

# Converting Colors

Yxy(53.0741, 0.3139, 0.3378)

Have a look what the booklet for  
Yxy(53.0741, 0.3139, 0.3378)  
contains.

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# Color

**Yxy(52.9902, 0.3139, 0.3378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDC2BB
RGB	189, 194, 187
RGB Percent	74%, 76%, 73%
CMY	0.2589, 0.2392, 0.2667
CMYK	0.03, 0.00, 0.04, 0.24
HSL	103°, 5%, 75%
HSV	103°, 4%, 76%
XYZ	49.2410, 52.9902, 54.6373
YIQ	191.7070, -0.7330, -3.2370

# Conversions

## Conversions Part 2

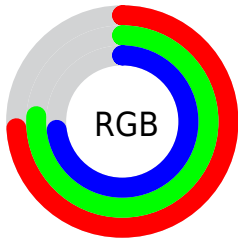
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">187, 194, 192</a>
Decimal	<a href="#">12436155</a>
CIELab	<a href="#">77.87, -3.03, 2.91</a>
CIELCh	<a href="#">78, 4.206, 136.163</a>
Yxy	<a href="#">52.9902, 0.3139, 0.3378</a>
Android (android.graphics.Color)	<a href="#">4290626235 (0xFFBDC2BB)</a>
YUV	<a href="#">191.7070, -2.3206, -2.3740</a>
Hunter-Lab	<a href="#">72.7944, -6.6456, 6.4547</a>

# Details

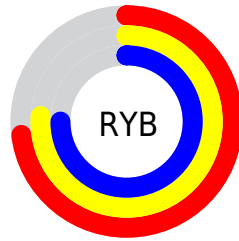
The Yxy color **52.9902, 0.3139, 0.3378** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6399, 0.3115, 0.3203**, and the grayscale version is **52.5450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2548, 0.3137, 0.3359**, and **25.7116, 0.3144, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **50.5223, 0.3171, 0.3640**, and if you desaturate by 10%, it is **55.7457, 0.3106, 0.3144**.

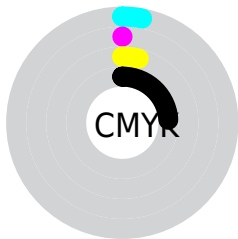
# Distribution



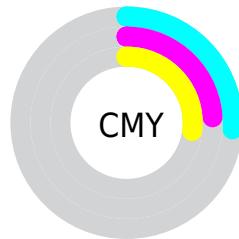
- Red (74%)
- Green (76%)
- Blue (73%)



- Red (73%)
- Yellow (76%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (26%)
- Magenta (24%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9902, 0.3139, 0.3378 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 52.9902, 0.3139, 0.3378 by changing the saturation by 10% instead.



