

# Converting Colors

Yxy(54.0857, 0.3173, 0.3333)

Have a look what the booklet for  
Yxy(54.0857, 0.3173, 0.3333)  
contains.

<b>Yxy(54.0370, 0.3173, 0.3339)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# **Color**

**Yxy(54.0370, 0.3173, 0.3339)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4C2BE
RGB	196, 194, 190
RGB Percent	77%, 76%, 75%
CMY	0.2314, 0.2392, 0.2548
CMYK	0.00, 0.01, 0.03, 0.23
HSL	40°, 5%, 76%
HSV	40°, 3%, 77%
XYZ	51.3505, 54.0370, 56.4484
YIQ	194.1420, 2.4760, -0.8200

# Conversions

## Conversions Part 2

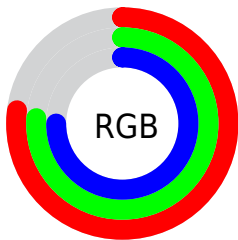
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 196, 190
Decimal	12894910
CIE Lab	78.48, -0.03, 2.24
CIE LCh	78, 2.235, 90.679
Yxy	54.0370, 0.3173, 0.3339
Android (android.graphics.Color)	4291084990 (0xFFC4C2BE)
YUV	194.1420, -2.0420, 1.6295
Hunter-Lab	73.5099, -3.9506, 5.9280

# Details

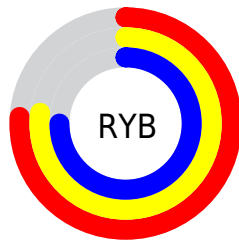
The Yxy color **54.0370, 0.3173, 0.3339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6353, 0.3082, 0.3241**, and the grayscale version is **54.0494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9077, 0.3170, 0.3329**, and **26.3131, 0.3179, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **50.4025, 0.3334, 0.3506**, and if you desaturate by 10%, it is **57.9185, 0.3028, 0.3182**.

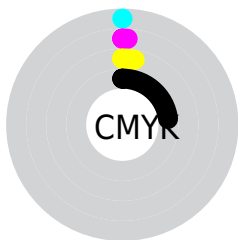
# Distribution



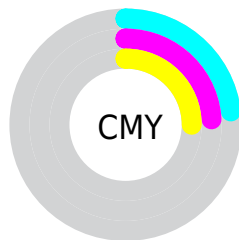
- Red (77%)
- Green (76%)
- Blue (75%)



- Red (76%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (23%)




- Cyan (23%)
- Magenta (24%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0370, 0.3173, 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 54.0370, 0.3173, 0.3339 by changing the saturation by 10% instead.




 54.0370, 0.3173,  
0.3339

 54.0370, 0.3173,  
0.3339


402.2511, 0.3151,  
0.3315

 38.6312, 0.3178,  
0.3345


 96.1286, 0.3165,  
0.3330

 26.4730, 0.3185,  
0.3352


123.5832, 0.3162,  
0.3327

 17.1778, 0.3194,  
0.3362


155.8228, 0.3159,  
0.3324

 10.3613, 0.3207,  
0.3375

193.2320, 0.3157,  
0.3322

 5.6392, 0.3224,  
0.3394

236.1950, 0.3155,  
0.3320

 2.6270, 0.3253,  
0.3424

285.0962, 0.3154,

 0.9402, 0.3308,

0.3318

0.3483

340.3201, 0.3152,  
0.3317

0.0000, 0.0000,  
0.0000

54.0370, 0.3173,  
0.3339

54.0370, 0.3173,  
0.3339

50.4025, 0.3334,  
0.3506

57.9185, 0.3028,  
0.3182

47.0020, 0.3511,  
0.3679

62.0459, 0.2898,  
0.3035

43.8310, 0.3702,  
0.3854

66.4272, 0.2783,  
0.2899

40.8829, 0.3905,  
0.4025

70.1734, 0.2753,  
0.2909

38.1502, 0.4114,  
0.4184

73.6610, 0.2759,  
0.2982

■ 35.6249, 0.4323,  
0.4319

■ 77.2832, 0.2765,  
0.3054

■ 33.2982, 0.4521,  
0.4420

■ 81.0417, 0.2771,  
0.3125

■ 31.1603, 0.4698,  
0.4477

■ 84.9377, 0.2776,  
0.3195

■ 29.1996, 0.4845,  
0.4483

■ 88.9727, 0.2782,  
0.3264

# Harmonies

## Analogous

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



54.0370, 0.3185, 0.3324



54.0370, 0.3173, 0.3339



54.0370, 0.3149, 0.3341

# Triad

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



54.0370, 0.3173, 0.3339



54.0370, 0.3073, 0.3280



54.0370, 0.3135, 0.3252

# Complementary

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



54.0370, 0.3173, 0.3339



52.6353, 0.3082, 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.



