

Converting Colors

Yxy(33.9416, 0.3168, 0.3064)

Have a look what the booklet for
Yxy(33.9416, 0.3168, 0.3064)
contains.

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Color

Yxy(33.9416, 0.3168, 0.3064)

Conversions

Conversions Part 1

Format	Color
Hex	AB98A8
RGB	171, 152, 168
RGB Percent	67%, 60%, 66%
CMY	0.3293, 0.4039, 0.3412
CMYK	0.00, 0.11, 0.02, 0.33
HSL	310°, 10%, 63%
HSV	310°, 11%, 67%
XYZ	35.0937, 33.9416, 41.7402
YIQ	159.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

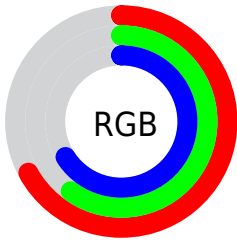
Format	Color
RYB	171, 152, 168
Decimal	11245736
CIELab	64.92, 9.93, -5.78
CIELCh	65, 11.484, 329.799
Yxy	33.9416, 0.3168, 0.3064
Android (android.graphics.Color)	4289435816 (0xFFAB98A8)
YUV	159.5050, 4.1880, 10.0811
Hunter-Lab	58.2594, 5.5689, -1.6970

Details

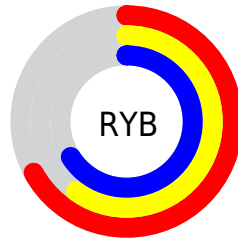
The Yxy color **33.9416, 0.3168, 0.3064** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1787, 0.3089, 0.3527**, and the grayscale version is **34.8943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6391, 0.3158, 0.3106**, and **14.4903, 0.3184, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **28.6853, 0.3210, 0.2854**, and if you desaturate by 10%, it is **40.0035, 0.3131, 0.3268**.

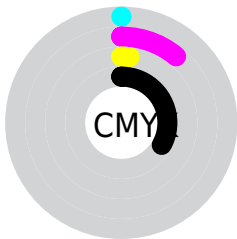
Distribution



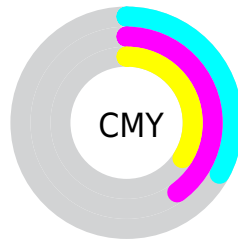
- Red (67%)
- Green (60%)
- Blue (66%)



- Red (67%)
- Yellow (60%)
- Blue (66%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (33%)




- Cyan (33%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9416, 0.3168, 0.3064 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 33.9416, 0.3168, 0.3064 by changing the saturation by 10% instead.


 33.9416, 0.3168,
0.3064


 33.9416, 0.3168,
0.3064


319.8716, 0.3147,
0.3181

 22.8487, 0.3173,
0.3033


 65.8428, 0.3160,
0.3108

 14.4819, 0.3180,
0.2993


 87.4200, 0.3158,
0.3124

 8.4566, 0.3189,
0.2938

113.2607, 0.3155,
0.3137

 4.3885, 0.3201,
0.2858

143.7494, 0.3153,
0.3149

 1.8931, 0.3220,
0.2731

179.2705, 0.3152,
0.3158

 0.5443, 0.3302,
0.2366

220.2082, 0.3150,

 0.0000, 0.0000,

0.3167

0.0000

266.9471, 0.3149,
0.3174

■ 33.9416, 0.3168,
0.3064

■ 33.9416, 0.3168,
0.3064

■ 28.6853, 0.3210,
0.2854

■ 40.0035, 0.3131,
0.3268

■ 24.1960, 0.3258,
0.2643

■ 46.8987, 0.3099,
0.3461

■ 20.4387, 0.3310,
0.2438

■ 54.6588, 0.3072,
0.3643

■ 17.3738, 0.3367,
0.2247

■ 63.3128, 0.3048,
0.3812

■ 14.9580, 0.3427,
0.2080

■ 72.8880, 0.3028,
0.3967

■ 13.1432, 0.3488,
0.1947

■ 83.4108, 0.3012,
0.4109

■ 11.8744, 0.3548,
0.1853

■ 83.7736, 0.2997,
0.4080

■ 11.0868, 0.3607,
0.1803

■ 83.8918, 0.2983,
0.4047

■ 10.6654, 0.3656,
0.1788

■ 84.0123, 0.2969,
0.4014

Harmonies

Analogous

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



33.9416, 0.2990, 0.2997



33.9416, 0.3168, 0.3064



33.9416, 0.3339, 0.3188

Triad

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



33.9416, 0.3168, 0.3064



33.9416, 0.3405, 0.3581



33.9416, 0.2811, 0.3227

Complementary

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



33.9416, 0.3168, 0.3064



38.1787, 0.3089, 0.3527

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.



