

# Converting Colors

Yxy(43.2748, 0.3163, 0.3175)



Have a look what the booklet for  
Yxy(43.2748, 0.3163, 0.3175)  
contains.

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# Color

**Yxy(43.1555, 0.3168, 0.3172)**



# Conversions

Conversions Part 1	
Format	Color
Hex	B9ACB5
RGB	185, 172, 181
RGB Percent	73%, 67%, 71%
CMY	0.2746, 0.3255, 0.2900
CMYK	0.00, 0.07, 0.02, 0.27
HSL	318°, 8%, 70%
HSV	318°, 7%, 73%
XYZ	43.1011, 43.1555, 49.7948
YIQ	176.9130, 4.8590, 5.5550



# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">185, 172, 181</a>
Decimal	<a href="#">12168373</a>
CIELab	<a href="#">71.66, 6.29, -2.95</a>
CIELCh	<a href="#">72, 6.948, 334.874</a>
Yxy	<a href="#">43.1555, 0.3168, 0.3172</a>
Android (android.graphics.Color)	<a href="#">4290358453</a> <a href="#">(0xFFB9ACB5)</a>
YUV	<a href="#">176.9130, 2.0149, 7.0923</a>
Hunter-Lab	<a href="#">65.6928, 2.1514, 1.0435</a>



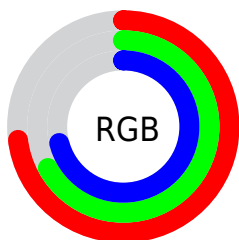
# Details

The Yxy color **43.1555, 0.3168, 0.3172** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.5961, 0.3089, 0.3411**, and the grayscale version is **43.9068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7534, 0.3160, 0.3188**, and **19.8970, 0.3184, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **36.3727, 0.3235, 0.2997**, and if you desaturate by 10%, it is **50.9315, 0.3111, 0.3339**.



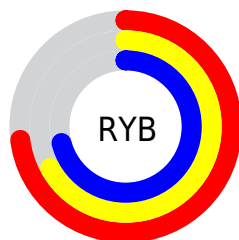
# Distribution



Red (73%)

Green (67%)

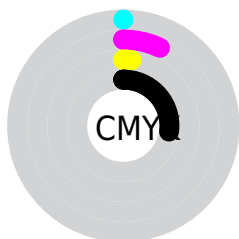
Blue (71%)



Red (73%)

Yellow (67%)

Blue (71%)

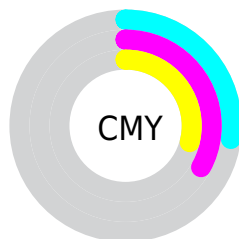


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (29%)





# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1555, 0.3168, 0.3172 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 43.1555, 0.3168, 0.3172 by changing the saturation by 10% instead.