■ 52.9902, 0.3139,  
0.3378

■ 52.9902, 0.3139,  
0.3378

398.2475, 0.3133,  
0.3335

■ 37.7949, 0.3140,  
0.3389

■ 94.5899, 0.3137,  
0.3362

■ 25.8236, 0.3142,  
0.3402

121.7632, 0.3136,  
0.3357

■ 16.6917, 0.3144,  
0.3420

153.6980, 0.3136,  
0.3352

■ 10.0149, 0.3147,  
0.3444

190.7786, 0.3135,  
0.3347

■ 5.4089, 0.3151,  
0.3480

233.3895, 0.3135,  
0.3344

■ 2.4891, 0.3158,  
0.3538

281.9150, 0.3134,

■ 0.8712, 0.3181,

0.3340

0.3676

336.7395, 0.3134,  
0.3337

0.0000, 0.0000,  
0.0000

52.9902, 0.3139,  
0.3378

52.9902, 0.3139,  
0.3378

50.5223, 0.3171,  
0.3640

55.7457, 0.3106,  
0.3144

48.3258, 0.3200,  
0.3927

58.7907, 0.3074,  
0.2936

46.3933, 0.3225,  
0.4237

62.1359, 0.3042,  
0.2753

44.7144, 0.3243,  
0.4561

65.1561, 0.3078,  
0.2678

43.2780, 0.3251,  
0.4886

67.0699, 0.3155,  
0.2693

■ 42.0722, 0.3247,  
0.5194

■ 41.0837, 0.3229,  
0.5467

■ 40.2982, 0.3197,  
0.5684

■ 39.6987, 0.3154,  
0.5834

# Harmonies

## Analogous

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



52.9902, 0.3192, 0.3388



52.9902, 0.3139, 0.3378



52.9902, 0.3083, 0.3344

# Triad

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



52.9902, 0.3139, 0.3378



52.9902, 0.3027, 0.3208



52.9902, 0.3216, 0.3285

# Complementary

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



52.9902, 0.3139, 0.3378



50.6399, 0.3115, 0.3203

# 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.



52.9902, 0.3171, 0.3237



52.9902, 0.3139, 0.3378



52.9902, 0.3062, 0.3194

# Square

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



52.9902, 0.3139, 0.3378



52.9902, 0.3018, 0.3245



52.9902, 0.3115, 0.3204



52.9902, 0.3237, 0.3333



# Rectangle

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



52.9902, 0.3139, 0.3378



52.9902, 0.3051, 0.3312



52.9902, 0.3115, 0.3204



52.9902, 0.3203, 0.3268

# Sweetspot

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



52.9925, 0.3139, 0.3378



97.2436, 0.3130, 0.3314



52.7676, 0.3181, 0.3353



21.3007, 0.3130, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

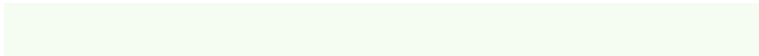


# Same Dimension

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



52.9925, 0.3139, 0.3378



95.7856, 0.3140, 0.3389



52.8056, 0.3112, 0.3359



11.6540, 0.3142, 0.3404



25.9353, 0.3133, 0.5894



1.1566, 0.3310, 0.5754



# Inverse Universe

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



50.6399, 0.3115, 0.3203



91.0200, 0.3113, 0.3192



50.8331, 0.3143, 0.3222



10.9864, 0.3111, 0.3177



6.2205, 0.2511, 0.1157



0.3021, 0.2673, 0.1246



# Previews

## White Background



This preview shows how the Yxy color 52.9902, 0.3139, 0.3378 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

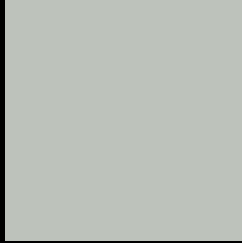
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.9902, 0.3139, 0.3378 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

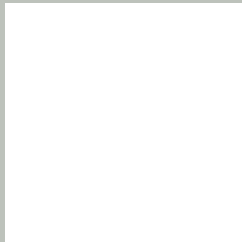
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 52.9902, 0.3139, 0.3378**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.9902, 0.3139, 0.3378.



This preview shows how white text looks on a background with the Yxy color 52.9902, 0.3139, 0.3378.

# 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

52.9902, 0.3139, 0.3378

### Protanopia

53.1148, 0.3214, 0.3364

### Deuteranopia

52.7890, 0.3323, 0.3255



## **Tritanopia**

52.9243, 0.3024, 0.3107

# Trichromacy



## Original Color

52.9902, 0.3139, 0.3378

## Protanomaly

53.1544, 0.3188, 0.3377

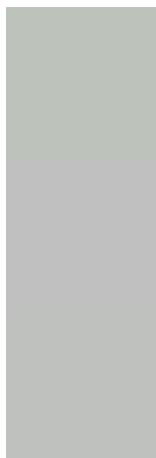
## Deuteranomaly

52.8634, 0.3260, 0.3303

## Tritanomaly

52.8992, 0.3067, 0.3204

# Monochromacy



## Original Color

52.9902, 0.3139, 0.3378

## Achromatopsia

52.7115, 0.3127, 0.3290

## Achromatomaly

52.9340, 0.3133, 0.3327

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.9902, 0.3139, 0.3378 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(189, 194, 187)` looks like.

```
.text, #text, p{  
    color:rgb(189, 194, 187)  
}
```

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(189, 194, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 194, 187) }
```

## Border

The CSS property to change the border of an element to Yxy 52.9902, 0.3139, 0.3378 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(189, 194, 187) }
```

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

```
.border{ border-color:rgb(189, 194, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 194, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 194, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 194, 187); box-shadow:4px 4px 4px 4px rgb(189, 194, 187) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.9902, 0.3139, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 194, 187) }
```

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

```
.background{ background-color: rgb(189,  
194, 187) }
```

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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