54.0370, 0.3106, 0.3240



54.0370, 0.3173, 0.3339



54.0370, 0.3070, 0.3256

# Square

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



54.0370, 0.3173, 0.3339



54.0370, 0.3091, 0.3307



54.0370, 0.3082, 0.3242



54.0370, 0.3163, 0.3274



# Rectangle

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



54.0370, 0.3173, 0.3339



54.0370, 0.3129, 0.3334



54.0370, 0.3082, 0.3242



54.0370, 0.3125, 0.3247

# Sweetspot

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



54.0393, 0.3173, 0.3339



99.2973, 0.3142, 0.3306



52.3754, 0.3161, 0.3266



21.2611, 0.3142, 0.3305



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

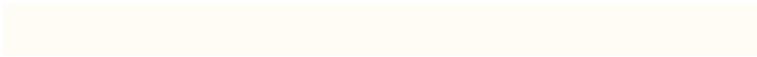


# Same Dimension

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



54.0393, 0.3173, 0.3339



97.2164, 0.3189, 0.3356



54.7960, 0.3163, 0.3363



11.5463, 0.3198, 0.3366



18.1097, 0.4920, 0.4475



0.9047, 0.4720, 0.4634

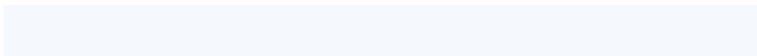


# Inverse Universe

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



52.6353, 0.3082, 0.3241



93.8483, 0.3066, 0.3224



51.8979, 0.3090, 0.3216



11.0854, 0.3057, 0.3213



5.1431, 0.1638, 0.1095

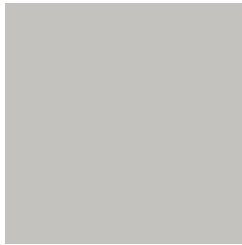


0.3504, 0.1767, 0.1562



# Previews

## White Background



This preview shows how the Yxy color 54.0370, 0.3173, 0.3339 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

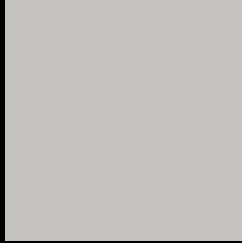
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.0370, 0.3173, 0.3339 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

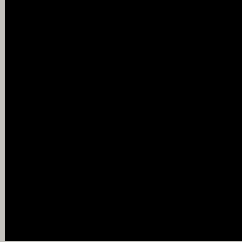
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

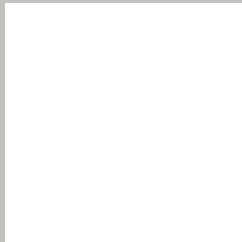
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.0370, 0.3173, 0.3339**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.0370, 0.3173, 0.3339.

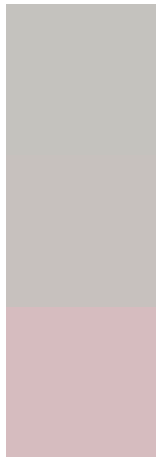


This preview shows how white text looks on a background with the Yxy color 54.0370, 0.3173, 0.3339.

# 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

54.0370, 0.3173, 0.3339

### Protanopia

53.9997, 0.3198, 0.3327

### Deuteranopia

54.0242, 0.3321, 0.3255



## Tritanopia

53.7724, 0.3064, 0.3098

# Trichromacy



## Original Color

54.0370, 0.3173, 0.3339

## Protanomaly

53.8634, 0.3190, 0.3327

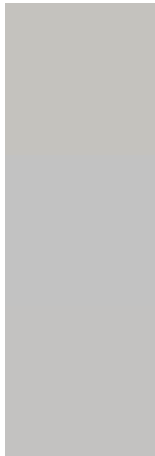
## Deuteranomaly

53.8539, 0.3260, 0.3278

## Tritanomaly

53.7866, 0.3100, 0.3181

# Monochromacy



## Original Color

54.0370, 0.3173, 0.3339

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

54.0359, 0.3143, 0.3302

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.0370, 0.3173, 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(196, 194, 190)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 194, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 194, 190) }
```

## Border

The CSS property to change the border of an element to Yxy 54.0370, 0.3173, 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(196, 194, 190) }
```

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

```
.border{ border-color:rgb(196, 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(196, 194, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 194, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 194, 190);  
box-shadow:4px 4px 4px 4px rgb(196, 194,  
190) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.0370, 0.3173, 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(196, 194, 190) }
```

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

```
.background{ background-color: rgb(196,  
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](#).

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