

# Converting Colors

Yxy(53.4745, 0.3029, 0.3253)

Have a look what the booklet for  
Yxy(53.4745, 0.3029, 0.3253)  
contains.

<b>Yxy(53.4217, 0.3027, 0.3252)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(53.4217, 0.3027, 0.3252)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9C3C6
RGB	185, 195, 198
RGB Percent	73%, 76%, 78%
CMY	0.2743, 0.2353, 0.2235
CMYK	0.07, 0.02, 0.00, 0.22
HSL	194°, 10%, 75%
HSV	194°, 7%, 78%
XYZ	49.7255, 53.4217, 61.1261
YIQ	192.3520, -6.9230, -1.1870

# Conversions

## Conversions Part 2

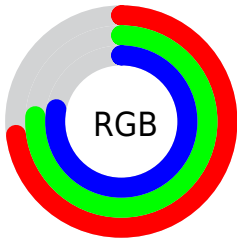
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 191, 198
Decimal	12174278
CIELab	78.12, -2.82, -2.71
CIELCh	78, 3.906, 223.858
Yxy	53.4217, 0.3027, 0.3252
Android (android.graphics.Color)	4290364358 (0xFFB9C3C6)
YUV	192.3520, 2.7845, -6.4477
Hunter-Lab	73.0901, -6.4685, 1.5782

# Details

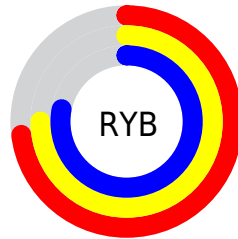
The Yxy color **53.4217, 0.3027, 0.3252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5116, 0.3234, 0.3328**, and the grayscale version is **52.9208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5416, 0.3042, 0.3260**, and **25.9689, 0.3003, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **49.0902, 0.2875, 0.3189**, and if you desaturate by 10%, it is **58.1649, 0.3180, 0.3309**.

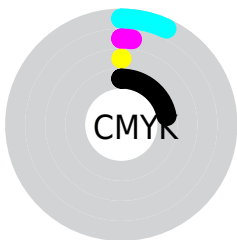
# Distribution



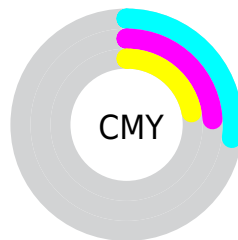
- Red (73%)
- Green (76%)
- Blue (78%)



- Red (73%)
- Yellow (75%)
- Blue (78%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (24%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4217, 0.3027, 0.3252 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 53.4217, 0.3027, 0.3252 by changing the saturation by 10% instead.



