

Converting Colors

$Y_{xy}(35.8272, 0.3149, 0.2833)$

Have a look what the booklet for
Yxy(35.8272, 0.3149, 0.2833)
contains.

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Color

Yxy(35.9503, 0.3148, 0.2841)

Conversions

Conversions Part 1

Format	Color
Hex	B997B9
RGB	185, 151, 185
RGB Percent	73%, 59%, 73%
CMY	0.2745, 0.4079, 0.2744
CMYK	0.00, 0.18, 0.00, 0.27
HSL	300°, 20%, 66%
HSV	300°, 18%, 73%
XYZ	39.8351, 35.9503, 50.7556
YIQ	165.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

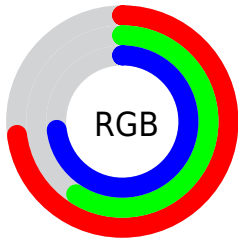
Format	Color
R_{YB}	185, 151, 185
Decimal	12163001
CIE _{Lab}	66.48, 18.65, -12.86
CIE _{LCh}	66, 22.659, 325.410
Yxy	35.9503, 0.3148, 0.2841
Android (android.graphics.Color)	4290353081 (0xFFB997B9)
YUV	165.0420, 9.8393, 17.5032
Hunter-Lab	59.9586, 13.6638, -8.2186

Details

The Yxy color **35.9503, 0.3148, 0.2841** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.5268, 0.3104, 0.3784**, and the grayscale version is **37.5983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7143, 0.3144, 0.2921**, and **15.6858, 0.3154, 0.2713** is the 20% darker color. If you saturate the color by 10%, you get **30.4548, 0.3159, 0.2595**, and if you desaturate by 10%, it is **42.3836, 0.3137, 0.3088**.

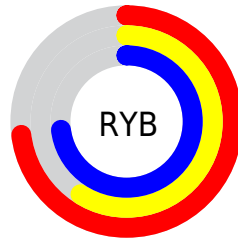
Distribution



Red (73%)

Green (59%)

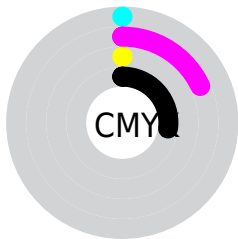
Blue (73%)



Red (73%)

Yellow (59%)

Blue (73%)

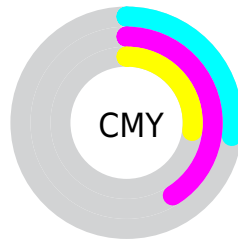


Cyan (0%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (41%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9503, 0.3148, 0.2841 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 35.9503, 0.3148, 0.2841 by changing the saturation by 10% instead.


