

# Converting Colors

Yxy(51.5541, 0.3253, 0.3136)

Have a look what the booklet for  
Yxy(51.5541, 0.3253, 0.3136)  
contains.

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# Color

**Yxy(51.5541, 0.3253, 0.3136)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2B7C4
RGB	210, 183, 196
RGB Percent	82%, 72%, 77%
CMY	0.1764, 0.2823, 0.2313
CMYK	0.00, 0.13, 0.07, 0.18
HSL	331°, 23%, 77%
HSV	331°, 13%, 82%
XYZ	53.4775, 51.5541, 59.3628
YIQ	192.5550, 11.9190, 9.7670

# Conversions

## Conversions Part 2

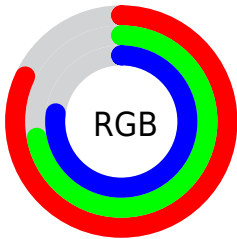
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 183, 196
Decimal	13809604
CIE Lab	77.01, 11.86, -3.02
CIE LCh	77, 12.234, 345.718
Yxy	51.5541, 0.3253, 0.3136
Android (android.graphics.Color)	4291999684 (0xFFD2B7C4)
YUV	192.5550, 1.6984, 15.2993
Hunter-Lab	71.8012, 7.2947, 1.2418

# Details

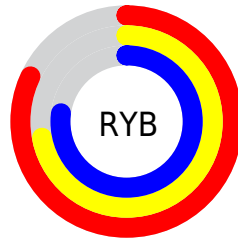
The Yxy color **51.5541, 0.3253, 0.3136** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1947, 0.3017, 0.3449**, and the grayscale version is **53.0401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0849, 0.3147, 0.3155**, and **24.8868, 0.3287, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **43.0519, 0.3374, 0.3009**, and if you desaturate by 10%, it is **61.3893, 0.3153, 0.3257**.

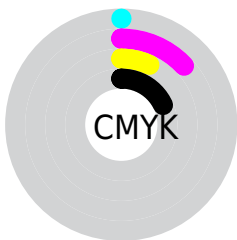
# Distribution



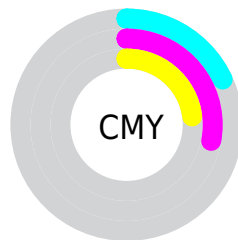
- Red (82%)
- Green (72%)
- Blue (77%)



- Red (82%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (18%)




- Cyan (18%)
- Magenta (28%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5541, 0.3253, 0.3136 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 51.5541, 0.3253, 0.3136 by changing the saturation by 10% instead.




