

# Converting Colors

$Yxy(44.4203, 0.3120, 0.3209)$

Have a look what the booklet for  
Yxy(44.4203, 0.3120, 0.3209)  
contains.

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# Color

**Yxy(44.2518, 0.3122, 0.3211)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5B0B6
RGB	181, 176, 182
RGB Percent	71%, 69%, 71%
CMY	0.2902, 0.3098, 0.2862
CMYK	0.01, 0.03, 0.00, 0.29
HSL	290°, 4%, 70%
HSV	290°, 3%, 71%
XYZ	43.0253, 44.2518, 50.5361
YIQ	178.1790, 1.0540, 2.9260

# Conversions

## Conversions Part 2

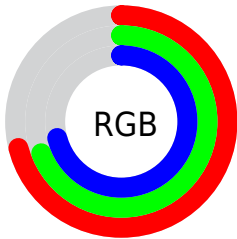
Format	Color
<a href="#">RYB</a>	<a href="#">181, 176, 182</a>
Decimal	<a href="#">11907254</a>
CIELab	<a href="#">72.40, 2.89, -2.44</a>
CIElCh	<a href="#">72, 3.786, 319.829</a>
Yxy	<a href="#">44.2518, 0.3122, 0.3211</a>
Android (android.graphics.Color)	<a href="#">4290097334</a> ( <a href="#">0xFFB5B0B6</a> )
YUV	<a href="#">178.1790, 1.8838, 2.4740</a>
Hunter-Lab	<a href="#">66.5220, -0.9629, 1.5234</a>

# Details

The Yxy color **44.2518, 0.3122, 0.3211** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.9453, 0.3132, 0.3370**, and the grayscale version is **44.6110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8908, 0.3123, 0.3229**, and **20.5895, 0.3119, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **37.2203, 0.3104, 0.2964**, and if you desaturate by 10%, it is **52.2523, 0.3136, 0.3445**.

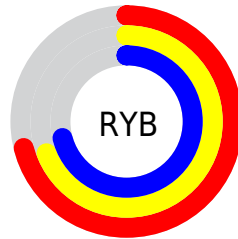
# Distribution



Red (71%)

Green (69%)

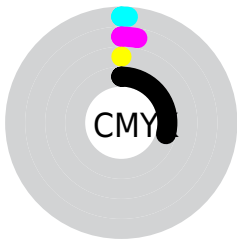
Blue (71%)



Red (71%)

Yellow (69%)

Blue (71%)

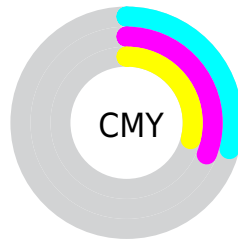


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2518, 0.3122, 0.3211 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 44.2518, 0.3122, 0.3211 by changing the saturation by 10% instead.



