

# Converting Colors

Yxy(54.1849, 0.3225, 0.3438)

Have a look what the booklet for  
Yxy(54.1849, 0.3225, 0.3438)  
contains.

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# Color

**Yxy(54.1849, 0.3225, 0.3438)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4C3B7
RGB	196, 195, 183
RGB Percent	77%, 76%, 72%
CMY	0.2314, 0.2353, 0.2823
CMYK	0.00, 0.01, 0.07, 0.23
HSL	55°, 10%, 74%
HSV	55°, 7%, 77%
XYZ	50.8279, 54.1849, 52.5931
YIQ	193.9310, 4.4480, -3.5200

# Conversions

## Conversions Part 2

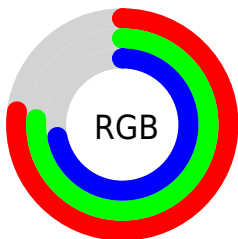
Format	Color
<a href="#">RYB</a>	<a href="#">184, 196, 183</a>
Decimal	<a href="#">12895159</a>
CIELab	<a href="#">78.57, -1.78, 6.13</a>
CIELCh	<a href="#">79, 6.382, 106.232</a>
Yxy	<a href="#">54.1849, 0.3225, 0.3438</a>
Android (android.graphics.Color)	<a href="#">4291085239</a> ( <a href="#">0xFFC4C3B7</a> )
YUV	<a href="#">193.9310, -5.3890, 1.8145</a>
Hunter-Lab	<a href="#">73.6104, -5.5641, 9.1658</a>

# Details

The Yxy color  $54.1849, 0.3225, 0.3438$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $48.3428, 0.3027, 0.3138$ , and the grayscale version is  $53.9378, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $96.7354, 0.3210, 0.3416$ , and  $26.4122, 0.3250, 0.3474$  is the 20% darker color. If you saturate the color by 10%, you get  $52.7607, 0.3379, 0.3668$ , and if you desaturate by 10%, it is  $55.7341, 0.3079, 0.3216$ .

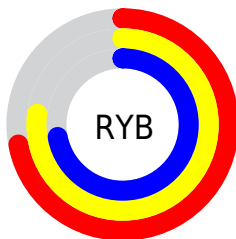
# Distribution



Red (77%)

Green (76%)

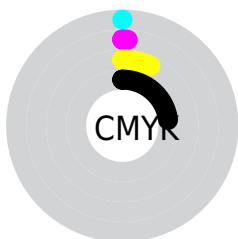
Blue (72%)



Red (72%)

Yellow (77%)

Blue (72%)

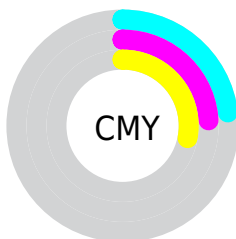


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (23%)



Cyan (23%)

Magenta (24%)


Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1849, 0.3225, 0.3438 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 54.1849, 0.3225, 0.3438 by changing the saturation by 10% instead.




