

Converting Colors

$Y_{xy}(33.7968, 0.3453, 0.3112)$

Have a look what the booklet for
Yxy(33.7968, 0.3453, 0.3112)
contains.

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Color

Yxy(33.8798, 0.3450, 0.3115)

Conversions

Conversions Part 1	
Format	Color
Hex	BD929F
RGB	189, 146, 159
RGB Percent	74%, 57%, 62%
CMY	0.2588, 0.4274, 0.3765
CMYK	0.00, 0.23, 0.16, 0.26
HSL	342°, 25%, 66%
HSV	342°, 23%, 74%
XYZ	37.5234, 33.8798, 37.3602
YIQ	160.3390, 21.4550, 13.1590

Conversions

Conversions Part 2

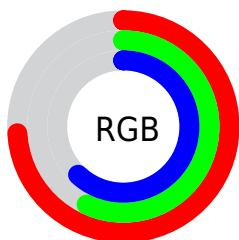
Format	Color
RYB	189, 146, 159
Decimal	12423839
CIELab	64.87, 18.23, -0.59
CIELCh	65, 18.241, 358.144
Yxy	33.8798, 0.3450, 0.3115
Android (android.graphics.Color)	4290613919 (0xFFBD929F)
YUV	160.3390, -0.6601, 25.1357
Hunter-Lab	58.2064, 13.2109, 2.6887

Details

The Yxy color **33.8798, 0.3450, 0.3115** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.6432, 0.2883, 0.3473**, and the grayscale version is **35.3149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7564, 0.3385, 0.3144**, and **14.4180, 0.3550, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **28.0941, 0.3646, 0.3033**, and if you desaturate by 10%, it is **40.6808, 0.3290, 0.3195**.

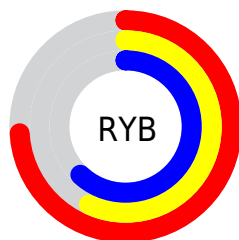
Distribution



Red (74%)

Green (57%)

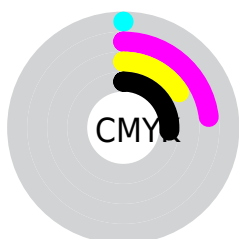
Blue (62%)



Red (74%)

Yellow (57%)

Blue (62%)

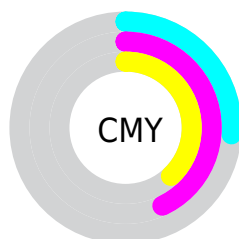


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (26%)



Cyan (26%)


Magenta (43%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.8798, 0.3450, 0.3115 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 33.8798, 0.3450, 0.3115 by changing the saturation by 10% instead.


 33.8798, 0.3450,
0.3115


 33.8798, 0.3450,
0.3115


319.5958, 0.3280,
0.3207

 22.8013, 0.3495,
0.3091


 65.7467, 0.3386,
0.3150

 14.4468, 0.3556,
0.3058


 87.3039, 0.3363,
0.3162

 8.4321, 0.3639,
0.3013

113.1227, 0.3343,
0.3173

 4.3727, 0.3763,
0.2947

143.5876, 0.3327,
0.3182

 1.8841, 0.3966,
0.2839

179.0830, 0.3313,
0.3189

 0.5388, 0.4520,
0.2530


219.9932, 0.3300,


 0.0000, 0.0000,

0.3196

0.0000


266.7026, 0.3290,
0.3202

 33.8798, 0.3450,
0.3115


 33.8798, 0.3450,
0.3115

 28.0941, 0.3646,
0.3033

 40.6808, 0.3290,
0.3195

 23.2702, 0.3881,
0.2954


 48.5379, 0.3159,
0.3270


 19.3567, 0.4161,
0.2883


 57.4954, 0.3052,
0.3340


 16.2957, 0.4482,
0.2829


 67.5936, 0.2965,
0.3405


 14.0222, 0.4835,
0.2805


 78.8710, 0.2893,
0.3464


 12.4621, 0.5197,
0.2821

 88.5203, 0.2831,
0.3471

 11.5267, 0.5538,
0.2883

 89.3249, 0.2765,
0.3328

 11.1158, 0.5759,
0.2946

 89.5593, 0.2747,
0.3289

Harmonies

Analogous

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



33.8798, 0.3173, 0.2930



33.8798, 0.3450, 0.3115



33.8798, 0.3642, 0.3347

Triad

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



33.8798, 0.3450, 0.3115



33.8798, 0.3346, 0.3794



33.8798, 0.2595, 0.2970

Complementary

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



33.8798, 0.3450, 0.3115



45.6432, 0.2883, 0.3473

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.