■ 53.4217, 0.3027,  
0.3252

■ 53.4217, 0.3027,  
0.3252

399.9009, 0.3076,  
0.3271

■ 38.1395, 0.3015,  
0.3247

■ 95.2246, 0.3044,  
0.3259

■ 26.0910, 0.3000,  
0.3241

122.5141, 0.3051,  
0.3261

■ 16.8917, 0.2980,  
0.3234

154.5749, 0.3057,  
0.3264

■ 10.1573, 0.2954,  
0.3223

191.7912, 0.3062,  
0.3265

■ 5.5034, 0.2915,  
0.3207

234.5476, 0.3066,  
0.3267

■ 2.5455, 0.2854,  
0.3182

283.2285, 0.3070,

■ 0.8994, 0.2740,

0.3268

0.3135

338.2181, 0.3073,  
0.3270

0.0000, 0.0000,  
0.0000

53.4217, 0.3027,  
0.3252

53.4217, 0.3027,  
0.3252

49.0902, 0.2875,  
0.3189

58.1649, 0.3180,  
0.3309

45.1490, 0.2727,  
0.3121

63.3267, 0.3331,  
0.3360

41.5845, 0.2586,  
0.3047

68.9227, 0.3480,  
0.3406

38.3801, 0.2455,  
0.2968

73.1675, 0.3552,  
0.3450

35.5174, 0.2338,  
0.2886

75.5329, 0.3542,  
0.3496

■ 32.9763, 0.2236,  
0.2801

■ 77.9652, 0.3532,  
0.3542

■ 30.7340, 0.2153,  
0.2715

■ 80.4649, 0.3523,  
0.3588

■ 28.7642, 0.2090,  
0.2629

■ 83.0325, 0.3513,  
0.3633

■ 27.0327, 0.2045,  
0.2544

■ 85.6686, 0.3503,  
0.3678

# Harmonies

## Analogous

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



53.4217, 0.3048, 0.3298



53.4217, 0.3027, 0.3252



53.4217, 0.3033, 0.3216

# Triad

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



53.4217, 0.3027, 0.3252



53.4217, 0.3164, 0.3238



53.4217, 0.3191, 0.3380

# Complementary

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



53.4217, 0.3027, 0.3252



51.5116, 0.3234, 0.3328

# 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.



53.4217, 0.3223, 0.3363



53.4217, 0.3027, 0.3252



53.4217, 0.3207, 0.3281

# Square

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



53.4217, 0.3027, 0.3252



53.4217, 0.3112, 0.3209



53.4217, 0.3229, 0.3327



53.4217, 0.3142, 0.3373

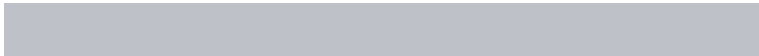


# Rectangle

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



53.4217, 0.3027, 0.3252



53.4217, 0.3051, 0.3204



53.4217, 0.3229, 0.3327



53.4217, 0.3204, 0.3377

# Sweetspot

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



53.4240, 0.3027, 0.3252



98.2883, 0.3096, 0.3279



54.3503, 0.3098, 0.3415



21.0557, 0.3098, 0.3279



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.



53.4240, 0.3027, 0.3252



93.3335, 0.3003, 0.3243



50.5816, 0.3028, 0.3170



11.6316, 0.2984, 0.3235



17.3456, 0.2035, 0.2526



0.9263, 0.2084, 0.2703



# Inverse Universe

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



50.6659, 0.3158, 0.3168



87.3649, 0.3166, 0.3139



54.3456, 0.3227, 0.3407



10.7726, 0.3173, 0.3115



9.2910, 0.3897, 0.1920

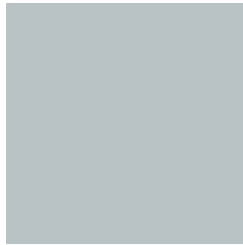


0.4505, 0.3725, 0.1826



# Previews

## White Background



This preview shows how the Yxy color 53.4217, 0.3027, 0.3252 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

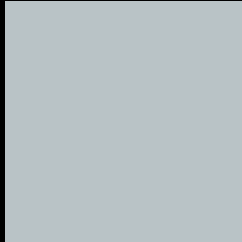
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.4217, 0.3027, 0.3252 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

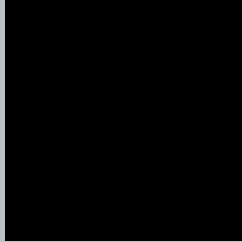
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

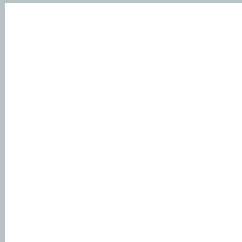
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 53.4217, 0.3027, 0.3252**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.4217, 0.3027, 0.3252.



This preview shows how white text looks on a background with the Yxy color 53.4217, 0.3027, 0.3252.

# 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

53.4217, 0.3027, 0.3252

### Protanopia

53.2869, 0.3121, 0.3241

### Deuteranopia

53.2661, 0.3209, 0.3137



## Tritanopia

53.3082, 0.2964, 0.3094

# Trichromacy



## Original Color

53.4217, 0.3027, 0.3252

## Protanomaly

53.2475, 0.3082, 0.3241

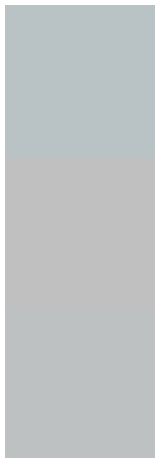
## Deuteranomaly

53.2298, 0.3140, 0.3182

## Tritanomaly

53.4305, 0.2985, 0.3154

# Monochromacy



## Original Color

53.4217, 0.3027, 0.3252

## Achromatopsia

52.7115, 0.3127, 0.3290

## Achromatomaly

52.8538, 0.3088, 0.3277

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.4217, 0.3027, 0.3252 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, 195, 198)` looks like.

```
.text, #text, p{  
    color:rgb(185, 195, 198)  
}
```

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, 195, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 195, 198) }
```

## Border

The CSS property to change the border of an element to Yxy 53.4217, 0.3027, 0.3252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

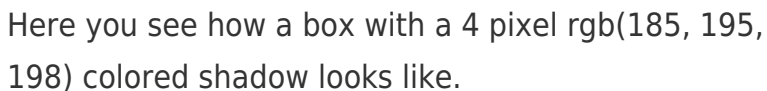
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 195, 198) }
```

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

```
.border{ border-color:rgb(185, 195, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 195, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 195, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 195, 198); box-shadow:4px 4px 4px 4px rgb(185, 195, 198) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.4217, 0.3027, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 195, 198) }
```

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

```
.background{ background-color: rgb(185,  
195, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor