

Converting Colors

$Y_{xy}(33.7632, 0.3366, 0.3246)$

Have a look what the booklet for
Yxy(33.7632, 0.3366, 0.3246)
contains.

Yxy(33.8134, 0.3365, 0.3248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(33.8134, 0.3365, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	B1979A
RGB	177, 151, 154
RGB Percent	69%, 59%, 60%
CMY	0.3059, 0.4078, 0.3960
CMYK	0.00, 0.15, 0.13, 0.31
HSL	353°, 14%, 64%
HSV	353°, 15%, 69%
XYZ	35.0314, 33.8134, 35.2605
YIQ	159.1160, 14.5330, 6.4450

Conversions

Conversions Part 2

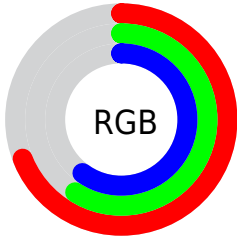
Format	Color
RYB	177, 151, 154
Decimal	11638682
CIELab	64.81, 10.15, 1.99
CIElCh	65, 10.346, 11.101
Yxy	33.8134, 0.3365, 0.3248
Android (android.graphics.Color)	4289828762 (0xFFB1979A)
YUV	159.1160, -2.5222, 15.6843
Hunter-Lab	58.1493, 5.7742, 4.7523

Details

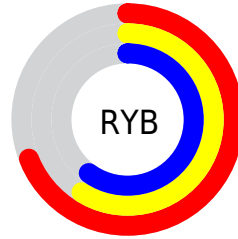
The Yxy color **33.8134, 0.3365, 0.3248** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0780, 0.2931, 0.3333**, and the grayscale version is **34.7346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5403, 0.3322, 0.3258**, and **14.3787, 0.3442, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **28.0510, 0.3576, 0.3217**, and if you desaturate by 10%, it is **40.5021, 0.3195, 0.3277**.

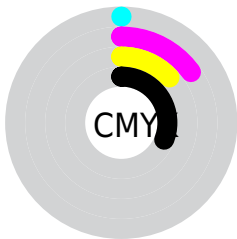
Distribution



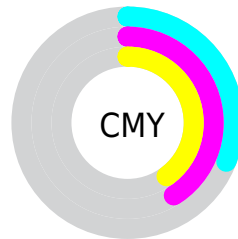
- Red (69%)
- Green (59%)
- Blue (60%)



- Red (69%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.8134, 0.3365, 0.3248 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 33.8134, 0.3365, 0.3248 by changing the saturation by 10% instead.


 33.8134, 0.3365,
0.3248


 33.8134, 0.3365,
0.3248


319.2992, 0.3239,
0.3271

 22.7503, 0.3399,
0.3242


 65.6434, 0.3318,
0.3257

 14.4092, 0.3444,
0.3233


 87.1790, 0.3300,
0.3260

 8.4058, 0.3507,
0.3221


112.9743, 0.3286,
0.3263

 4.3557, 0.3601,
0.3201

143.4137, 0.3274,
0.3265

 1.8745, 0.3756,
0.3168

178.8814, 0.3263,
0.3267

 0.5330, 0.4365,
0.3084

219.7620, 0.3254,

 0.0000, 0.0000,

0.3268

0.0000

266.4398, 0.3246,
0.3270

■ 33.8134, 0.3365,
0.3248

■ 33.8134, 0.3365,
0.3248

■ 28.0510, 0.3576,
0.3217

■ 40.5021, 0.3195,
0.3277

■ 23.1698, 0.3836,
0.3187

■ 48.1506, 0.3058,
0.3304

■ 19.1276, 0.4152,
0.3158

■ 56.7964, 0.2947,
0.3329

■ 15.8770, 0.4525,
0.3135

■ 66.4735, 0.2857,
0.3351

■ 13.3661, 0.4947,
0.3122

■ 77.2145, 0.2783,
0.3371

■ 11.5365, 0.5389,
0.3127

■ 87.6375, 0.2720,
0.3366

■ 10.3211, 0.5801,
0.3153

■ 88.0868, 0.2686,
0.3289

■ 9.6389, 0.6124,
0.3199

■ 9.3992, 0.6254,
0.3219

Harmonies

Analogous

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



33.8134, 0.3226, 0.3123



33.8134, 0.3365, 0.3248



33.8134, 0.3440, 0.3387

Triad

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



33.8134, 0.3365, 0.3248



33.8134, 0.3186, 0.3556



33.8134, 0.2834, 0.3069

Complementary

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



33.8134, 0.3365, 0.3248



41.0780, 0.2931, 0.3333

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.