 51.5541, 0.3253,  
0.3136

 51.5541, 0.3253,  
0.3136


392.7128, 0.3192,  
0.3211

 36.6498, 0.3268,  
0.3118


 92.4733, 0.3231,  
0.3163

 24.9364, 0.3287,  
0.3095


119.2570, 0.3223,  
0.3173

 16.0297, 0.3312,  
0.3065


150.7692, 0.3216,  
0.3182

 9.5452, 0.3346,  
0.3024

187.3944, 0.3209,  
0.3189

 5.0985, 0.3395,  
0.2966

229.5170, 0.3204,  
0.3196

 2.3051, 0.3473,  
0.2874

277.5213, 0.3199,

 0.7764, 0.3619,

0.3201

0.2699

331.7918, 0.3195,  
0.3206

0.0000, 0.0000,  
0.0000

51.5541, 0.3253,  
0.3136

51.5541, 0.3253,  
0.3136

43.0519, 0.3374,  
0.3009

61.3893, 0.3153,  
0.3257

35.8180, 0.3519,  
0.2880

72.6050, 0.3070,  
0.3370

29.7928, 0.3691,  
0.2754

85.2546, 0.3001,  
0.3475

24.9088, 0.3891,  
0.2638

91.4868, 0.2942,  
0.3451

21.0920, 0.4118,  
0.2543

92.1516, 0.2884,  
0.3336

■ 18.2594, 0.4365,  
0.2482

■ 92.4425, 0.2860,  
0.3289

■ 16.3160, 0.4624,  
0.2466

■ 15.1470, 0.4879,  
0.2505

■ 14.6454, 0.5055,  
0.2559

# Harmonies

## Analogous

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



51.5541, 0.3086, 0.3043



51.5541, 0.3253, 0.3136



51.5541, 0.3389, 0.3269

# Triad

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



51.5541, 0.3253, 0.3136



51.5541, 0.3319, 0.3580



51.5541, 0.2812, 0.3156

# Complementary

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



51.5541, 0.3253, 0.3136



60.1947, 0.3017, 0.3449

# 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.



51.5541, 0.2871, 0.3304



51.5541, 0.3253, 0.3136



51.5541, 0.3162, 0.3554

# Square

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



51.5541, 0.3253, 0.3136



51.5541, 0.3427, 0.3525



51.5541, 0.2998, 0.3452



51.5541, 0.2835, 0.3051



# Rectangle

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



51.5541, 0.3253, 0.3136



51.5541, 0.3441, 0.3364



51.5541, 0.2998, 0.3452



51.5541, 0.2823, 0.3203

# Sweetspot

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



51.5564, 0.3253, 0.3136



93.3281, 0.3163, 0.3243



50.3854, 0.3035, 0.2965



19.7159, 0.3171, 0.3234



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.



51.5564, 0.3253, 0.3136



76.7653, 0.3279, 0.3107



51.1753, 0.3359, 0.3296



11.9018, 0.3216, 0.3179



8.9531, 0.5022, 0.2540



0.5166, 0.4602, 0.2309



# Inverse Universe

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



51.5564, 0.3253, 0.3136



76.7653, 0.3279, 0.3107



60.5951, 0.2932, 0.3284



11.9018, 0.3216, 0.3179



8.9531, 0.5022, 0.2540



0.5166, 0.4602, 0.2309



# Previews

## White Background



This preview shows how the Yxy color 51.5541, 0.3253, 0.3136 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

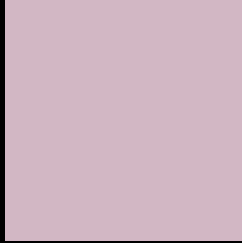
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 51.5541, 0.3253, 0.3136 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

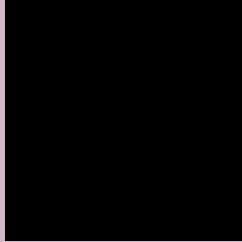
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 51.5541, 0.3253, 0.3136**

## **Background**



This preview shows how black text looks on a background with the Yxy color 51.5541, 0.3253, 0.3136.



This preview shows how white text looks on a background with the Yxy color 51.5541, 0.3253, 0.3136.

# 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

51.5541, 0.3253, 0.3136

### Protanopia

51.6417, 0.3061, 0.3154

### Deuteranopia

51.3883, 0.3218, 0.3146



## Tritanopia

51.5998, 0.3245, 0.3124

# Trichromacy



## Original Color

51.5541, 0.3253, 0.3136

## Protanomaly

51.6699, 0.3126, 0.3144

## Deuteranomaly

51.5319, 0.3227, 0.3147

## Tritanomaly

51.5998, 0.3245, 0.3124

# Monochromacy



## Original Color

51.5541, 0.3253, 0.3136

## Achromatopsia

53.3276, 0.3127, 0.3290

## Achromatomaly

52.4323, 0.3171, 0.3229

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 51.5541, 0.3253, 0.3136 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(210, 183, 196)` looks like.

```
.text, #text, p{  
    color:rgb(210, 183, 196)  
}
```

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(210, 183, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 183, 196) }
```

## Border

The CSS property to change the border of an element to Yxy 51.5541, 0.3253, 0.3136 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(210, 183, 196) }
```

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

```
.border{ border-color:rgb(210, 183, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 183, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 183, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 183, 196);  
box-shadow:4px 4px 4px 4px rgb(210, 183,  
196) }
```



# Background

The CSS property to change the background color of an element to Yxy 51.5541, 0.3253, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 183, 196) }
```

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

```
.background{ background-color: rgb(210,  
183, 196) }
```

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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