 54.1849, 0.3225,  
0.3438

 54.1849, 0.3225,  
0.3438

402.8147, 0.3177,  
0.3366

 38.7495, 0.3236,  
0.3456


 96.3457, 0.3208,  
0.3412

 26.5649, 0.3251,  
0.3478


123.8398, 0.3202,  
0.3402

 17.2467, 0.3270,  
0.3507

156.1224, 0.3196,  
0.3394

 10.4106, 0.3296,  
0.3548

193.5777, 0.3191,  
0.3387

 5.6720, 0.3333,  
0.3606

236.5902, 0.3187,  
0.3380

 2.6467, 0.3391,  
0.3699

285.5443, 0.3184,

 0.9502, 0.3557,

0.3375

0.3938

340.8243, 0.3180,  
0.3370

0.0000, 0.0000,  
0.0000

54.1849, 0.3225,  
0.3438

54.1849, 0.3225,  
0.3438

52.7607, 0.3379,  
0.3668

55.7341, 0.3079,  
0.3216

51.4499, 0.3536,  
0.3901

57.4058, 0.2941,  
0.3006

50.2497, 0.3694,  
0.4130

59.2064, 0.2815,  
0.2810

49.1547, 0.3846,  
0.4346

60.7193, 0.2736,  
0.2693

48.1592, 0.3985,  
0.4538

61.4192, 0.2737,  
0.2710

■ 47.2565, 0.4107,  
0.4699

■ 62.1259, 0.2739,  
0.2727

■ 46.4393, 0.4205,  
0.4820

■ 62.8394, 0.2740,  
0.2744

■ 45.6992, 0.4276,  
0.4898

■ 63.5597, 0.2741,  
0.2761

■ 45.0248, 0.4321,  
0.4933

■ 64.2869, 0.2743,  
0.2778

# Harmonies

## Analogous

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



54.1849, 0.3280, 0.3412



54.1849, 0.3225, 0.3438



54.1849, 0.3144, 0.3423

# Triad

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



54.1849, 0.3225, 0.3438



54.1849, 0.2964, 0.3222



54.1849, 0.3194, 0.3211

# Complementary

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



54.1849, 0.3225, 0.3438



48.3428, 0.3027, 0.3138

# 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.



54.1849, 0.3108, 0.3162



54.1849, 0.3225, 0.3438



54.1849, 0.2977, 0.3167

# Square

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



54.1849, 0.3225, 0.3438



54.1849, 0.2994, 0.3297



54.1849, 0.3029, 0.3145



54.1849, 0.3262, 0.3281



# Rectangle

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



54.1849, 0.3225, 0.3438



54.1849, 0.3087, 0.3392



54.1849, 0.3029, 0.3145



54.1849, 0.3166, 0.3192

# Sweetspot

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



54.1873, 0.3225, 0.3438



99.4281, 0.3157, 0.3335



49.0778, 0.3229, 0.3277



21.2877, 0.3155, 0.3333



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.



54.1873, 0.3225, 0.3438



97.7669, 0.3248, 0.3472



53.9202, 0.3180, 0.3452



11.6227, 0.3267, 0.3501



28.8475, 0.4332, 0.4943



1.2862, 0.4297, 0.4970



# Inverse Universe

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



48.3428, 0.3027, 0.3138



84.8944, 0.3003, 0.3101



48.6090, 0.3072, 0.3127



9.8686, 0.2983, 0.3070



2.8298, 0.1516, 0.0656

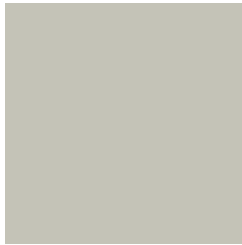


0.1655, 0.1571, 0.0855



# Previews

## White Background



This preview shows how the Yxy color 54.1849, 0.3225, 0.3438 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 54.1849, 0.3225, 0.3438 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

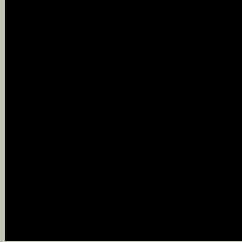
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

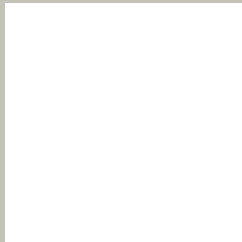
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.1849, 0.3225, 0.3438**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.1849, 0.3225, 0.3438.



This preview shows how white text looks on a background with the Yxy color 54.1849, 0.3225, 0.3438.

# 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

54.1849, 0.3225, 0.3438

### Protanopia

54.3785, 0.3275, 0.3437

### Deuteranopia

54.1788, 0.3404, 0.3338



## Tritanopia

53.9087, 0.3072, 0.3099

# Trichromacy



## Original Color

54.1849, 0.3225, 0.3438

## Protanomaly

54.1031, 0.3259, 0.3438

## Deuteranomaly

54.2776, 0.3331, 0.3374

## Tritanomaly

53.7823, 0.3131, 0.3217

# Monochromacy



## Original Color

54.1849, 0.3225, 0.3438

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

53.9034, 0.3165, 0.3339

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.1849, 0.3225, 0.3438 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, 195, 183)` looks like.

```
.text, #text, p{  
    color:rgb(196, 195, 183)  
}
```

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, 195, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 195, 183) }
```

## Border

The CSS property to change the border of an element to Yxy 54.1849, 0.3225, 0.3438 is called "border". The border property can be set on classes, ids or directly on the HTML element.

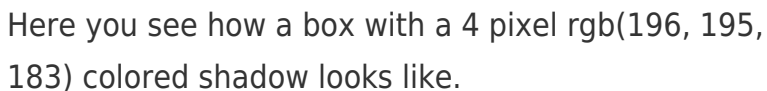
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 195, 183) }
```

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

```
.border{ border-color:rgb(196, 195, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 195, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 195, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 195, 183); box-shadow:4px 4px 4px 4px rgb(196, 195, 183) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.1849, 0.3225, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 195, 183) }
```

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

```
.background{ background-color: rgb(196,  
195, 183) }
```

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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