

# Converting Colors

Yxy(43.4813, 0.3361, 0.3610)

Have a look what the booklet for  
Yxy(43.4813, 0.3361, 0.3610)  
contains.

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# Color

**Yxy(43.5679, 0.3363, 0.3615)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5B199
RGB	181, 177, 153
RGB Percent	71%, 69%, 60%
CMY	0.2902, 0.3059, 0.3999
CMYK	0.00, 0.02, 0.15, 0.29
HSL	51°, 16%, 65%
HSV	51°, 15%, 71%
XYZ	40.5308, 43.5679, 36.4211
YIQ	175.4600, 10.0880, -6.6160

# Conversions

## Conversions Part 2

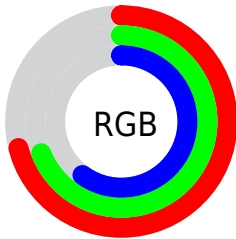
Format	Color
<a href="#">RYB</a>	<a href="#">158, 181, 153</a>
Decimal	<a href="#">11907481</a>
CIELab	<a href="#">71.94, -2.70, 12.79</a>
CIELCh	<a href="#">72, 13.067, 101.932</a>
Yxy	<a href="#">43.5679, 0.3363, 0.3615</a>
Android (android.graphics.Color)	<a href="#">4290097561</a> ( <a href="#">0xFFB5B199</a> )
YUV	<a href="#">175.4600, -11.0728, 4.8586</a>
Hunter-Lab	<a href="#">66.0060, -5.9030, 13.4889</a>

# Details

The Yxy color  $43.5679, 0.3363, 0.3615$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $34.2368, 0.2883, 0.2943$ , and the grayscale version is  $43.1774, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $80.7873, 0.3322, 0.3563$ , and  $20.2157, 0.3429, 0.3720$  is the 20% darker color. If you saturate the color by 10%, you get  $42.0018, 0.3525, 0.3832$ , and if you desaturate by 10%, it is  $45.2480, 0.3208, 0.3402$ .

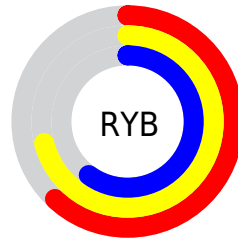
# Distribution



Red (71%)

Green (69%)

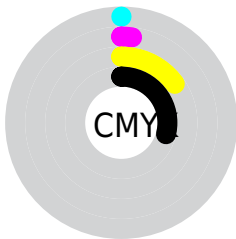
Blue (60%)



Red (62%)

Yellow (71%)

Blue (60%)

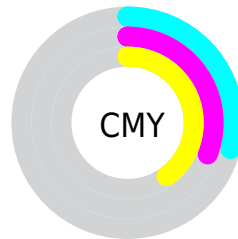


Cyan (0%)

Magenta (2%)

Yellow (15%)

Black (29%)



Cyan (29%)

Magenta (31%)


Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5679, 0.3363, 0.3615 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 43.5679, 0.3363, 0.3615 by changing the saturation by 10% instead.





