

Converting Colors

$Y_{xy}(43.3510, 0.3105, 0.3169)$

Have a look what the booklet for
Yxy(43.3510, 0.3105, 0.3169)
contains.

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Color

Yxy(43.3943, 0.3106, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	B4AEB7
RGB	180, 174, 183
RGB Percent	71%, 68%, 72%
CMY	0.2942, 0.3176, 0.2823
CMYK	0.02, 0.05, 0.00, 0.28
HSL	280°, 6%, 70%
HSV	280°, 5%, 72%
XYZ	42.5048, 43.3943, 50.9483
YIQ	176.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

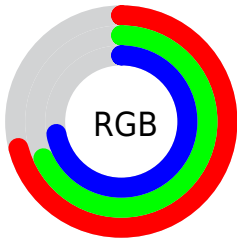
Format	Color
RYB	180, 174, 183
Decimal	11841207
CIELab	71.82, 3.82, -3.85
CIELCh	72, 5.422, 314.722
Yxy	43.3943, 0.3106, 0.3171
Android (android.graphics.Color)	4290031287 (0xFFB4AEB7)
YUV	176.8200, 3.0467, 2.7889
Hunter-Lab	65.8744, -0.1047, 0.2562

Details

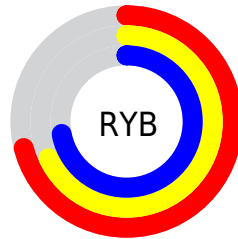
The Yxy color **43.3943, 0.3106, 0.3171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.2860, 0.3147, 0.3410**, and the grayscale version is **43.8510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1035, 0.3112, 0.3188**, and **20.0428, 0.3098, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **36.0752, 0.3057, 0.2917**, and if you desaturate by 10%, it is **51.7137, 0.3147, 0.3408**.

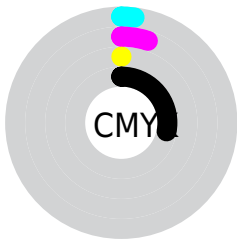
Distribution



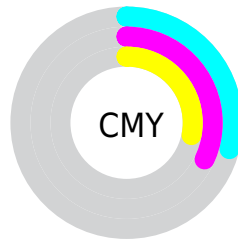
- Red (71%)
- Green (68%)
- Blue (72%)



- Red (71%)
- Yellow (68%)
- Blue (72%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



- Cyan (29%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3943, 0.3106, 0.3171 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 43.3943, 0.3106, 0.3171 by changing the saturation by 10% instead.

■ 43.3943, 0.3106,
0.3171

■ 43.3943, 0.3106,
0.3171

360.2308, 0.3117,
0.3231

■ 30.1946, 0.3103,
0.3156

■ 80.3055, 0.3110,
0.3193

■ 19.9864, 0.3099,
0.3137

104.7859, 0.3112,
0.3201

■ 12.3851, 0.3094,
0.3111

133.7952, 0.3113,
0.3208

■ 7.0065, 0.3087,
0.3074

167.7180, 0.3114,
0.3214

■ 3.4662, 0.3076,
0.3019

206.9385, 0.3115,
0.3219

■ 1.3797, 0.3056,
0.2927

251.8412, 0.3116,

■ 0.2017, 0.2920,

0.3223

0.2068

302.8105, 0.3116,
0.3227

0.0000, 0.0000,
0.0000

43.3943, 0.3106,
0.3171

43.3943, 0.3106,
0.3171

36.0752, 0.3057,
0.2917

51.7137, 0.3147,
0.3408

29.7117, 0.2999,
0.2650

61.0647, 0.3181,
0.3626

24.2638, 0.2933,
0.2376

71.4842, 0.3208,
0.3825

19.6867, 0.2857,
0.2102

83.0055, 0.3231,
0.4005

15.9317, 0.2775,
0.1840

88.7643, 0.3261,
0.4070

■ 12.9450, 0.2687,
0.1602

■ 89.6922, 0.3301,
0.4060

■ 10.6664, 0.2596,
0.1398

■ 90.6555, 0.3342,
0.4050

■ 9.0265, 0.2505,
0.1239

■ 91.6545, 0.3383,
0.4040

■ 7.9406, 0.2418,
0.1128

■ 92.6896, 0.3424,
0.4030

Harmonies

Analogous

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



43.3943, 0.3034, 0.3158



43.3943, 0.3106, 0.3171



43.3943, 0.3184, 0.3215

Triad

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



43.3943, 0.3106, 0.3171



43.3943, 0.3268, 0.3400



43.3943, 0.3008, 0.3300

Complementary

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



43.3943, 0.3106, 0.3171



46.2860, 0.3147, 0.3410

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.



