

Converting Colors

$Yxy(35.3476, 0.3388, 0.3102)$

Have a look what the booklet for
Yxy(35.3476, 0.3388, 0.3102)
contains.

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Color

Yxy(35.3118, 0.3391, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	BD96A4
RGB	189, 150, 164
RGB Percent	74%, 59%, 64%
CMY	0.2589, 0.4117, 0.3569
CMYK	0.00, 0.21, 0.13, 0.26
HSL	338°, 23%, 66%
HSV	338°, 21%, 74%
XYZ	38.5892, 35.3118, 39.8979
YIQ	163.2570, 18.7500, 12.6220

Conversions

Conversions Part 2

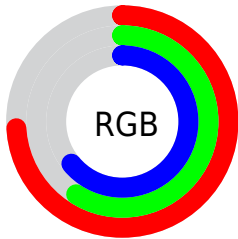
Format	Color
RYB	189, 150, 164
Decimal	12424868
CIELab	65.99, 16.83, -1.75
CIELCh	66, 16.919, 354.048
Yxy	35.3118, 0.3391, 0.3103
Android (android.graphics.Color)	4290614948 (0xFFBD96A4)
YUV	163.2570, 0.3663, 22.5766
Hunter-Lab	59.4237, 11.9247, 1.7885

Details

The Yxy color **35.3118, 0.3391, 0.3103** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9685, 0.2920, 0.3485**, and the grayscale version is **36.7452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8930, 0.3342, 0.3135**, and **15.2444, 0.3477, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **29.3427, 0.3563, 0.3007**, and if you desaturate by 10%, it is **42.2985, 0.3250, 0.3196**.

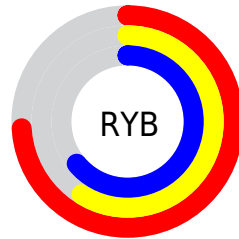
Distribution



Red (74%)

Green (59%)

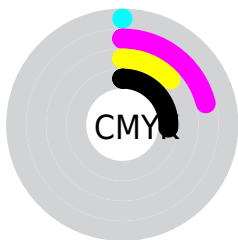
Blue (64%)



Red (74%)

Yellow (59%)

Blue (64%)

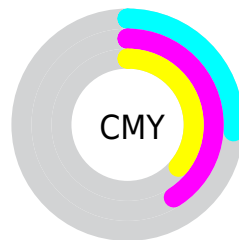


Cyan (0%)

Magenta (21%)

Yellow (13%)

Black (26%)



Cyan (26%)


Magenta (41%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3118, 0.3391, 0.3103 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 35.3118, 0.3391, 0.3103 by changing the saturation by 10% instead.


 35.3118, 0.3391,
0.3103

 35.3118, 0.3391,
0.3103


325.9425, 0.3253,
0.3200

 23.9032, 0.3427,
0.3078


 67.9685, 0.3340,
0.3139

 15.2618, 0.3475,
0.3044


 89.9854, 0.3321,
0.3152

 9.0033, 0.3541,
0.2998

116.3071, 0.3305,
0.3164

 4.7434, 0.3638,
0.2932

147.3181, 0.3292,
0.3173

 2.0975, 0.3794,
0.2826

183.4027, 0.3280,
0.3181

 0.6632, 0.4122,
0.2585


224.9454, 0.3270,


 0.0000, 0.0000,


0.3188

0.0000


272.3305, 0.3261,
0.3195

 35.3118, 0.3391,
0.3103

 35.3118, 0.3391,
0.3103


 29.3427, 0.3563,
0.3007


 42.2985, 0.3250,
0.3196

 24.3388, 0.3770,
0.2911


 50.3425, 0.3134,
0.3285


 20.2500, 0.4015,
0.2823

 59.4874, 0.3039,
0.3367

 17.0199, 0.4297,
0.2751

 69.7727, 0.2961,
0.3442

 14.5858, 0.4612,
0.2708

 81.2361, 0.2897,
0.3511

■ 12.8763, 0.4943,
0.2705

■ 88.4344, 0.2839,
0.3487

■ 11.8069, 0.5267,
0.2750

■ 89.1659, 0.2777,
0.3355

■ 11.2312, 0.5548,
0.2830

■ 89.5566, 0.2747,
0.3289

Harmonies

Analogous

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



35.3118, 0.3133, 0.2941



35.3118, 0.3391, 0.3103



35.3118, 0.3581, 0.3314

Triad

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



35.3118, 0.3391, 0.3103



35.3118, 0.3361, 0.3752



35.3118, 0.2636, 0.3022

Complementary

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



35.3118, 0.3391, 0.3103



45.9685, 0.2920, 0.3485

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.



