

Converting Colors

$Yxy(34.3839, 0.3382, 0.3127)$

Have a look what the booklet for
Yxy(34.3839, 0.3382, 0.3127)
contains.

Yxy(34.3824, 0.3382, 0.3127)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.3824, 0.3382, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	B995A1
RGB	185, 149, 161
RGB Percent	73%, 58%, 63%
CMY	0.2745, 0.4157, 0.3687
CMYK	0.00, 0.19, 0.13, 0.27
HSL	340°, 20%, 65%
HSV	340°, 19%, 73%
XYZ	37.1862, 34.3824, 38.3847
YIQ	161.1320, 17.6040, 11.3640

Conversions

Conversions Part 2

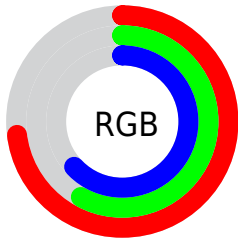
Format	Color
R _Y B	185, 149, 161
Decimal	12162465
CIE Lab	65.26, 15.41, -1.17
CIE LCh	65, 15.459, 355.648
Yxy	34.3824, 0.3382, 0.3127
Android (android.graphics.Color)	4290352545 (0xFFB995A1)
YUV	161.1320, -0.0651, 20.9322
Hunter-Lab	58.6365, 10.5876, 2.2331

Details

The Yxy color **34.3824, 0.3382, 0.3127** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1060, 0.2925, 0.3459**, and the grayscale version is **35.6996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3705, 0.3327, 0.3153**, and **14.6864, 0.3450, 0.3063** is the 20% darker color. If you saturate the color by 10%, you get **28.5731, 0.3557, 0.3038**, and if you desaturate by 10%, it is **41.1677, 0.3239, 0.3213**.

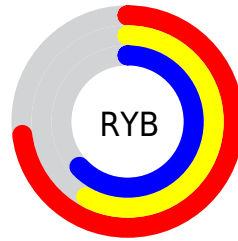
Distribution



Red (73%)

Green (58%)

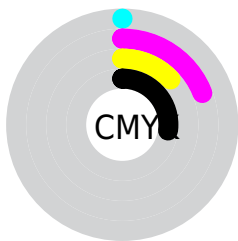
Blue (63%)



Red (73%)

Yellow (58%)

Blue (63%)

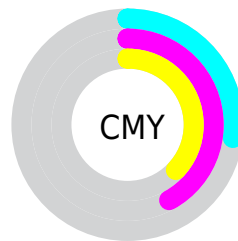


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3824, 0.3382, 0.3127 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 34.3824, 0.3382, 0.3127 by changing the saturation by 10% instead.


 34.3824, 0.3382,
0.3127


 34.3824, 0.3382,
0.3127


321.8338, 0.3248,
0.3212

 23.1875, 0.3418,
0.3104


 66.5279, 0.3332,
0.3159

 14.7320, 0.3465,
0.3075

 88.2473, 0.3314,
0.3171

 8.6315, 0.3530,
0.3034


114.2437, 0.3298,
0.3180

 4.5016, 0.3626,
0.2973

144.9014, 0.3285,
0.3189

 1.9579, 0.3783,
0.2876

180.6049, 0.3274,
0.3196

 0.5829, 0.4180,
0.2610

221.7385, 0.3264,


 0.0000, 0.0000,


0.3202


0.0000

268.6867, 0.3256,
0.3207

 34.3824, 0.3382,
0.3127


 34.3824, 0.3382,
0.3127


 28.5731, 0.3557,
0.3038


 41.1677, 0.3239,
0.3213

 23.6900, 0.3768,
0.2949


 48.9663, 0.3121,
0.3294

 19.6861, 0.4019,
0.2866

 57.8195, 0.3025,
0.3369

 16.5082, 0.4310,
0.2798

 67.7647, 0.2947,
0.3439

 14.0976, 0.4636,
0.2756

 78.8375, 0.2882,
0.3502

■ 12.3874, 0.4980,
0.2752

■ 87.8356, 0.2826,
0.3507

■ 11.2992, 0.5319,
0.2795

■ 88.5745, 0.2763,
0.3371

■ 10.6861, 0.5627,
0.2878

■ 89.0542, 0.2726,
0.3289

■ 10.6569, 0.5644,
0.2883

Harmonies

Analogous

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



34.3824, 0.3146, 0.2973



34.3824, 0.3382, 0.3127



34.3824, 0.3551, 0.3324

Triad

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



34.3824, 0.3382, 0.3127



34.3824, 0.3332, 0.3714



34.3824, 0.2674, 0.3034

Complementary

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



34.3824, 0.3382, 0.3127



44.1060, 0.2925, 0.3459

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.



