

# Converting Colors

Yxy(52.8492, 0.3179, 0.3390)

Have a look what the booklet for  
Yxy(52.8492, 0.3179, 0.3390)  
contains.

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# Color

**Yxy(52.8492, 0.3179, 0.3390)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0C1B9
RGB	192, 193, 185
RGB Percent	75%, 76%, 73%
CMY	0.2472, 0.2431, 0.2745
CMYK	0.01, 0.00, 0.04, 0.24
HSL	68°, 6%, 74%
HSV	68°, 4%, 76%
XYZ	49.5598, 52.8492, 53.4884
YIQ	191.7890, 1.9720, -2.7000

# Conversions

## Conversions Part 2

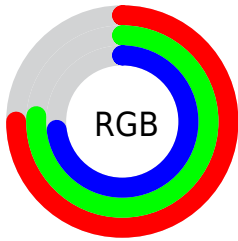
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 193, 186
Decimal	12632505
CIELab	77.79, -1.81, 3.89
CIElCh	78, 4.292, 114.947
Yxy	52.8492, 0.3179, 0.3390
Android (android.graphics.Color)	4290822585 (0xFFC0C1B9)
YUV	191.7890, -3.3470, 0.1850
Hunter-Lab	72.6975, -5.5324, 7.2646

# Details

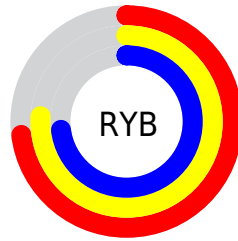
The Yxy color `52.8492, 0.3179, 0.3390` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `48.9944, 0.3074, 0.3189`, and the grayscale version is `52.6009, 0.3127, 0.3290`.

A 20% lighter version of the original color is `94.0587, 0.3168, 0.3368`, and `25.9111, 0.3197, 0.3425` is the 20% darker color. If you saturate the color by 10%, you get `51.7661, 0.3306, 0.3639`, and if you desaturate by 10%, it is `54.0531, 0.3056, 0.3153`.

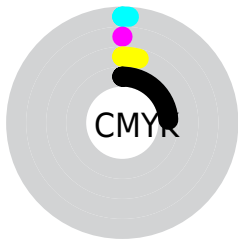
# Distribution



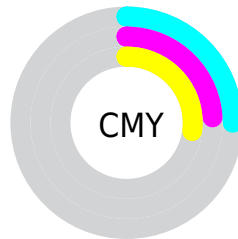
- Red (75%)
- Green (76%)
- Blue (73%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8492, 0.3179, 0.3390 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 52.8492, 0.3179, 0.3390 by changing the saturation by 10% instead.