35.3118, 0.2692, 0.3239



35.3118, 0.3391, 0.3103



35.3118, 0.3105, 0.3678

Square

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



35.3118, 0.3391, 0.3103



35.3118, 0.3561, 0.3691



35.3118, 0.2861, 0.3485



35.3118, 0.2705, 0.2888

Rectangle

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



35.3118, 0.3391, 0.3103



35.3118, 0.3639, 0.3459



35.3118, 0.2861, 0.3485



35.3118, 0.2641, 0.3087

Sweetspot

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



35.3134, 0.3391, 0.3103



82.0526, 0.3194, 0.3237



34.5688, 0.3014, 0.2763



17.4457, 0.3202, 0.3231



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.



35.3134, 0.3391, 0.3103



57.9258, 0.3469, 0.3057



36.5314, 0.3519, 0.3362



9.5914, 0.3234, 0.3208



7.5716, 0.5514, 0.2811



0.3092, 0.4846, 0.2443

Inverse Universe

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



35.3134, 0.3391, 0.3103



57.9258, 0.3469, 0.3057



44.3511, 0.2819, 0.3217



9.5914, 0.3234, 0.3208



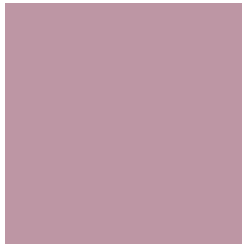
7.5716, 0.5514, 0.2811



0.3092, 0.4846, 0.2443

Previews

White Background



This preview shows how the Yxy color 35.3118, 0.3391, 0.3103 looks on a white background.

Color Contrast Check

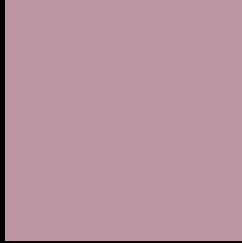
Large Text (above 18pt) WCAG AA × Fail

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 35.3118, 0.3391, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

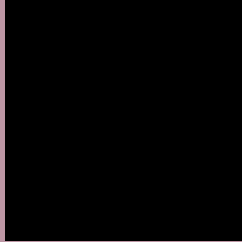
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3118, 0.3391, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 35.3118, 0.3391, 0.3103.



This preview shows how white text looks on a background with the Yxy color 35.3118, 0.3391, 0.3103.

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

35.3118, 0.3391, 0.3103

Protanopia

35.6210, 0.3049, 0.3146

Deuteranopia

35.5352, 0.3250, 0.3192



Tritanopia

35.2401, 0.3411, 0.3129

Trichromacy



Original Color

35.3118, 0.3391, 0.3103

Protanomaly

35.2620, 0.3164, 0.3121

Deuteranomaly

35.4588, 0.3303, 0.3166

Tritanomaly

35.2759, 0.3401, 0.3116

Monochromacy



Original Color

35.3118, 0.3391, 0.3103

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.8687, 0.3218, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3118, 0.3391, 0.3103 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, 150, 164)` looks like.

```
.text, #text, p{  
    color:rgb(189, 150, 164)  
}
```

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, 150, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 150, 164) }
```

Border

The CSS property to change the border of an element to Yxy 35.3118, 0.3391, 0.3103 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, 150, 164) }
```

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

```
.border{ border-color:rgb(189, 150, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 150, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 150, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 150, 164);  
box-shadow:4px 4px 4px 4px rgb(189, 150,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3118, 0.3391, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 150, 164) }
```

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

```
.background{ background-color: rgb(189,  
150, 164) }
```

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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