

# Converting Colors

Yxy(53.7826, 0.3145, 0.3362)

Have a look what the booklet for  
Yxy(53.7826, 0.3145, 0.3362)  
contains.

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# Color

**Yxy(53.9108, 0.3148, 0.3364)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0C3BD
RGB	192, 195, 189
RGB Percent	75%, 76%, 74%
CMY	0.2469, 0.2353, 0.2588
CMYK	0.02, 0.00, 0.03, 0.24
HSL	89°, 5%, 75%
HSV	89°, 3%, 76%
XYZ	50.4492, 53.9108, 55.8980
YIQ	193.4190, 0.1380, -2.5020

# Conversions

## Conversions Part 2

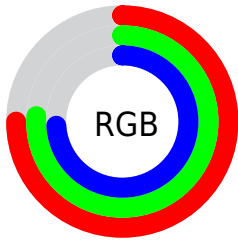
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 195, 192
Decimal	12633021
CIE Lab	78.41, -2.11, 2.63
CIE LCh	78, 3.371, 128.662
Yxy	53.9108, 0.3148, 0.3364
Android (android.graphics.Color)	4290823101 (0xFFC0C3BD)
YUV	193.4190, -2.1786, -1.2445
Hunter-Lab	73.4240, -5.8455, 6.2590

# Details

The Yxy color **53.9108, 0.3148, 0.3364** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5408, 0.3106, 0.3216**, and the grayscale version is **53.6065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1698, 0.3143, 0.3358**, and **26.3163, 0.3156, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **51.9112, 0.3216, 0.3620**, and if you desaturate by 10%, it is **56.1104, 0.3080, 0.3130**.

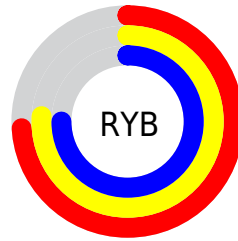
# Distribution



Red (75%)

Green (76%)

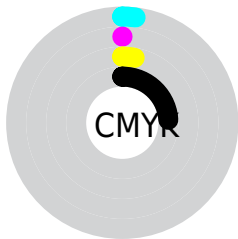
Blue (74%)



Red (74%)

Yellow (76%)

Blue (75%)

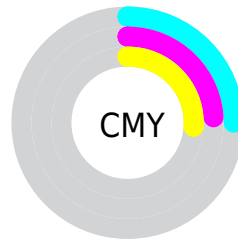


Cyan (2%)

Magenta (0%)

Yellow (3%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9108, 0.3148, 0.3364 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 53.9108, 0.3148, 0.3364 by changing the saturation by 10% instead.