33.9416, 0.2916, 0.3393



33.9416, 0.3168, 0.3064



33.9416, 0.3258, 0.3602

Square

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



33.9416, 0.3168, 0.3064



33.9416, 0.3478, 0.3483



33.9416, 0.3079, 0.3533



33.9416, 0.2788, 0.3084

Rectangle

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



33.9416, 0.3168, 0.3064



33.9416, 0.3424, 0.3287



33.9416, 0.3079, 0.3533



33.9416, 0.2838, 0.3282

Sweetspot

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



33.9431, 0.3168, 0.3064



69.4150, 0.3138, 0.3229



32.3507, 0.2983, 0.3009



15.2807, 0.3141, 0.3213



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



33.9431, 0.3168, 0.3064



58.6724, 0.3176, 0.3020



33.6078, 0.3257, 0.3195



8.1258, 0.3161, 0.3102



8.0439, 0.3651, 0.1785



0.2296, 0.3498, 0.1700

Inverse Universe

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



33.9431, 0.3168, 0.3064



58.6724, 0.3176, 0.3020



38.5044, 0.3013, 0.3387



8.1258, 0.3161, 0.3102



8.0439, 0.3651, 0.1785



0.2296, 0.3498, 0.1700

Previews

White Background



This preview shows how the Yxy color 33.9416, 0.3168, 0.3064 looks on a white background.

Color Contrast Check

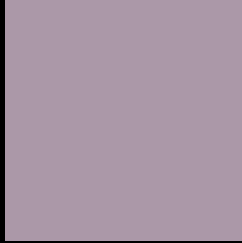
Large Text (above 18pt) WCAG AA × Fail

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 33.9416, 0.3168, 0.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

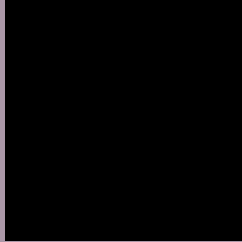
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9416, 0.3168, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 33.9416, 0.3168, 0.3064.



This preview shows how white text looks on a background with the Yxy color 33.9416, 0.3168, 0.3064.

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

33.9416, 0.3168, 0.3064

Protanopia

34.2223, 0.3003, 0.3086

Deuteranopia

33.9344, 0.3137, 0.3076



Tritanopia

34.1570, 0.3195, 0.3120

Trichromacy



Original Color

33.9416, 0.3168, 0.3064

Protanomaly

34.0264, 0.3060, 0.3073

Deuteranomaly

34.0446, 0.3147, 0.3077

Tritanomaly

34.1936, 0.3185, 0.3106

Monochromacy



Original Color

33.9416, 0.3168, 0.3064

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6508, 0.3141, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9416, 0.3168, 0.3064 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(171, 152, 168)` looks like.

```
.text, #text, p{  
    color:rgb(171, 152, 168)  
}
```

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(171, 152, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 152, 168) }
```

Border

The CSS property to change the border of an element to Yxy 33.9416, 0.3168, 0.3064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

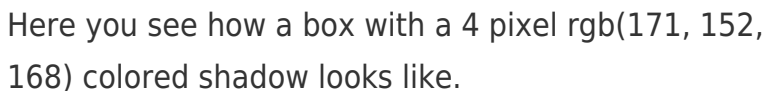
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 152, 168) }
```

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

```
.border{ border-color:rgb(171, 152, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 152, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 152, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 152, 168); box-shadow:4px 4px 4px 4px rgb(171, 152, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9416, 0.3168, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 152, 168) }
```

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

```
.background{ background-color: rgb(171,  
152, 168) }
```

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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