graphics.Color)	4289828554 (0xFFB196CA)
YUV	164.0010, 18.7335, 11.4001
Hunter-Lab	59.5181, 14.8645, -18.7195

Details

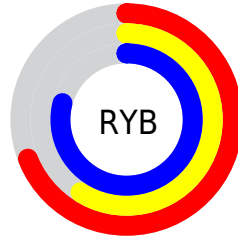
The Yxy color **35.4241, 0.2924, 0.2610** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.5617, 0.3289, 0.3975**, and the grayscale version is **37.0323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7294, 0.2992, 0.2767**, and **15.3469, 0.2854, 0.2417** is the 20% darker color. If you saturate the color by 10%, you get **28.4210, 0.2823, 0.2319**, and if you desaturate by 10%, it is **43.6229, 0.3013, 0.2889**.

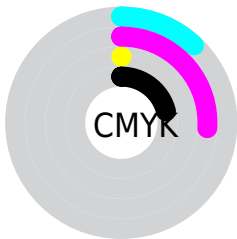
Distribution



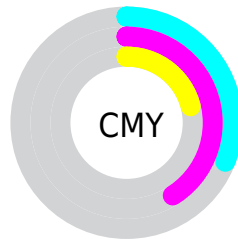
- Red (69%)
- Green (59%)
- Blue (79%)



- Red (69%)
- Yellow (59%)
- Blue (79%)



- Cyan (12%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)





- Cyan (31%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.4241, 0.2924, 0.2610 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 35.4241, 0.2924, 0.2610 by changing the saturation by 10% instead.


 35.4241, 0.2924,
0.2610


 35.4241, 0.2924,
0.2610


326.4363, 0.3034,
0.2949

 23.9897, 0.2894,
0.2527


 68.1422, 0.2966,
0.2732

 15.3260, 0.2853,
0.2420


 90.1948, 0.2981,
0.2779

 9.0485, 0.2797,
0.2280


116.5556, 0.2994,
0.2818

 4.7728, 0.2714,
0.2089

147.6090, 0.3005,
0.2851

 2.1146, 0.2581,
0.1813

183.7394, 0.3014,
0.2880

 0.6728, 0.2350,
0.1364

225.3311, 0.3022,

 0.0000, 0.0604,

0.2906

0.0000

272.7686, 0.3028,
0.2928

0.0000, 0.0000,
0.0000

35.4241, 0.2924,
0.2610

35.4241, 0.2924,
0.2610

28.4210, 0.2823,
0.2319

43.6229, 0.3013,
0.2889

22.5505, 0.2711,
0.2025

53.0676, 0.3089,
0.3150

17.7504, 0.2589,
0.1739

63.8108, 0.3154,
0.3390

13.9502, 0.2462,
0.1475

75.9005, 0.3208,
0.3609

11.0710, 0.2334,
0.1248

89.3826, 0.3253,
0.3805

9.0210, 0.2211,
0.1070

93.5092, 0.3312,
0.3833

7.6871, 0.2098,
0.0947

95.2162, 0.3376,
0.3822

7.2423, 0.2053,
0.0904

97.0154, 0.3441,
0.3811

97.0437, 0.3442,
0.3810

Harmonies

Analogous

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



35.4241, 0.2537, 0.2543



35.4241, 0.2924, 0.2610



35.4241, 0.3397, 0.2827

Triad

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



35.4241, 0.2924, 0.2610



35.4241, 0.3998, 0.3870



35.4241, 0.2467, 0.3383

Complementary

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



35.4241, 0.2924, 0.2610



53.5617, 0.3289, 0.3975

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.



35.4241, 0.2822, 0.3829



35.4241, 0.2924, 0.2610



35.4241, 0.3710, 0.4100

Square

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



35.4241, 0.2924, 0.2610



35.4241, 0.4045, 0.3523



35.4241, 0.3276, 0.4102



35.4241, 0.2289, 0.2947

Rectangle

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



35.4241, 0.2924, 0.2610



35.4241, 0.3695, 0.3034



35.4241, 0.3276, 0.4102



35.4241, 0.2568, 0.3539

Sweetspot

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



35.4256, 0.2924, 0.2610



85.8498, 0.3072, 0.3089



41.4663, 0.2720, 0.2922



17.8403, 0.3060, 0.3050



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.



35.4256, 0.2924, 0.2610



52.9849, 0.2868, 0.2445



38.6000, 0.3165, 0.2666



11.1249, 0.3062, 0.3056



4.7143, 0.2066, 0.0912



0.2883, 0.2277, 0.1028

Inverse Universe

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



37.4757, 0.3412, 0.2973



57.1495, 0.3496, 0.2899



50.9531, 0.3087, 0.4005



11.3023, 0.3216, 0.3179



8.6580, 0.5017, 0.2538



0.4620, 0.4572, 0.2292

Previews

White Background



This preview shows how the Yxy color 35.4241, 0.2924, 0.2610 looks on a white background.

Color Contrast Check

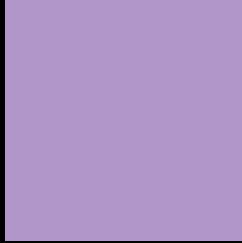
Large Text (above 18pt) WCAG AA × Fail

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 35.4241, 0.2924, 0.2610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

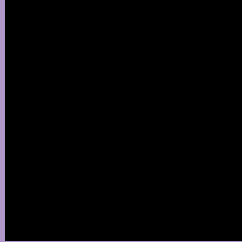
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4241, 0.2924, 0.2610

Background



This preview shows how black text looks on a background with the Yxy color 35.4241, 0.2924, 0.2610.



This preview shows how white text looks on a background with the Yxy color 35.4241, 0.2924, 0.2610.

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

35.4241, 0.2924, 0.2610

Protanopia

35.6462, 0.2641, 0.2615

Deuteranopia

35.7387, 0.2754, 0.2698



Tritanopia

35.4122, 0.3165, 0.3108

Trichromacy



Original Color

35.4241, 0.2924, 0.2610

Protanomaly

35.6041, 0.2740, 0.2614

Deuteranomaly

35.5522, 0.2819, 0.2668

Tritanomaly

35.4461, 0.3077, 0.2920

Monochromacy



Original Color

35.4241, 0.2924, 0.2610

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.4456, 0.3055, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4241, 0.2924, 0.2610 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(177, 150, 202)` looks like.

```
.text, #text, p{  
    color:rgb(177, 150, 202)  
}
```

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(177, 150, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 150, 202) }
```

Border

The CSS property to change the border of an element to Yxy 35.4241, 0.2924, 0.2610 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(177, 150, 202) }
```

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

```
.border{ border-color:rgb(177, 150, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 150, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 150, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 150, 202);  
box-shadow:4px 4px 4px 4px rgb(177, 150,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4241, 0.2924, 0.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 150, 202) }
```

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

```
.background{ background-color: rgb(177,  
150, 202) }
```

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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