■ 52.8492, 0.3179,  
0.3390

■ 52.8492, 0.3179,  
0.3390

■ 397.7063, 0.3154,  
0.3341

■ 37.6824, 0.3185,  
0.3402

■ 94.3824, 0.3170,  
0.3372

■ 25.7363, 0.3193,  
0.3417

■ 121.5177, 0.3167,  
0.3366

■ 16.6265, 0.3203,  
0.3437

■ 153.4111, 0.3164,  
0.3360

■ 9.9685, 0.3217,  
0.3465

■ 190.4473, 0.3161,  
0.3355

■ 5.3781, 0.3237,  
0.3506

■ 233.0105, 0.3159,  
0.3351

■ 2.4708, 0.3269,  
0.3571

■ 281.4851, 0.3157,

■ 0.8619, 0.3365,

0.3347

0.3742

336.2556, 0.3155,  
0.3344

0.0000, 0.0000,  
0.0000

52.8492, 0.3179,  
0.3390

52.8492, 0.3179,  
0.3390

51.7661, 0.3306,  
0.3639

54.0531, 0.3056,  
0.3153

50.7926, 0.3434,  
0.3896

55.3752, 0.2938,  
0.2932

49.9261, 0.3559,  
0.4153


56.8217, 0.2828,  
0.2728


49.1615, 0.3676,  
0.4403


57.9235, 0.2770,  
0.2610


48.4933, 0.3779,  
0.4634


58.2763, 0.2787,  
0.2613


 47.9154, 0.3862,  
0.4836

 58.6349, 0.2805,  
0.2616

 47.4209, 0.3923,  
0.5002

 58.9993, 0.2823,  
0.2620

 47.0019, 0.3958,  
0.5124

 59.3694, 0.2840,  
0.2623

 46.6490, 0.3967,  
0.5201

 59.7453, 0.2858,  
0.2626

# Harmonies

## Analogous

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



52.8492, 0.3222, 0.3381



52.8492, 0.3179, 0.3390



52.8492, 0.3122, 0.3372

# Triad

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



52.8492, 0.3179, 0.3390



52.8492, 0.3016, 0.3231



52.8492, 0.3188, 0.3249

# Complementary

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



52.8492, 0.3179, 0.3390



48.9944, 0.3074, 0.3189

# 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.



52.8492, 0.3132, 0.3210



52.8492, 0.3179, 0.3390



52.8492, 0.3033, 0.3200

# Square

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



52.8492, 0.3179, 0.3390



52.8492, 0.3028, 0.3280



52.8492, 0.3075, 0.3192



52.8492, 0.3227, 0.3299



# Rectangle

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



52.8492, 0.3179, 0.3390



52.8492, 0.3084, 0.3347



52.8492, 0.3075, 0.3192



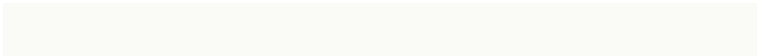
52.8492, 0.3170, 0.3235

# Sweetspot

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



52.8515, 0.3179, 0.3390



95.2949, 0.3140, 0.3314



49.9334, 0.3194, 0.3302



20.4462, 0.3139, 0.3313



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290



# Same Dimension

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



52.8515, 0.3179, 0.3390



94.4541, 0.3191, 0.3413



52.3494, 0.3147, 0.3391



11.7824, 0.3198, 0.3426



30.9228, 0.3969, 0.5231



1.3550, 0.4022, 0.5189



# Inverse Universe

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



48.9944, 0.3074, 0.3189



86.0548, 0.3062, 0.3165



49.4896, 0.3106, 0.3190



10.6253, 0.3055, 0.3151



2.7190, 0.1555, 0.0630

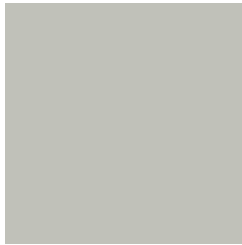


0.1385, 0.1714, 0.0718



# Previews

## White Background



This preview shows how the Yxy color 52.8492, 0.3179, 0.3390 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 52.8492, 0.3179, 0.3390 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

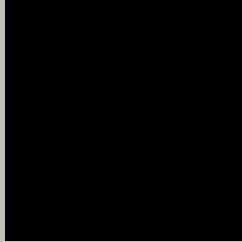
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

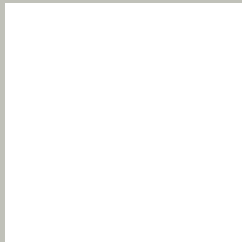
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 52.8492, 0.3179, 0.3390**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.8492, 0.3179, 0.3390.



This preview shows how white text looks on a background with the Yxy color 52.8492, 0.3179, 0.3390.

# 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

52.8492, 0.3179, 0.3390

### Protanopia

52.5926, 0.3230, 0.3377

### Deuteranopia

52.8091, 0.3356, 0.3291



## Tritanopia

52.8368, 0.3055, 0.3108

# Trichromacy



## Original Color

52.8492, 0.3179, 0.3390

## Protanomaly

52.7621, 0.3212, 0.3389

## Deuteranomaly

52.9195, 0.3284, 0.3327

## Tritanomaly

52.8082, 0.3099, 0.3204

# Monochromacy



## Original Color

52.8492, 0.3179, 0.3390

## Achromatopsia

52.7115, 0.3127, 0.3290

## Achromatomaly

52.5799, 0.3150, 0.3327

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.8492, 0.3179, 0.3390 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(192, 193, 185)` looks like.

```
.text, #text, p{  
    color:rgb(192, 193, 185)  
}
```

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(192, 193, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 193, 185) }
```

## Border

The CSS property to change the border of an element to Yxy 52.8492, 0.3179, 0.3390 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(192, 193, 185) }
```

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

```
.border{ border-color:rgb(192, 193, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 193, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 193, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 193, 185);  
box-shadow:4px 4px 4px 4px rgb(192, 193,  
185) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.8492, 0.3179, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 193, 185) }
```

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

```
.background{ background-color: rgb(192,  
193, 185) }
```

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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