

Converting Colors

$Yxy(34.4613, 0.3429, 0.3184)$

Have a look what the booklet for
Yxy(34.4613, 0.3429, 0.3184)
contains.

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Color

Yxy(34.3683, 0.3433, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	BA959D
RGB	186, 149, 157
RGB Percent	73%, 58%, 62%
CMY	0.2704, 0.4157, 0.3843
CMYK	0.00, 0.20, 0.16, 0.27
HSL	347°, 21%, 66%
HSV	347°, 20%, 73%
XYZ	37.0910, 34.3683, 36.5832
YIQ	160.9750, 19.4840, 10.3320

Conversions

Conversions Part 2

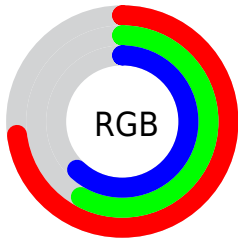
Format	Color
RYB	186, 149, 157
Decimal	12227997
CIELab	65.25, 15.15, 1.05
CIELCh	65, 15.186, 3.979
Yxy	34.3683, 0.3433, 0.3181
Android (android.graphics.Color)	4290418077 (0xFFBA959D)
YUV	160.9750, -1.9597, 21.9469
Hunter-Lab	58.6245, 10.3418, 4.0387

Details

The Yxy color **34.3683, 0.3433, 0.3181** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7379, 0.2890, 0.3402**, and the grayscale version is **35.6333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2923, 0.3372, 0.3206**, and **14.6815, 0.3525, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **28.4778, 0.3641, 0.3123**, and if you desaturate by 10%, it is **41.2615, 0.3264, 0.3237**.

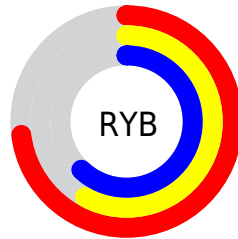
Distribution



Red (73%)

Green (58%)

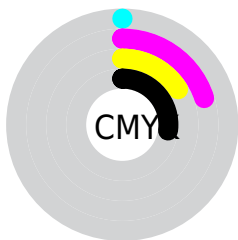
Blue (62%)



Red (73%)

Yellow (58%)

Blue (62%)

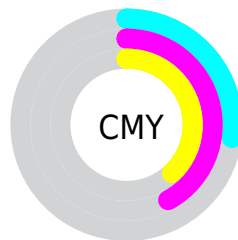


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3683, 0.3433, 0.3181 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 34.3683, 0.3433, 0.3181 by changing the saturation by 10% instead.