 43.1555, 0.3168,  
0.3172

 43.1555, 0.3168,  
0.3172

359.2509, 0.3148,  
0.3231

 30.0071, 0.3173,  
0.3157

 79.9455, 0.3161,  
0.3194

 19.8440, 0.3180,  
0.3138


104.3559, 0.3158,  
0.3202

 12.2817, 0.3188,  
0.3112


133.2891, 0.3155,  
0.3209

 6.9358, 0.3201,  
0.3076

167.1294, 0.3153,  
0.3214

 3.4220, 0.3219,  
0.3022

206.2614, 0.3152,  
0.3220

 1.3558, 0.3250,  
0.2930

251.0694, 0.3150,


 0.1838, 0.3574,





0.3224

0.2001


301.9377, 0.3149,  
0.3228


 0.0000, 0.0000,  
0.0000


 43.1555, 0.3168,  
0.3172

 43.1555, 0.3168,  
0.3172

 36.3727, 0.3235,  
0.2997


 50.9315, 0.3111,  
0.3339


 30.5371, 0.3313,  
0.2818

 59.7332, 0.3063,  
0.3495

 25.6074, 0.3403,  
0.2639

 69.5984, 0.3023,  
0.3641


 21.5372, 0.3506,  
0.2468


 80.5613, 0.2990,  
0.3775


 18.2759, 0.3619,  
0.2314


 86.4441, 0.2961,  
0.3803





 15.7673, 0.3741,  
0.2188


 86.7279, 0.2931,  
0.3738


 13.9483, 0.3869,  
0.2099

 87.0217, 0.2901,  
0.3673

 12.7453, 0.3997,  
0.2056

 87.3255, 0.2872,  
0.3609

 12.0553, 0.4123,  
0.2061

 87.6395, 0.2843,  
0.3545



# Harmonies

## Analogous

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



43.1555, 0.3067, 0.3127



43.1555, 0.3168, 0.3172



43.1555, 0.3259, 0.3247



# Triad

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



43.1555, 0.3168, 0.3172



43.1555, 0.3271, 0.3458



43.1555, 0.2944, 0.3241



# Complementary

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



43.1555, 0.3168, 0.3172



46.5961, 0.3089, 0.3411



# 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.



43.1555, 0.2996, 0.3332



43.1555, 0.3168, 0.3172



43.1555, 0.3185, 0.3459



# Square

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



43.1555, 0.3168, 0.3172



43.1555, 0.3319, 0.3411



43.1555, 0.3084, 0.3413



43.1555, 0.2939, 0.3166



# Rectangle

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



43.1555, 0.3168, 0.3172



43.1555, 0.3301, 0.3305



43.1555, 0.3084, 0.3413



43.1555, 0.2956, 0.3271

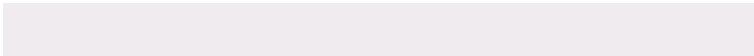


# Sweetspot

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



43.1574, 0.3168, 0.3172



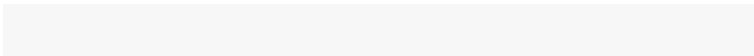
84.0230, 0.3138, 0.3256



42.2276, 0.3055, 0.3117



18.1456, 0.3138, 0.3258



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.



43.1574, 0.3168, 0.3172



75.8677, 0.3175, 0.3153



42.8991, 0.3222, 0.3256



9.1150, 0.3183, 0.3132



8.1113, 0.4146, 0.2058



0.2964, 0.3851, 0.1895







# Inverse Universe

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



43.1574, 0.3168, 0.3172



75.8677, 0.3175, 0.3153



46.8570, 0.3040, 0.3324



9.1150, 0.3183, 0.3132



8.1113, 0.4146, 0.2058



0.2964, 0.3851, 0.1895

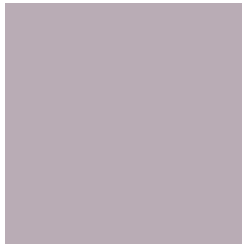






# Previews

## White Background



This preview shows how the Yxy color 43.1555, 0.3168, 0.3172 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

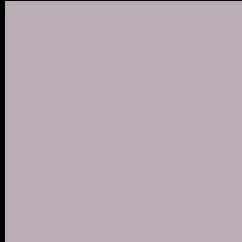
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.1555, 0.3168, 0.3172 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 43.1555, 0.3168, 0.3172**

## Background



This preview shows how black text looks on a background with the Yxy color 43.1555, 0.3168, 0.3172.



This preview shows how white text looks on a background with the Yxy color 43.1555, 0.3168, 0.3172.



# 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

43.1555, 0.3168, 0.3172

### Protanopia

43.4260, 0.3080, 0.3184

### Deuteranopia

43.0328, 0.3215, 0.3148





## Tritanopia

43.0677, 0.3145, 0.3108



# Trichromacy



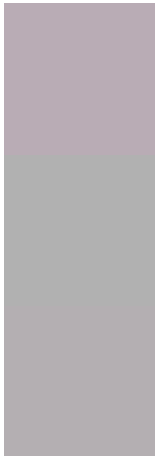
**Original Color**  
43.1555, 0.3168, 0.3172

**Protanomaly**  
43.3528, 0.3114, 0.3184

**Deuteranomaly**  
43.1534, 0.3196, 0.3160

**Tritanomaly**  
43.0256, 0.3153, 0.3121

# Monochromacy



**Original Color**  
43.1555, 0.3168, 0.3172

**Achromatopsia**  
43.9657, 0.3127, 0.3290

**Achromatomaly**  
43.5776, 0.3147, 0.3250



# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.1555, 0.3168, 0.3172 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, 172, 181) looks like.

```
.text, #text, p{  
    color:rgb(185, 172, 181)  
}
```



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, 172, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 172, 181) }
```

## Border

The CSS property to change the border of an element to Yxy 43.1555, 0.3168, 0.3172 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, 172, 181) }
```



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

```
.border{ border-color:rgb(185, 172, 181) }
```

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

Here you see how a box with a 4 pixel rgb(185, 172, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 172, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 172, 181);  
box-shadow:4px 4px 4px 4px rgb(185, 172,  
181) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.1555, 0.3168, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 172, 181) }
```

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

```
.background{ background-color: rgb(185,  
172, 181) }
```

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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