

Converting Colors

$Yxy(42.9912, 0.3129, 0.3094)$

Have a look what the booklet for
Yxy(42.9912, 0.3129, 0.3094)
contains.

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Color

Yxy(42.9853, 0.3127, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	B9ABBA
RGB	185, 171, 186
RGB Percent	73%, 67%, 73%
CMY	0.2746, 0.3294, 0.2705
CMYK	0.01, 0.08, 0.00, 0.27
HSL	296°, 10%, 70%
HSV	296°, 8%, 73%
XYZ	43.4297, 42.9853, 52.4712
YIQ	176.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

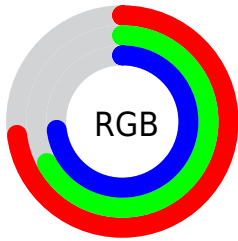
Format	Color
R _Y B	185, 171, 186
Decimal	12168122
CIE Lab	71.54, 7.76, -5.86
CIE LCh	72, 9.727, 322.940
Yxy	42.9853, 0.3127, 0.3095
Android (android.graphics.Color)	4290358202 (0xFFB9ABBA)
YUV	176.8960, 4.4883, 7.1072
Hunter-Lab	65.5632, 3.5047, -1.5565

Details

The Yxy color $42.9853, 0.3127, 0.3095$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.8427, 0.3126, 0.3492$, and the grayscale version is $43.8834, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.5043, 0.3128, 0.3128$, and $19.7926, 0.3126, 0.3041$ is the 20% darker color. If you saturate the color by 10%, you get $36.2865, 0.3125, 0.2846$, and if you desaturate by 10%, it is $50.6783, 0.3127, 0.3336$.

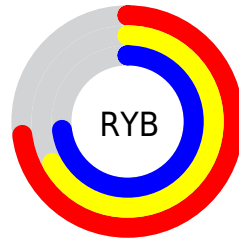
Distribution



Red (73%)

Green (67%)

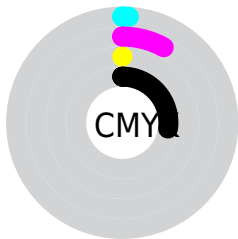
Blue (73%)



Red (73%)

Yellow (67%)

Blue (73%)

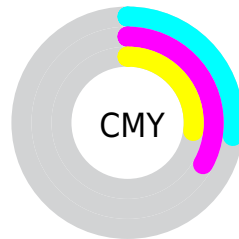


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9853, 0.3127, 0.3095 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 42.9853, 0.3127, 0.3095 by changing the saturation by 10% instead.

 42.9853, 0.3127,
0.3095

 42.9853, 0.3127,
0.3095


358.5513, 0.3128,
0.3193

 29.8736, 0.3127,
0.3071


 79.6887, 0.3127,
0.3130

 19.7427, 0.3126,
0.3039


104.0491, 0.3128,
0.3144

 12.2081, 0.3125,
0.2998


132.9279, 0.3128,
0.3155

 6.8856, 0.3123,
0.2939

166.7095, 0.3128,
0.3165

 3.3906, 0.3120,
0.2852

205.7782, 0.3128,
0.3173

 1.3389, 0.3112,
0.2708

250.5185, 0.3128,

 0.1710, 0.3146,

0.3180

0.1528

301.3147, 0.3128,
0.3187

0.0000, 0.0000,
0.0000

42.9853, 0.3127,
0.3095

42.9853, 0.3127,
0.3095

36.2865, 0.3125,
0.2846

50.6783, 0.3127,
0.3336

30.5352, 0.3122,
0.2594

59.3985, 0.3126,
0.3564

25.6893, 0.3116,
0.2348

69.1844, 0.3124,
0.3776

21.7013, 0.3108,
0.2116

80.0708, 0.3121,
0.3972

18.5196, 0.3098,
0.1908

86.1999, 0.3123,
0.4065

■ 16.0868, 0.3086,
0.1734

■ 86.3690, 0.3131,
0.4064

■ 14.3380, 0.3071,
0.1599

■ 86.5395, 0.3139,
0.4062

■ 13.1973, 0.3055,
0.1507

■ 86.7116, 0.3147,
0.4060

■ 12.5453, 0.3038,
0.1454

■ 86.8851, 0.3155,
0.4058

Harmonies

Analogous

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



42.9853, 0.2992, 0.3055



42.9853, 0.3127, 0.3095



42.9853, 0.3265, 0.3185

Triad

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



42.9853, 0.3127, 0.3095



42.9853, 0.3364, 0.3506



42.9853, 0.2893, 0.3271

Complementary

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



42.9853, 0.3127, 0.3095



46.8427, 0.3126, 0.3492

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.