■ 53.9108, 0.3148,  
0.3364

■ 53.9108, 0.3148,  
0.3364

401.7698, 0.3138,  
0.3328

■ 38.5304, 0.3150,  
0.3373

■ 95.9433, 0.3144,  
0.3351

■ 26.3946, 0.3153,  
0.3384

123.3641, 0.3143,  
0.3346

■ 17.1191, 0.3157,  
0.3399

155.5671, 0.3142,  
0.3342

■ 10.3194, 0.3163,  
0.3419

192.9368, 0.3141,  
0.3338

■ 5.6112, 0.3171,  
0.3449

235.8575, 0.3140,  
0.3335

■ 2.6102, 0.3183,  
0.3496

284.7136, 0.3139,

■ 0.9318, 0.3212,

0.3332

0.3591

339.8896, 0.3139,  
0.3330

0.0000, 0.0000,  
0.0000

53.9108, 0.3148,  
0.3364

53.9108, 0.3148,  
0.3364

51.9112, 0.3216,  
0.3620

56.1104, 0.3080,  
0.3130

50.0986, 0.3283,  
0.3895

58.5087, 0.3015,  
0.2919

48.4689, 0.3345,  
0.4185

61.1137, 0.2953,  
0.2729

47.0153, 0.3399,  
0.4481

63.1327, 0.2973,  
0.2669

45.7305, 0.3440,  
0.4774

64.7658, 0.3043,  
0.2682

■ 44.6066, 0.3464,  
0.5049

■ 66.4876, 0.3114,  
0.2695

■ 43.6349, 0.3468,  
0.5292

■ 67.5052, 0.3155,  
0.2702

■ 42.8055, 0.3450,  
0.5488

■ 42.1071, 0.3410,  
0.5630

# Harmonies

## Analogous

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



53.9108, 0.3188, 0.3367



53.9108, 0.3148, 0.3364



53.9108, 0.3103, 0.3341

# Triad

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



53.9108, 0.3148, 0.3364



53.9108, 0.3043, 0.3231



53.9108, 0.3191, 0.3276

# Complementary

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



53.9108, 0.3148, 0.3364



51.5408, 0.3106, 0.3216

# 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.



53.9108, 0.3152, 0.3240



53.9108, 0.3148, 0.3364



53.9108, 0.3067, 0.3214

# Square

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



53.9108, 0.3148, 0.3364



53.9108, 0.3042, 0.3264



53.9108, 0.3106, 0.3218



53.9108, 0.3213, 0.3315



# Rectangle

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



53.9108, 0.3148, 0.3364



53.9108, 0.3076, 0.3318



53.9108, 0.3106, 0.3218



53.9108, 0.3179, 0.3263

# Sweetspot

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



53.9131, 0.3148, 0.3364



97.3493, 0.3134, 0.3314



52.9314, 0.3174, 0.3326



21.3227, 0.3134, 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.



53.9131, 0.3148, 0.3364



96.1985, 0.3155, 0.3389



53.5332, 0.3124, 0.3365



11.7118, 0.3159, 0.3404



27.1473, 0.3385, 0.5694



1.2139, 0.3556, 0.5558



# Inverse Universe

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



51.5408, 0.3106, 0.3216



90.6024, 0.3099, 0.3191



51.9281, 0.3130, 0.3217



10.9279, 0.3094, 0.3176



4.2216, 0.2017, 0.0885

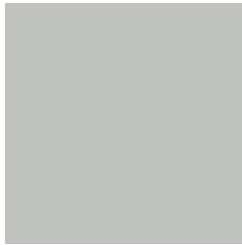


0.2234, 0.2266, 0.1022



# Previews

## White Background



This preview shows how the Yxy color 53.9108, 0.3148, 0.3364 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

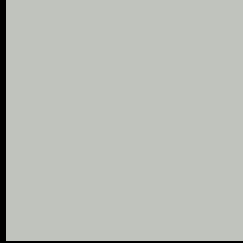
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.9108, 0.3148, 0.3364 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

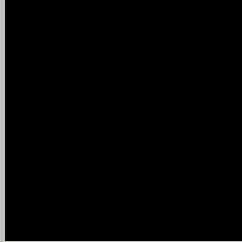
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

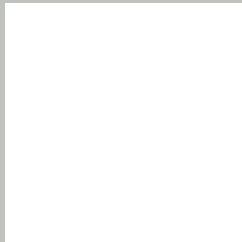
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 53.9108, 0.3148, 0.3364**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.9108, 0.3148, 0.3364.



This preview shows how white text looks on a background with the Yxy color 53.9108, 0.3148, 0.3364.

# 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

53.9108, 0.3148, 0.3364

### Protanopia

53.9129, 0.3214, 0.3351

### Deuteranopia

53.9803, 0.3329, 0.3267



## Tritanopia

53.8064, 0.3040, 0.3109

# Trichromacy



## Original Color

53.9108, 0.3148, 0.3364

## Protanomaly

53.9502, 0.3188, 0.3364

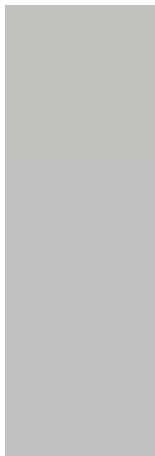
## Deuteranomaly

54.1011, 0.3258, 0.3302

## Tritanomaly

53.7794, 0.3083, 0.3205

# Monochromacy



## Original Color

53.9108, 0.3148, 0.3364

## Achromatopsia

53.3276, 0.3127, 0.3290

## Achromatomaly

53.7268, 0.3134, 0.3315

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.9108, 0.3148, 0.3364 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, 195, 189)` looks like.

```
.text, #text, p{  
    color:rgb(192, 195, 189)  
}
```

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, 195, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 195, 189) }
```

## Border

The CSS property to change the border of an element to Yxy 53.9108, 0.3148, 0.3364 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, 195, 189) }
```

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

```
.border{ border-color:rgb(192, 195, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 195, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 195, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 195, 189);  
box-shadow:4px 4px 4px 4px rgb(192, 195,  
189) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.9108, 0.3148, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 195, 189) }
```

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

```
.background{ background-color: rgb(192,  
195, 189) }
```

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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