

Converting Colors

$Yxy(33.3961, 0.3365, 0.3136)$

Have a look what the booklet for
Yxy(33.3961, 0.3365, 0.3136)
contains.

Yxy(33.5068, 0.3362, 0.3138)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.5068, 0.3362, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	B5949F
RGB	181, 148, 159
RGB Percent	71%, 58%, 62%
CMY	0.2903, 0.4195, 0.3765
CMYK	0.00, 0.18, 0.12, 0.29
HSL	340°, 18%, 65%
HSV	340°, 18%, 71%
XYZ	35.8986, 33.5068, 37.3721
YIQ	159.1210, 16.1370, 10.4170

Conversions

Conversions Part 2

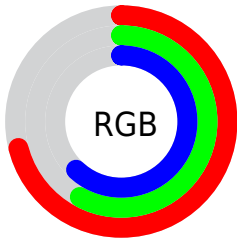
Format	Color
R_{YB}	181, 148, 159
Decimal	11900063
CIE Lab	64.57, 14.14, -1.12
CIE LCh	65, 14.187, 355.475
Yxy	33.5068, 0.3362, 0.3138
Android (android.graphics.Color)	4290090143 (0xFFB5949F)
YUV	159.1210, -0.0597, 19.1879
Hunter-Lab	57.8851, 9.4016, 2.2403

Details

The Yxy color **33.5068, 0.3362, 0.3138** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.2366, 0.2938, 0.3448**, and the grayscale version is **34.7236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1006, 0.3312, 0.3162**, and **14.2213, 0.3438, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **27.8683, 0.3532, 0.3049**, and if you desaturate by 10%, it is **40.0769, 0.3223, 0.3224**.

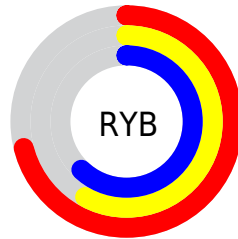
Distribution



Red (71%)

Green (58%)

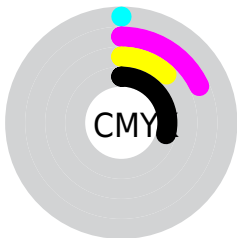
Blue (62%)



Red (71%)

Yellow (58%)

Blue (62%)

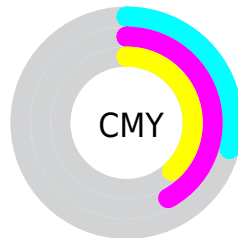


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5068, 0.3362, 0.3138 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 33.5068, 0.3362, 0.3138 by changing the saturation by 10% instead.


 33.5068, 0.3362,
0.3138


 33.5068, 0.3362,
0.3138


317.9273, 0.3238,
0.3218

 22.5150, 0.3395,
0.3117


 65.1660, 0.3315,
0.3168

 14.2358, 0.3439,
0.3089


 86.6021, 0.3298,
0.3179

 8.2848, 0.3500,
0.3050


112.2884, 0.3284,
0.3188

 4.2777, 0.3591,
0.2992

142.6094, 0.3272,
0.3196

 1.8301, 0.3740,
0.2898

177.9494, 0.3262,
0.3202

 0.5058, 0.4213,
0.2580

218.6927, 0.3253,

 0.0000, 0.0000,


0.3208


0.0000


265.2239, 0.3245,
0.3213


 33.5068, 0.3362,
0.3138


 33.5068, 0.3362,
0.3138


 27.8683, 0.3532,
0.3049


 40.0769, 0.3223,
0.3224

 23.1146, 0.3738,
0.2960


 47.6136, 0.3108,
0.3304

 19.2015, 0.3983,
0.2876

 56.1556, 0.3015,
0.3378

 16.0795, 0.4268,
0.2806

 65.7384, 0.2939,
0.3447

 13.6934, 0.4589,
0.2759

 76.3954, 0.2876,
0.3509

■ 11.9812, 0.4932,
0.2749

■ 87.1335, 0.2822,
0.3549

■ 10.8704, 0.5272,
0.2785

■ 87.8409, 0.2762,
0.3414

■ 10.2434, 0.5584,
0.2865

■ 88.5606, 0.2706,
0.3289

■ 10.1497, 0.5638,
0.2880

Harmonies

Analogous

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



33.5068, 0.3144, 0.2995



33.5068, 0.3362, 0.3138



33.5068, 0.3519, 0.3321

Triad

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



33.5068, 0.3362, 0.3138



33.5068, 0.3318, 0.3682



33.5068, 0.2707, 0.3055

Complementary

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



33.5068, 0.3362, 0.3138



42.2366, 0.2938, 0.3448

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.



