

Converting Colors

Yxy(33.9349, 0.3115, 0.2699)

Have a look what the booklet for
Yxy(33.9349, 0.3115, 0.2699)
contains.

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Color

Yxy(33.9349, 0.3115, 0.2699)

Conversions

Conversions Part 1

Format	Color
Hex	B990BD
RGB	185, 144, 189
RGB Percent	73%, 56%, 74%
CMY	0.2745, 0.4353, 0.2588
CMYK	0.02, 0.24, 0.00, 0.26
HSL	295°, 25%, 65%
HSV	295°, 24%, 74%
XYZ	39.1653, 33.9349, 52.6312
YIQ	161.3890, 9.9910, 22.6870

Conversions

Conversions Part 2

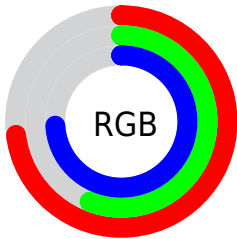
Format	Color
R _Y B	185, 144, 189
Decimal	12161213
CIE Lab	64.91, 23.32, -17.46
CIE LCh	65, 29.128, 323.174
Yxy	33.9349, 0.3115, 0.2699
Android (android.graphics.Color)	4290351293 (0xFFB990BD)
YUV	161.3890, 13.6122, 20.7068
Hunter-Lab	58.2537, 18.0659, -12.7899

Details

The Yxy color **33.9349, 0.3115, 0.2699** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.7074, 0.3129, 0.3946**, and the grayscale version is **35.7636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6815, 0.3120, 0.2809**, and **14.4316, 0.3093, 0.2519** is the 20% darker color. If you saturate the color by 10%, you get **28.4739, 0.3106, 0.2447**, and if you desaturate by 10%, it is **40.3597, 0.3122, 0.2952**.

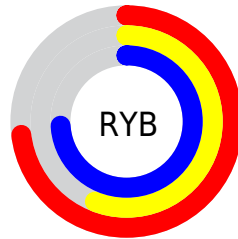
Distribution



Red (73%)

Green (56%)

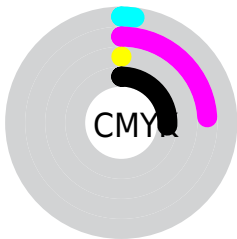
Blue (74%)



Red (73%)

Yellow (56%)

Blue (74%)

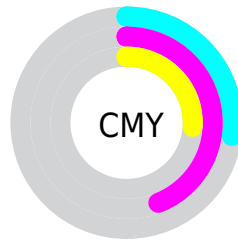


Cyan (2%)

Magenta (24%)

Yellow (0%)

Black (26%)



Cyan (27%)


Magenta (44%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9349, 0.3115, 0.2699 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 33.9349, 0.3115, 0.2699 by changing the saturation by 10% instead.