33.8134, 0.2824, 0.3180



33.8134, 0.3365, 0.3248



33.8134, 0.3025, 0.3467

Square

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



33.8134, 0.3365, 0.3248



33.8134, 0.3334, 0.3569



33.8134, 0.2893, 0.3327



33.8134, 0.2920, 0.3020

Rectangle

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



33.8134, 0.3365, 0.3248



33.8134, 0.3442, 0.3470



33.8134, 0.2893, 0.3327



33.8134, 0.2822, 0.3100

Sweetspot

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



33.8149, 0.3365, 0.3248



73.3359, 0.3186, 0.3279



34.3032, 0.3114, 0.2931



15.6867, 0.3197, 0.3277



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



33.8149, 0.3365, 0.3248



56.6376, 0.3436, 0.3237



37.0597, 0.3375, 0.3431



8.5208, 0.3269, 0.3264



6.8152, 0.6236, 0.3209



0.2196, 0.5698, 0.2913

Inverse Universe

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



33.8149, 0.3365, 0.3248



56.6376, 0.3436, 0.3237



37.4033, 0.2903, 0.3145



8.5208, 0.3269, 0.3264



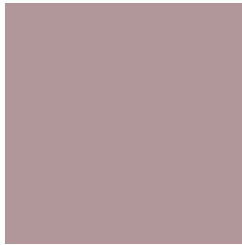
6.8152, 0.6236, 0.3209



0.2196, 0.5698, 0.2913

Previews

White Background



This preview shows how the Yxy color 33.8134, 0.3365, 0.3248 looks on a white background.

Color Contrast Check

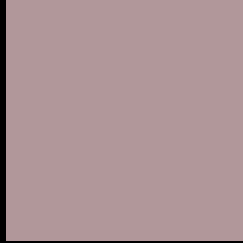
Large Text (above 18pt) WCAG AA × Fail

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 33.8134, 0.3365, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

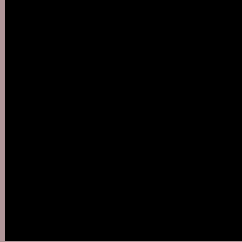
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.8134, 0.3365, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 33.8134, 0.3365, 0.3248.



This preview shows how white text looks on a background with the Yxy color 33.8134, 0.3365, 0.3248.

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

33.8134, 0.3365, 0.3248

Protanopia

34.0218, 0.3156, 0.3290

Deuteranopia

33.7882, 0.3332, 0.3262



Tritanopia

33.8863, 0.3298, 0.3123

Trichromacy



Original Color

33.8134, 0.3365, 0.3248

Protanomaly

33.9500, 0.3227, 0.3276

Deuteranomaly

33.9035, 0.3343, 0.3262

Tritanomaly

33.7809, 0.3328, 0.3164

Monochromacy



Original Color

33.8134, 0.3365, 0.3248

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.3182, 0.3217, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8134, 0.3365, 0.3248 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, 151, 154)` looks like.

```
.text, #text, p{  
    color:rgb(177, 151, 154)  
}
```

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, 151, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 151, 154) }
```

Border

The CSS property to change the border of an element to Yxy 33.8134, 0.3365, 0.3248 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, 151, 154) }
```

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

```
.border{ border-color:rgb(177, 151, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 151, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 151, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 151, 154);  
box-shadow:4px 4px 4px 4px rgb(177, 151,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8134, 0.3365, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 151, 154) }
```

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

```
.background{ background-color: rgb(177,  
151, 154) }
```

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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