33.5068, 0.2750, 0.3238



33.5068, 0.3362, 0.3138



33.5068, 0.3098, 0.3612

Square

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



33.5068, 0.3362, 0.3138



33.5068, 0.3491, 0.3638



33.5068, 0.2891, 0.3446



33.5068, 0.2770, 0.2943

Rectangle

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



33.5068, 0.3362, 0.3138



33.5068, 0.3564, 0.3445



33.5068, 0.2891, 0.3446



33.5068, 0.2709, 0.3110

Sweetspot

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



33.5083, 0.3362, 0.3138



75.8338, 0.3184, 0.3249



33.0646, 0.3040, 0.2831



16.1946, 0.3193, 0.3244



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



33.5083, 0.3362, 0.3138



55.6346, 0.3429, 0.3101



34.9086, 0.3461, 0.3368



8.5504, 0.3237, 0.3214



7.0109, 0.5605, 0.2862



0.2317, 0.4811, 0.2424

Inverse Universe

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



33.5083, 0.3362, 0.3138



55.6346, 0.3429, 0.3101



40.4799, 0.2854, 0.3211



8.5504, 0.3237, 0.3214



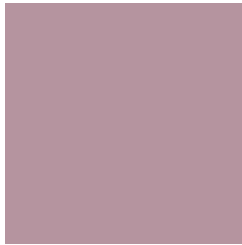
7.0109, 0.5605, 0.2862



0.2317, 0.4811, 0.2424

Previews

White Background



This preview shows how the Yxy color 33.5068, 0.3362, 0.3138 looks on a white background.

Color Contrast Check

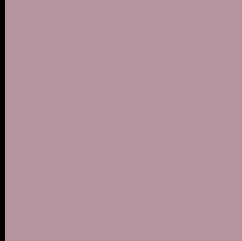
Large Text (above 18pt) WCAG AA × Fail

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 33.5068, 0.3362, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

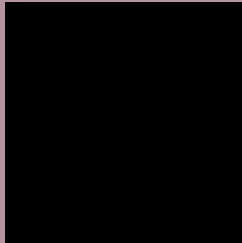
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5068, 0.3362, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 33.5068, 0.3362, 0.3138.



This preview shows how white text looks on a background with the Yxy color 33.5068, 0.3362, 0.3138.

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

33.5068, 0.3362, 0.3138

Protanopia

33.7264, 0.3075, 0.3172

Deuteranopia

33.5830, 0.3263, 0.3204



Tritanopia

33.5068, 0.3362, 0.3138

Trichromacy



Original Color

33.5068, 0.3362, 0.3138

Protanomaly

33.4981, 0.3173, 0.3160

Deuteranomaly

33.7158, 0.3305, 0.3191

Tritanomaly

33.5068, 0.3362, 0.3138

Monochromacy



Original Color

33.5068, 0.3362, 0.3138

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.1614, 0.3209, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5068, 0.3362, 0.3138 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(181, 148, 159)` looks like.

```
.text, #text, p{  
    color:rgb(181, 148, 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(181, 148, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 148, 159) }
```

Border

The CSS property to change the border of an element to Yxy 33.5068, 0.3362, 0.3138 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(181, 148, 159) }
```

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

```
.border{ border-color:rgb(181, 148, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 148, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 148, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 148, 159); box-shadow:4px 4px 4px 4px rgb(181, 148, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5068, 0.3362, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 148, 159) }
```

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

```
.background{ background-color: rgb(181,  
148, 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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