

# Converting Colors

Yxy(53.8862, 0.3166, 0.3340)

Have a look what the booklet for  
Yxy(53.8862, 0.3166, 0.3340)  
contains.

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# Color

**Yxy(53.9034, 0.3165, 0.3339)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3C2BE
RGB	195, 194, 190
RGB Percent	76%, 76%, 75%
CMY	0.2353, 0.2392, 0.2548
CMYK	0.00, 0.01, 0.03, 0.24
HSL	48°, 4%, 75%
HSV	48°, 3%, 76%
XYZ	51.0944, 53.9034, 56.4379
YIQ	193.8430, 1.8800, -1.0320

# Conversions

## Conversions Part 2

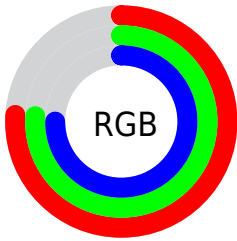
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 195, 190
Decimal	12829374
CIE Lab	78.41, -0.37, 2.11
CIE LCh	78, 2.143, 99.909
Yxy	53.9034, 0.3165, 0.3339
Android (android.graphics.Color)	4291019454 (0xFFC3C2BE)
YUV	193.8430, -1.8946, 1.0147
Hunter-Lab	73.4189, -4.2597, 5.8164

# Details

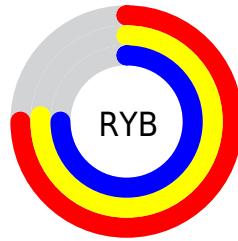
The Yxy color **53.9034, 0.3165, 0.3339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1632, 0.3089, 0.3241**, and the grayscale version is **53.8639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7205, 0.3163, 0.3329**, and **26.2250, 0.3168, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **51.3825, 0.3320, 0.3537**, and if you desaturate by 10%, it is **56.5893, 0.3022, 0.3151**.

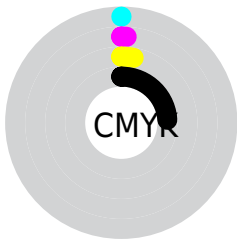
# Distribution



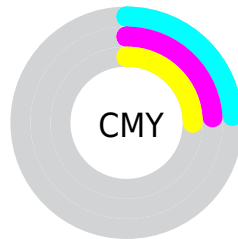
- Red (76%)
- Green (76%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (24%)




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


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9034, 0.3165, 0.3339 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 53.9034, 0.3165, 0.3339 by changing the saturation by 10% instead.