42.9853, 0.2988, 0.3398



42.9853, 0.3127, 0.3095



42.9853, 0.3260, 0.3536

Square

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



42.9853, 0.3127, 0.3095



42.9853, 0.3404, 0.3419



42.9853, 0.3123, 0.3497



42.9853, 0.2859, 0.3152

Rectangle

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



42.9853, 0.3127, 0.3095



42.9853, 0.3339, 0.3261



42.9853, 0.3123, 0.3497



42.9853, 0.2919, 0.3314

Sweetspot

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



42.9872, 0.3127, 0.3095



86.0908, 0.3127, 0.3242



41.8102, 0.3005, 0.3105



18.9908, 0.3127, 0.3244



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.



42.9872, 0.3127, 0.3095



75.2058, 0.3127, 0.3043



42.8573, 0.3189, 0.3176



9.1301, 0.3127, 0.3064



8.3801, 0.3038, 0.1447



0.3050, 0.3085, 0.1473

Inverse Universe

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



42.5523, 0.3255, 0.3277



74.2293, 0.3292, 0.3273



46.9691, 0.3070, 0.3407



9.0221, 0.3277, 0.3274



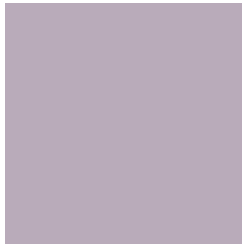
7.0469, 0.6311, 0.3250



0.2519, 0.5976, 0.3066

Previews

White Background



This preview shows how the Yxy color 42.9853, 0.3127, 0.3095 looks on a white background.

Color Contrast Check

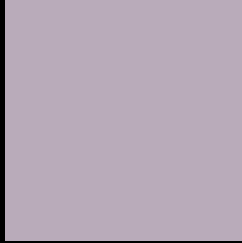
Large Text (above 18pt) WCAG AA × Fail

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 42.9853, 0.3127, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

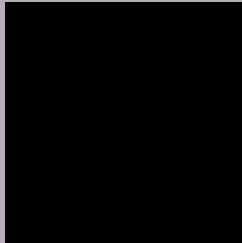
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9853, 0.3127, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 42.9853, 0.3127, 0.3095.



This preview shows how white text looks on a background with the Yxy color 42.9853, 0.3127, 0.3095.

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

42.9853, 0.3127, 0.3095

Protanopia

43.0169, 0.3023, 0.3104

Deuteranopia

42.8594, 0.3146, 0.3083



Tritanopia

42.9429, 0.3136, 0.3108

Trichromacy



Original Color

42.9853, 0.3127, 0.3095

Protanomaly

43.0587, 0.3066, 0.3106

Deuteranomaly

42.7337, 0.3137, 0.3083

Tritanomaly

42.9429, 0.3136, 0.3108

Monochromacy



Original Color

42.9853, 0.3127, 0.3095

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.6585, 0.3130, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9853, 0.3127, 0.3095 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, 171, 186)` looks like.

```
.text, #text, p{  
    color:rgb(185, 171, 186)  
}
```

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, 171, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 171, 186) }
```

Border

The CSS property to change the border of an element to Yxy 42.9853, 0.3127, 0.3095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

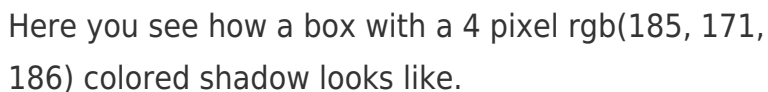
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 171, 186) }
```

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

```
.border{ border-color:rgb(185, 171, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 171, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 171, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 171, 186); box-shadow:4px 4px 4px 4px rgb(185, 171, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9853, 0.3127, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 171, 186) }
```

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

```
.background{ background-color: rgb(185,  
171, 186) }
```

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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