43.3943, 0.3069, 0.3367



43.3943, 0.3106, 0.3171



43.3943, 0.3220, 0.3425

Square

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



43.3943, 0.3106, 0.3171



43.3943, 0.3279, 0.3346



43.3943, 0.3147, 0.3413



43.3943, 0.2978, 0.3231

Rectangle

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



43.3943, 0.3106, 0.3171



43.3943, 0.3229, 0.3256



43.3943, 0.3147, 0.3413



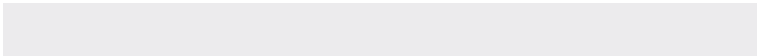
43.3943, 0.3026, 0.3324

Sweetspot

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



43.3962, 0.3106, 0.3171



83.3060, 0.3123, 0.3266



43.9282, 0.3053, 0.3212



18.4168, 0.3123, 0.3267



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.



43.3962, 0.3106, 0.3171



76.0713, 0.3101, 0.3142



43.7089, 0.3144, 0.3190



9.4806, 0.3099, 0.3131



5.2754, 0.2385, 0.1088



0.2185, 0.2604, 0.1208

Inverse Universe

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



43.5213, 0.3182, 0.3250



76.3493, 0.3196, 0.3240



45.9859, 0.3111, 0.3393



9.5181, 0.3201, 0.3237



7.2750, 0.5593, 0.2855



0.2683, 0.4856, 0.2449

Previews

White Background



This preview shows how the Yxy color 43.3943, 0.3106, 0.3171 looks on a white background.

Color Contrast Check

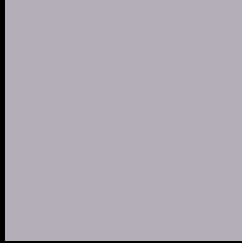
Large Text (above 18pt) WCAG AA × Fail

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 43.3943, 0.3106, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

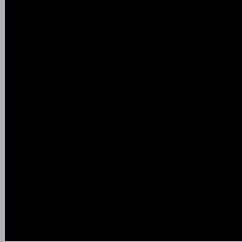
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

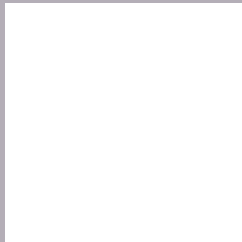
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3943, 0.3106, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 43.3943, 0.3106, 0.3171.



This preview shows how white text looks on a background with the Yxy color 43.3943, 0.3106, 0.3171.

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

43.3943, 0.3106, 0.3171

Protanopia

43.4677, 0.3072, 0.3171

Deuteranopia

43.4053, 0.3180, 0.3123



Tritanopia

43.2988, 0.3083, 0.3107

Trichromacy



Original Color

43.3943, 0.3106, 0.3171

Protanomaly

43.5856, 0.3080, 0.3171

Deuteranomaly

43.4048, 0.3152, 0.3134

Tritanomaly

43.2561, 0.3091, 0.3120

Monochromacy



Original Color

43.3943, 0.3106, 0.3171

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7703, 0.3120, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3943, 0.3106, 0.3171 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(180, 174, 183)` looks like.

```
.text, #text, p{  
    color:rgb(180, 174, 183)  
}
```

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(180, 174, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 174, 183) }
```

Border

The CSS property to change the border of an element to Yxy 43.3943, 0.3106, 0.3171 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(180, 174, 183) }
```

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

```
.border{ border-color:rgb(180, 174, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 174, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 174, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 174, 183);  
box-shadow:4px 4px 4px 4px rgb(180, 174,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3943, 0.3106, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 174, 183) }
```

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

```
.background{ background-color: rgb(180,  
174, 183) }
```

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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