 34.3683, 0.3433,
0.3181


 34.3683, 0.3433,
0.3181


321.7712, 0.3272,
0.3239

 23.1767, 0.3476,
0.3165


 66.5060, 0.3372,
0.3203

 14.7240, 0.3533,
0.3144


 88.2209, 0.3350,
0.3211

 8.6259, 0.3613,
0.3115


114.2123, 0.3332,
0.3218

 4.4980, 0.3731,
0.3071

144.8646, 0.3316,
0.3223

 1.9559, 0.3924,
0.2999

180.5623, 0.3303,
0.3228

 0.5816, 0.4477,
0.2815

221.6897, 0.3291,

 0.0000, 0.0000,


0.3232


0.0000


268.6312, 0.3281,
0.3236


 34.3683, 0.3433,
0.3181


 34.3683, 0.3433,
0.3181


 28.4778, 0.3641,
0.3123


 41.2615, 0.3264,
0.3237

 23.5389, 0.3895,
0.3065


 49.1964, 0.3126,
0.3290


 19.5025, 0.4200,
0.3013

 58.2155, 0.3015,
0.3339

 16.3138, 0.4554,
0.2973

 68.3575, 0.2924,
0.3384

 13.9117, 0.4946,
0.2956

 79.6594, 0.2850,
0.3425

■ 12.2268, 0.5349,
0.2970

■ 88.5235, 0.2784,
0.3403

■ 11.1776, 0.5722,
0.3020

■ 89.1841, 0.2731,
0.3289

■ 10.6036, 0.6028,
0.3095

■ 10.5994, 0.6030,
0.3096

Harmonies

Analogous

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



34.3683, 0.3213, 0.3014



34.3683, 0.3433, 0.3181



34.3683, 0.3571, 0.3379

Triad

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



34.3683, 0.3433, 0.3181



34.3683, 0.3266, 0.3698



34.3683, 0.2689, 0.2997

Complementary

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



34.3683, 0.3433, 0.3181



44.7379, 0.2890, 0.3402

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.



34.3683, 0.2703, 0.3174



34.3683, 0.3433, 0.3181



34.3683, 0.3030, 0.3591

Square

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



34.3683, 0.3433, 0.3181



34.3683, 0.3470, 0.3684



34.3683, 0.2826, 0.3394



34.3683, 0.2787, 0.2906

Rectangle

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



34.3683, 0.3433, 0.3181



34.3683, 0.3594, 0.3506



34.3683, 0.2826, 0.3394



34.3683, 0.2681, 0.3048

Sweetspot

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



34.3699, 0.3433, 0.3181



80.0135, 0.3208, 0.3258



34.5042, 0.3072, 0.2791



17.4173, 0.3217, 0.3255



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.



34.3699, 0.3433, 0.3181



57.2659, 0.3521, 0.3155



37.5773, 0.3488, 0.3434



9.0432, 0.3255, 0.3241



7.1369, 0.6000, 0.3079



0.2609, 0.5282, 0.2683

Inverse Universe

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



34.3699, 0.3433, 0.3181



57.2659, 0.3521, 0.3155



40.8065, 0.2824, 0.3141



9.0432, 0.3255, 0.3241



7.1369, 0.6000, 0.3079



0.2609, 0.5282, 0.2683

Previews

White Background



This preview shows how the Yxy color 34.3683, 0.3433, 0.3181 looks on a white background.

Color Contrast Check

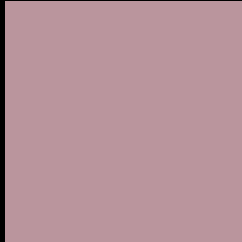
Large Text (above 18pt) WCAG AA × Fail

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 34.3683, 0.3433, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

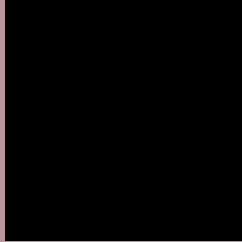
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3683, 0.3433, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 34.3683, 0.3433, 0.3181.



This preview shows how white text looks on a background with the Yxy color 34.3683, 0.3433, 0.3181.

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

34.3683, 0.3433, 0.3181

Protanopia

34.5359, 0.3111, 0.3231

Deuteranopia

34.2967, 0.3321, 0.3248



Tritanopia

34.4721, 0.3402, 0.3141

Trichromacy



Original Color

34.3683, 0.3433, 0.3181

Protanomaly

34.4158, 0.3220, 0.3219

Deuteranomaly

34.4405, 0.3364, 0.3235

Tritanomaly

34.4372, 0.3412, 0.3154

Monochromacy



Original Color

34.3683, 0.3433, 0.3181

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.1981, 0.3227, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3683, 0.3433, 0.3181 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(186, 149, 157)` looks like.

```
.text, #text, p{  
    color:rgb(186, 149, 157)  
}
```

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(186, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 149, 157) }
```

Border

The CSS property to change the border of an element to Yxy 34.3683, 0.3433, 0.3181 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(186, 149, 157) }
```

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

```
.border{ border-color:rgb(186, 149, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(186, 149,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3683, 0.3433, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 149, 157) }
```

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

```
.background{ background-color: rgb(186,  
149, 157) }
```

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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