 35.9503, 0.3148,
0.2841


 35.9503, 0.3148,
0.2841


328.7433, 0.3140,
0.3067

 24.3958, 0.3149,
0.2784


 68.9553, 0.3146,
0.2924

 15.6275, 0.3150,
0.2711


 91.1747, 0.3145,
0.2955

 9.2609, 0.3149,
0.2612


117.7178, 0.3144,
0.2981

 4.9118, 0.3147,
0.2475

148.9690, 0.3143,
0.3003

 2.1956, 0.3138,
0.2269

185.3128, 0.3142,
0.3022

 0.7176, 0.3118,
0.1907

227.1335, 0.3142,

 0.0000, 0.1520,

0.3039

0.0000

274.8155, 0.3141,
0.3054

0.0000, 0.0000,
0.0000

35.9503, 0.3148,
0.2841

35.9503, 0.3148,
0.2841

30.4548, 0.3159,
0.2595

42.3836, 0.3137,
0.3088

25.8490, 0.3170,
0.2356

49.7906, 0.3125,
0.3328

22.0874, 0.3181,
0.2135

58.2113, 0.3115,
0.3557

19.1189, 0.3190,
0.1941

67.6816, 0.3105,
0.3772

16.8866, 0.3197,
0.1782

78.2361, 0.3095,
0.3971

■ 15.3263, 0.3202,
0.1663

■ 85.3489, 0.3090,
0.4086

■ 14.3625, 0.3206,
0.1586

■ 85.3504, 0.3090,
0.4086

■ 13.8715, 0.3207,
0.1546

■ 85.3520, 0.3090,
0.4086

■ 13.8068, 0.3208,
0.1541

■ 85.3536, 0.3090,
0.4086

Harmonies

Analogous

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



35.9503, 0.2816, 0.2732



35.9503, 0.3148, 0.2841



35.9503, 0.3492, 0.3054

Triad

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



35.9503, 0.3148, 0.2841



35.9503, 0.3693, 0.3827



35.9503, 0.2547, 0.3202

Complementary

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



35.9503, 0.3148, 0.2841



43.5268, 0.3104, 0.3784

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.



35.9503, 0.2760, 0.3536



35.9503, 0.3148, 0.2841



35.9503, 0.3419, 0.3910

Square

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



35.9503, 0.3148, 0.2841



35.9503, 0.3815, 0.3608



35.9503, 0.3077, 0.3805



35.9503, 0.2483, 0.2918

Rectangle

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



35.9503, 0.3148, 0.2841



35.9503, 0.3675, 0.3233



35.9503, 0.3077, 0.3805



35.9503, 0.2603, 0.3312

Sweetspot

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



35.9519, 0.3148, 0.2841



78.7671, 0.3134, 0.3144



32.3986, 0.2829, 0.2804



16.8040, 0.3135, 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.



35.9519, 0.3148, 0.2841



60.2662, 0.3153, 0.2743



35.2995, 0.3304, 0.3053



9.1624, 0.3138, 0.3065



9.3977, 0.3208, 0.1541



0.3314, 0.3208, 0.1541

Inverse Universe

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



34.6856, 0.3479, 0.3291



57.5870, 0.3576, 0.3291



44.0969, 0.2981, 0.3540



9.0123, 0.3288, 0.3290



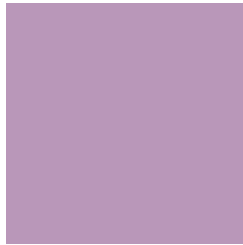
7.0233, 0.6400, 0.3299



0.2476, 0.6396, 0.3297

Previews

White Background



This preview shows how the Yxy color 35.9503, 0.3148, 0.2841 looks on a white background.

Color Contrast Check

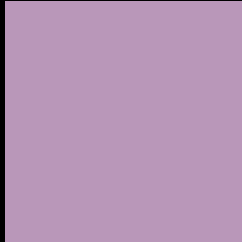
Large Text (above 18pt) WCAG AA × Fail

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 35.9503, 0.3148, 0.2841 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 35.9503, 0.3148, 0.2841

Background



This preview shows how black text looks on a background with the Yxy color 35.9503, 0.3148, 0.2841.



This preview shows how white text looks on a background with the Yxy color 35.9503, 0.3148, 0.2841.

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

35.9503, 0.3148, 0.2841

Protanopia

35.9711, 0.2832, 0.2855

Deuteranopia

36.1299, 0.2985, 0.2930



Tritanopia

35.8095, 0.3294, 0.3126

Trichromacy



Original Color

35.9503, 0.3148, 0.2841

Protanomaly

36.0036, 0.2943, 0.2850

Deuteranomaly

35.9021, 0.3050, 0.2895

Tritanomaly

35.8669, 0.3239, 0.3020

Monochromacy



Original Color

35.9503, 0.3148, 0.2841

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.8908, 0.3135, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9503, 0.3148, 0.2841 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(185, 151, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 151, 185) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 35.9503, 0.3148, 0.2841 is called "border". The border property can be set on classes, ids or directly on the HTML element.

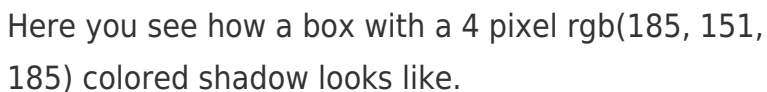
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 151, 185) }
```

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

```
.border{ border-color:rgb(185, 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(185, 151, 185)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 35.9503, 0.3148, 0.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(185,  
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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