34.3824, 0.2720, 0.3232



34.3824, 0.3382, 0.3127



34.3824, 0.3094, 0.3639

Square

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



34.3824, 0.3382, 0.3127



34.3824, 0.3520, 0.3666



34.3824, 0.2871, 0.3458



34.3824, 0.2743, 0.2915

Rectangle

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



34.3824, 0.3382, 0.3127



34.3824, 0.3600, 0.3458



34.3824, 0.2871, 0.3458



34.3824, 0.2676, 0.3093

Sweetspot

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



34.3839, 0.3382, 0.3127



78.2142, 0.3197, 0.3241



33.8845, 0.3033, 0.2797



16.6726, 0.3204, 0.3236



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



34.3839, 0.3382, 0.3127



57.2980, 0.3446, 0.3092



35.9291, 0.3489, 0.3374



9.0602, 0.3237, 0.3214



7.2687, 0.5610, 0.2864



0.2680, 0.4870, 0.2457

Inverse Universe

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



34.3839, 0.3382, 0.3127



57.2980, 0.3446, 0.3092



42.1334, 0.2835, 0.3205



9.0602, 0.3237, 0.3214



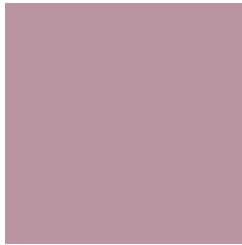
7.2687, 0.5610, 0.2864



0.2680, 0.4870, 0.2457

Previews

White Background



This preview shows how the Yxy color 34.3824, 0.3382, 0.3127 looks on a white background.

Color Contrast Check

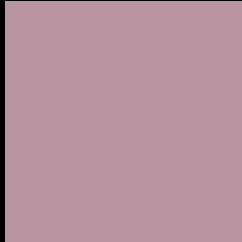
Large Text (above 18pt) WCAG AA × Fail

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 34.3824, 0.3382, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

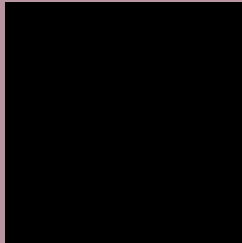
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3824, 0.3382, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 34.3824, 0.3382, 0.3127.



This preview shows how white text looks on a background with the Yxy color 34.3824, 0.3382, 0.3127.

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

34.3824, 0.3382, 0.3127

Protanopia

34.5778, 0.3066, 0.3173

Deuteranopia

34.5335, 0.3261, 0.3205



Tritanopia

34.3824, 0.3382, 0.3127

Trichromacy



Original Color

34.3824, 0.3382, 0.3127

Protanomaly

34.4479, 0.3173, 0.3161

Deuteranomaly

34.3416, 0.3304, 0.3178

Tritanomaly

34.3824, 0.3382, 0.3127

Monochromacy



Original Color

34.3824, 0.3382, 0.3127

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.2332, 0.3218, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3824, 0.3382, 0.3127 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(185, 149, 161)` looks like.

```
.text, #text, p{  
    color:rgb(185, 149, 161)  
}
```

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(185, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 149, 161) }
```

Border

The CSS property to change the border of an element to Yxy 34.3824, 0.3382, 0.3127 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(185, 149, 161) }
```

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

```
.border{ border-color:rgb(185, 149, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 149, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 149, 161);  
box-shadow:4px 4px 4px 4px rgb(185, 149,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3824, 0.3382, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 149, 161) }
```

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

```
.background{ background-color: rgb(185,  
149, 161) }
```

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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