■ 44.2518, 0.3122,  
0.3211

■ 44.2518, 0.3122,  
0.3211

363.7348, 0.3125,  
0.3251

■ 30.8685, 0.3121,  
0.3201

■ 81.5965, 0.3123,  
0.3225

■ 20.4987, 0.3120,  
0.3188

106.3267, 0.3123,  
0.3231

■ 12.7581, 0.3119,  
0.3171

135.6080, 0.3124,  
0.3235

■ 7.2622, 0.3117,  
0.3147

169.8248, 0.3124,  
0.3239

■ 3.6266, 0.3114,  
0.3110

209.3615, 0.3124,  
0.3243

■ 1.4670, 0.3109,  
0.3049

254.6025, 0.3124,

■ 0.2653, 0.3081,

0.3246

0.2532

305.9321, 0.3125,  
0.3248

0.0000, 0.0000,  
0.0000

44.2518, 0.3122,  
0.3211

44.2518, 0.3122,  
0.3211

37.2203, 0.3104,  
0.2964

52.2523, 0.3136,  
0.3445

31.1143, 0.3081,  
0.2707

61.2518, 0.3147,  
0.3664

25.8953, 0.3054,  
0.2449

71.2862, 0.3156,  
0.3865

21.5199, 0.3022,  
0.2196

82.3878, 0.3161,  
0.4049

17.9411, 0.2986,  
0.1959

86.6835, 0.3175,  
0.4104

■ 15.1073, 0.2946,  
0.1749

■ 87.1010, 0.3195,  
0.4099

■ 12.9605, 0.2903,  
0.1573

■ 87.5271, 0.3214,  
0.4095

■ 11.4346, 0.2859,  
0.1440

■ 87.9617, 0.3233,  
0.4090

■ 10.4497, 0.2815,  
0.1351

■ 88.4050, 0.3253,  
0.4085

# Harmonies

## Analogous

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



44.2518, 0.3070, 0.3198



44.2518, 0.3122, 0.3211



44.2518, 0.3175, 0.3245

# Triad

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



44.2518, 0.3122, 0.3211



44.2518, 0.3221, 0.3371



44.2518, 0.3039, 0.3289

# Complementary

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



44.2518, 0.3122, 0.3211



45.9453, 0.3132, 0.3370

# 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.



44.2518, 0.3079, 0.3336



44.2518, 0.3122, 0.3211



44.2518, 0.3184, 0.3384

# Square

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



44.2518, 0.3122, 0.3211



44.2518, 0.3233, 0.3337



44.2518, 0.3132, 0.3371



44.2518, 0.3023, 0.3242



# Rectangle

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



44.2518, 0.3122, 0.3211



44.2518, 0.3205, 0.3275



44.2518, 0.3132, 0.3371



44.2518, 0.3050, 0.3305

# Sweetspot

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



44.2537, 0.3122, 0.3211



83.3745, 0.3126, 0.3266



44.0946, 0.3078, 0.3225



18.4312, 0.3126, 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.



44.2537, 0.3122, 0.3211



79.1808, 0.3121, 0.3192



44.2987, 0.3146, 0.3236



9.8451, 0.3120, 0.3178



7.0738, 0.2791, 0.1311



0.2699, 0.2905, 0.1374

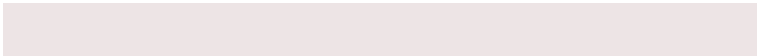


# Inverse Universe

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



44.1740, 0.3172, 0.3277



79.0045, 0.3183, 0.3274



45.9024, 0.3108, 0.3345



9.8198, 0.3191, 0.3271



7.0989, 0.6126, 0.3148



0.2580, 0.5482, 0.2794



# Previews

## White Background



This preview shows how the Yxy color 44.2518, 0.3122, 0.3211 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

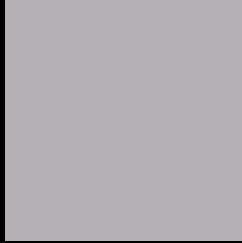
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 44.2518, 0.3122, 0.3211 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

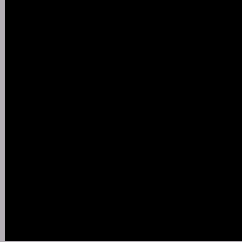
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

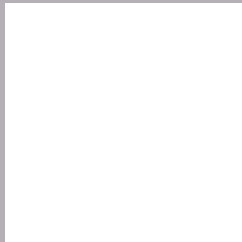
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 44.2518, 0.3122, 0.3211**

## **Background**



This preview shows how black text looks on a background with the Yxy color 44.2518, 0.3122, 0.3211.

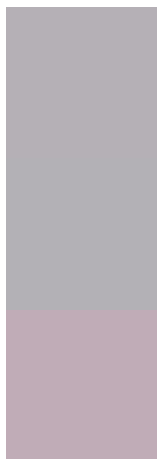


This preview shows how white text looks on a background with the Yxy color 44.2518, 0.3122, 0.3211.

# 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

44.2518, 0.3122, 0.3211

### Protanopia

44.4054, 0.3104, 0.3224

### Deuteranopia

44.1304, 0.3214, 0.3150



## Tritanopia

44.2792, 0.3075, 0.3108

# Trichromacy



## Original Color

44.2518, 0.3122, 0.3211

## Protanomaly

44.5250, 0.3113, 0.3224

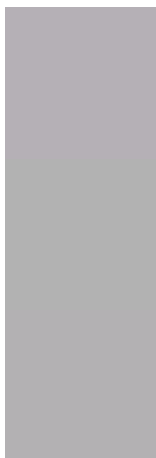
## Deuteranomaly

43.9974, 0.3178, 0.3161

## Tritanomaly

44.1502, 0.3099, 0.3146

# Monochromacy



## Original Color

44.2518, 0.3122, 0.3211

## Achromatopsia

44.5201, 0.3127, 0.3290

## Achromatomaly

44.2827, 0.3128, 0.3264

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.2518, 0.3122, 0.3211 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, 176, 182)` looks like.

```
.text, #text, p{  
    color:rgb(181, 176, 182)  
}
```

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, 176, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 176, 182) }
```

## Border

The CSS property to change the border of an element to Yxy 44.2518, 0.3122, 0.3211 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, 176, 182) }
```

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

```
.border{ border-color:rgb(181, 176, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 176, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 176, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 176, 182);  
box-shadow:4px 4px 4px 4px rgb(181, 176,  
182) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.2518, 0.3122, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 176, 182) }
```

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

```
.background{ background-color: rgb(181,  
176, 182) }
```

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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