33.8798, 0.2637, 0.3197



33.8798, 0.3450, 0.3115



33.8798, 0.3063, 0.3693

Square

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



33.8798, 0.3450, 0.3115



33.8798, 0.3577, 0.3745



33.8798, 0.2805, 0.3467



33.8798, 0.2687, 0.2841

Rectangle

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



33.8798, 0.3450, 0.3115



33.8798, 0.3691, 0.3504



33.8798, 0.2805, 0.3467



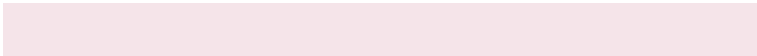
33.8798, 0.2594, 0.3036

Sweetspot

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



33.8813, 0.3450, 0.3115



80.5528, 0.3213, 0.3238



33.3921, 0.3021, 0.2709



17.1407, 0.3220, 0.3233



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.



33.8813, 0.3450, 0.3115



55.6066, 0.3537, 0.3077



35.9687, 0.3563, 0.3399



9.5826, 0.3242, 0.3221



7.4907, 0.5726, 0.2928



0.3054, 0.5024, 0.2541

Inverse Universe

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



33.8813, 0.3450, 0.3115



55.6066, 0.3537, 0.3077



42.8824, 0.2786, 0.3179



9.5826, 0.3242, 0.3221



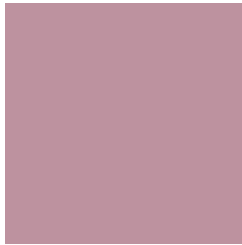
7.4907, 0.5726, 0.2928



0.3054, 0.5024, 0.2541

Previews

White Background



This preview shows how the Yxy color 33.8798, 0.3450, 0.3115 looks on a white background.

Color Contrast Check

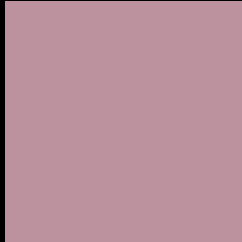
Large Text (above 18pt) WCAG AA × Fail

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 33.8798, 0.3450, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

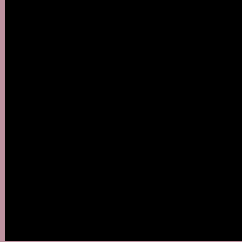
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.8798, 0.3450, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 33.8798, 0.3450, 0.3115.



This preview shows how white text looks on a background with the Yxy color 33.8798, 0.3450, 0.3115.

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

33.8798, 0.3450, 0.3115

Protanopia

34.0997, 0.3065, 0.3172

Deuteranopia

34.1353, 0.3282, 0.3219



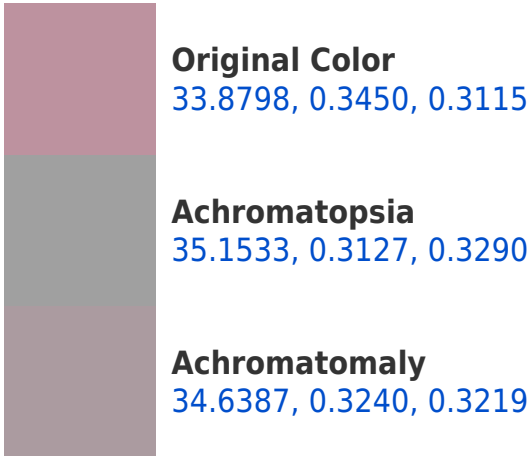
Tritanopia

33.8452, 0.3460, 0.3128

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8798, 0.3450, 0.3115 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(189, 146, 159) looks like.

```
.text, #text, p{  
    color:rgb(189, 146, 159)  
}
```

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(189, 146, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 146, 159) }
```

Border

The CSS property to change the border of an element to Yxy 33.8798, 0.3450, 0.3115 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(189, 146, 159) }
```

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

```
.border{ border-color:rgb(189, 146, 159) }
```

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

Here you see how a box with a 4 pixel rgb(189, 146, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 146, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 146, 159);  
box-shadow:4px 4px 4px 4px rgb(189, 146,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8798, 0.3450, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 146, 159) }
```

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

```
.background{ background-color: rgb(189,  
146, 159) }
```

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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