 33.9349, 0.3115,
0.2699


 33.9349, 0.3115,
0.2699


319.8417, 0.3127,
0.2996

 22.8436, 0.3110,
0.2625


 65.8324, 0.3121,
0.2807

 14.4781, 0.3103,
0.2529


 87.4074, 0.3122,
0.2848

 8.4539, 0.3091,
0.2402


113.2458, 0.3124,
0.2882

 4.3867, 0.3070,
0.2225

143.7319, 0.3125,
0.2911

 1.8922, 0.3029,
0.1965

179.2501, 0.3125,
0.2937

 0.5437, 0.2969,
0.1454

220.1849, 0.3126,

 0.0000, 0.0526,

0.2959

0.0000

266.9206, 0.3126,
0.2979

0.0000, 0.0000,
0.0000

33.9349, 0.3115,
0.2699

33.9349, 0.3115,
0.2699

28.4739, 0.3106,
0.2447

40.3597, 0.3122,
0.2952

23.9247, 0.3094,
0.2205

47.7884, 0.3126,
0.3199

20.2370, 0.3079,
0.1983

56.2640, 0.3128,
0.3435

17.3538, 0.3062,
0.1789

65.8258, 0.3129,
0.3656

15.2112, 0.3043,
0.1633

76.5109, 0.3129,
0.3861

■ 13.7357, 0.3022,
0.1519

■ 86.8090, 0.3129,
0.4026

■ 12.8387, 0.3000,
0.1448

■ 87.0346, 0.3140,
0.4024

■ 12.4643, 0.2986,
0.1418

■ 87.2628, 0.3150,
0.4021

■ 87.4935, 0.3160,
0.4019

Harmonies

Analogous

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



33.9349, 0.2691, 0.2570



33.9349, 0.3115, 0.2699



33.9349, 0.3572, 0.2959

Triad

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



33.9349, 0.3115, 0.2699



33.9349, 0.3883, 0.3966



33.9349, 0.2391, 0.3197

Complementary

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



33.9349, 0.3115, 0.2699



44.7074, 0.3129, 0.3946

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.



33.9349, 0.2673, 0.3646



33.9349, 0.3115, 0.2699



33.9349, 0.3532, 0.4108

Square

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



33.9349, 0.3115, 0.2699



33.9349, 0.4032, 0.3664



33.9349, 0.3088, 0.3998



33.9349, 0.2298, 0.2820

Rectangle

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



33.9349, 0.3115, 0.2699



33.9349, 0.3824, 0.3182



33.9349, 0.3088, 0.3998



33.9349, 0.2466, 0.3346

Sweetspot

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



33.9364, 0.3115, 0.2699



80.9859, 0.3125, 0.3118



30.9429, 0.2732, 0.2696



17.2412, 0.3125, 0.3103



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



33.9364, 0.3115, 0.2699



55.0383, 0.3110, 0.2556



33.7080, 0.3330, 0.2930



9.6519, 0.3124, 0.3063



8.4032, 0.2989, 0.1420



0.3419, 0.3045, 0.1451

Inverse Universe

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



32.9061, 0.3571, 0.3236



52.8751, 0.3714, 0.3223



44.9351, 0.2966, 0.3680



9.5498, 0.3275, 0.3270



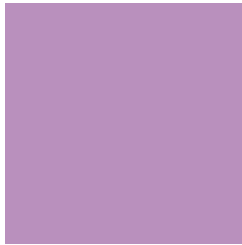
7.3112, 0.6285, 0.3236



0.2911, 0.5895, 0.3021

Previews

White Background



This preview shows how the Yxy color 33.9349, 0.3115, 0.2699 looks on a white background.

Color Contrast Check

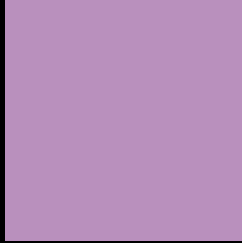
Large Text (above 18pt) WCAG AA × Fail

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 33.9349, 0.3115, 0.2699 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 33.9349, 0.3115, 0.2699

Background



This preview shows how black text looks on a background with the Yxy color 33.9349, 0.3115, 0.2699.



This preview shows how white text looks on a background with the Yxy color 33.9349, 0.3115, 0.2699.

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

33.9349, 0.3115, 0.2699

Protanopia

34.1041, 0.2715, 0.2709

Deuteranopia

34.0700, 0.2886, 0.2824



Tritanopia

33.8919, 0.3340, 0.3124

Trichromacy



Original Color

33.9349, 0.3115, 0.2699

Protanomaly

33.9286, 0.2846, 0.2708

Deuteranomaly

33.7684, 0.2959, 0.2766

Tritanomaly

33.7528, 0.3255, 0.2963

Monochromacy



Original Color

33.9349, 0.3115, 0.2699

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.9290, 0.3128, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9349, 0.3115, 0.2699 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, 144, 189)` looks like.

```
.text, #text, p{  
    color:rgb(185, 144, 189)  
}
```

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, 144, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 144, 189) }
```

Border

The CSS property to change the border of an element to Yxy 33.9349, 0.3115, 0.2699 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, 144, 189) }
```

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

```
.border{ border-color:rgb(185, 144, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 144, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 144, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 144, 189);  
box-shadow:4px 4px 4px 4px rgb(185, 144,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9349, 0.3115, 0.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 144, 189) }
```

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

```
.background{ background-color: rgb(185,  
144, 189) }
```

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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