 43.5679, 0.3363,  
0.3615


 43.5679, 0.3363,  
0.3615

360.9421, 0.3244,  
0.3450

 30.3310, 0.3393,  
0.3657


 80.5671, 0.3320,  
0.3554

 20.0899, 0.3431,  
0.3712


 105.0982, 0.3304,  
0.3532

 12.4604, 0.3482,  
0.3785


134.1628, 0.3290,  
0.3513

 7.0581, 0.3553,  
0.3889

168.1453, 0.3278,  
0.3496

 3.4984, 0.3659,  
0.4047

207.4301, 0.3268,  
0.3482

 1.3972, 0.3898,  
0.4389

252.4015, 0.3259,

 0.2146, 0.3914,

0.3470

0.6086

303.4441, 0.3251,  
0.3459

0.0000, 0.0000,  
0.0000

43.5679, 0.3363,  
0.3615

43.5679, 0.3363,  
0.3615

42.0018, 0.3525,  
0.3832

45.2480, 0.3208,  
0.3402

40.5398, 0.3691,  
0.4047

47.0404, 0.3062,  
0.3199

39.1794, 0.3856,  
0.4253

48.9505, 0.2928,  
0.3007

37.9156, 0.4013,  
0.4439

50.9820, 0.2805,  
0.2828

36.7430, 0.4156,  
0.4596

53.1382, 0.2693,  
0.2664

■ 35.6558, 0.4278,  
0.4716

■ 54.9877, 0.2629,  
0.2578

■ 34.6468, 0.4374,  
0.4793

■ 56.1405, 0.2632,  
0.2608

■ 33.7076, 0.4443,  
0.4826

■ 57.3134, 0.2635,  
0.2639

■ 33.2955, 0.4470,  
0.4833

■ 58.5067, 0.2639,  
0.2669

# Harmonies

## Analogous

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



43.5679, 0.3475, 0.3541



43.5679, 0.3363, 0.3615



43.5679, 0.3189, 0.3599

# Triad

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



43.5679, 0.3363, 0.3615



43.5679, 0.2776, 0.3157



43.5679, 0.3246, 0.3100

# Complementary

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



43.5679, 0.3363, 0.3615



34.2368, 0.2883, 0.2943

# 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.



43.5679, 0.3056, 0.3003



43.5679, 0.3363, 0.3615



43.5679, 0.2789, 0.3031

# Square

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



43.5679, 0.3363, 0.3615



43.5679, 0.2853, 0.3327



43.5679, 0.2890, 0.2977



43.5679, 0.3407, 0.3245



# Rectangle

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



43.5679, 0.3363, 0.3615



43.5679, 0.3063, 0.3536



43.5679, 0.2890, 0.2977



43.5679, 0.3183, 0.3061

# Sweetspot

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



43.5698, 0.3363, 0.3615



81.1474, 0.3202, 0.3395



35.0578, 0.3371, 0.3232



17.4925, 0.3213, 0.3409



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

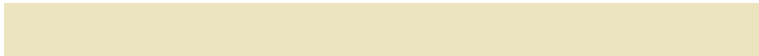


# Same Dimension

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



43.5698, 0.3363, 0.3615



76.9189, 0.3425, 0.3699



44.0336, 0.3267, 0.3677



9.6951, 0.3267, 0.3484



23.0286, 0.4466, 0.4836



0.7811, 0.4379, 0.4905



# Inverse Universe

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



34.2368, 0.2883, 0.2943



56.5905, 0.2817, 0.2846



33.8952, 0.2971, 0.2894



8.4200, 0.2985, 0.3089



2.8704, 0.1536, 0.0731



0.1516, 0.1648, 0.1133



# Previews

## White Background



This preview shows how the Yxy color 43.5679, 0.3363, 0.3615 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

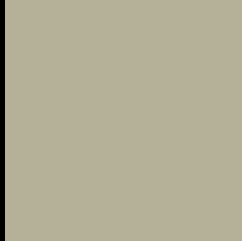
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.5679, 0.3363, 0.3615 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

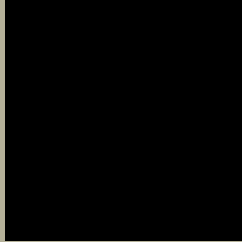
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

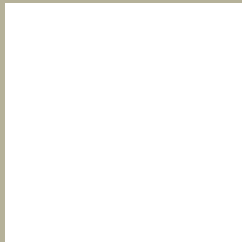
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 43.5679, 0.3363, 0.3615**

## **Background**



This preview shows how black text looks on a background with the Yxy color 43.5679, 0.3363, 0.3615.



This preview shows how white text looks on a background with the Yxy color 43.5679, 0.3363, 0.3615.

# 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

43.5679, 0.3363, 0.3615

### Protanopia

43.6320, 0.3411, 0.3612

### Deuteranopia

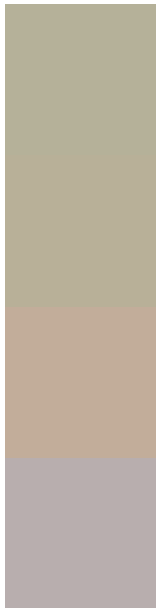
43.5001, 0.3560, 0.3496



## Tritanopia

43.3645, 0.3127, 0.3108

# Trichromacy



## Original Color

43.5679, 0.3363, 0.3615

## Protanomaly

43.5080, 0.3402, 0.3613

## Deuteranomaly

43.6896, 0.3485, 0.3539

## Tritanomaly

43.5184, 0.3217, 0.3290

# Monochromacy



## Original Color

43.5679, 0.3363, 0.3615

## Achromatopsia

42.8690, 0.3127, 0.3290

## Achromatomaly

43.1878, 0.3210, 0.3412

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.5679, 0.3363, 0.3615 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, 177, 153)` looks like.

```
.text, #text, p{  
    color:rgb(181, 177, 153)  
}
```

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, 177, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 177, 153) }
```

## Border

The CSS property to change the border of an element to Yxy 43.5679, 0.3363, 0.3615 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, 177, 153) }
```

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

```
.border{ border-color:rgb(181, 177, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 177, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 177, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 177, 153);  
box-shadow:4px 4px 4px 4px rgb(181, 177,  
153) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.5679, 0.3363, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 177, 153) }
```

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

```
.background{ background-color: rgb(181,  
177, 153) }
```

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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