 53.9034, 0.3165,  
0.3339

 53.9034, 0.3165,  
0.3339


401.7415, 0.3147,  
0.3315

 38.5244, 0.3169,  
0.3345


 95.9324, 0.3158,  
0.3330

 26.3900, 0.3175,  
0.3352


123.3512, 0.3156,  
0.3327

 17.1156, 0.3183,  
0.3362


155.5521, 0.3154,  
0.3324

 10.3170, 0.3193,  
0.3375

192.9195, 0.3152,  
0.3322

 5.6096, 0.3207,  
0.3394

235.8377, 0.3150,  
0.3320

 2.6092, 0.3231,  
0.3425

284.6912, 0.3149,

 0.9313, 0.3277,

0.3318

0.3484

339.8643, 0.3148,  
0.3317

0.0000, 0.0000,  
0.0000

53.9034, 0.3165,  
0.3339

53.9034, 0.3165,  
0.3339

51.3825, 0.3320,  
0.3537

56.5893, 0.3022,  
0.3151

49.0148, 0.3486,  
0.3741

59.4379, 0.2891,  
0.2976

46.7975, 0.3660,  
0.3945

62.4559, 0.2772,  
0.2813

44.7250, 0.3837,  
0.4144

64.7799, 0.2738,  
0.2791

42.7915, 0.4012,  
0.4328

66.7414, 0.2741,  
0.2836

■ 40.9904, 0.4177,  
0.4487

■ 68.7509, 0.2745,  
0.2880

■ 39.3145, 0.4326,  
0.4610

■ 70.8087, 0.2749,  
0.2924

■ 37.7556, 0.4450,  
0.4691

■ 72.9151, 0.2752,  
0.2968

■ 36.3037, 0.4546,  
0.4725

■ 75.0705, 0.2756,  
0.3012

# Harmonies

## Analogous

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



53.9034, 0.3181, 0.3328



53.9034, 0.3165, 0.3339



53.9034, 0.3139, 0.3337

# Triad

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



53.9034, 0.3165, 0.3339



53.9034, 0.3073, 0.3273



53.9034, 0.3144, 0.3259

# Complementary

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



53.9034, 0.3165, 0.3339



52.1632, 0.3089, 0.3241

# 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.



53.9034, 0.3115, 0.3244



53.9034, 0.3165, 0.3339



53.9034, 0.3074, 0.3252

# Square

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



53.9034, 0.3165, 0.3339



53.9034, 0.3086, 0.3298



53.9034, 0.3090, 0.3242



53.9034, 0.3168, 0.3282



# Rectangle

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



53.9034, 0.3165, 0.3339



53.9034, 0.3120, 0.3328



53.9034, 0.3090, 0.3242



53.9034, 0.3134, 0.3253

# Sweetspot

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



53.9057, 0.3165, 0.3339



97.2609, 0.3142, 0.3309



52.2050, 0.3160, 0.3277



21.3043, 0.3141, 0.3308



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

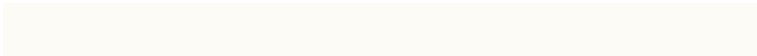


# Same Dimension

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



53.9057, 0.3165, 0.3339



96.3111, 0.3172, 0.3349



54.1673, 0.3153, 0.3351



11.7141, 0.3183, 0.3362



23.0492, 0.4596, 0.4733



1.0855, 0.4490, 0.4817

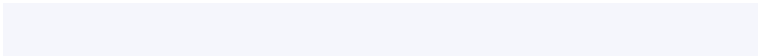


# Inverse Universe

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



52.1632, 0.3089, 0.3241



92.6041, 0.3082, 0.3231



51.9091, 0.3101, 0.3228



11.1604, 0.3071, 0.3217



3.6146, 0.1559, 0.0813

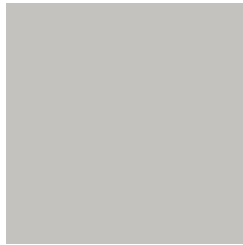


0.2557, 0.1674, 0.1226



# Previews

## White Background



This preview shows how the Yxy color 53.9034, 0.3165, 0.3339 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

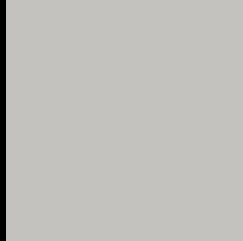
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.9034, 0.3165, 0.3339 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

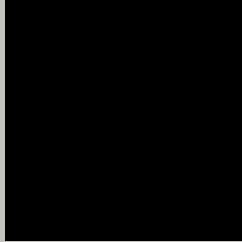
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

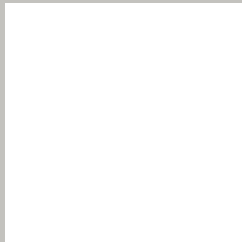
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 53.9034, 0.3165, 0.3339**

## Background



This preview shows how black text looks on a background with the Yxy color 53.9034, 0.3165, 0.3339.



This preview shows how white text looks on a background with the Yxy color 53.9034, 0.3165, 0.3339.

# 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

53.9034, 0.3165, 0.3339

### Protanopia

53.8198, 0.3198, 0.3339

### Deuteranopia

53.8742, 0.3313, 0.3255



## Tritanopia

53.7724, 0.3064, 0.3098

# Trichromacy



## Original Color

53.9034, 0.3165, 0.3339

## Protanomaly

53.6844, 0.3190, 0.3339

## Deuteranomaly

53.7103, 0.3252, 0.3278

## Tritanomaly

53.7866, 0.3100, 0.3181

# Monochromacy



## Original Color

53.9034, 0.3165, 0.3339

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

53.9032, 0.3135, 0.3302

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.9034, 0.3165, 0.3339 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(195, 194, 190)` looks like.

```
.text, #text, p{  
    color:rgb(195, 194, 190)  
}
```

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(195, 194, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 194, 190) }
```

## Border

The CSS property to change the border of an element to Yxy 53.9034, 0.3165, 0.3339 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(195, 194, 190) }
```

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

```
.border{ border-color:rgb(195, 194, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 194, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 194, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 194, 190);  
box-shadow:4px 4px 4px 4px rgb(195, 194,  
190) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.9034, 0.3165, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 194, 190) }
```

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

```
.background{ background-color: rgb(195,  
194, 190) }
```

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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