

# Converting Colors

Yxy(51.6162, 0.3362, 0.3384)

Have a look what the booklet for  
Yxy(51.6162, 0.3362, 0.3384)  
contains.

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# Color

**Yxy(51.5976, 0.3370, 0.3388)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFBAB2
RGB	207, 186, 178
RGB Percent	81%, 73%, 70%
CMY	0.1883, 0.2705, 0.3020
CMYK	0.00, 0.10, 0.14, 0.19
HSL	17°, 23%, 75%
HSV	17°, 14%, 81%
XYZ	51.3235, 51.5976, 49.3741
YIQ	191.3670, 15.0840, 1.9640

# Conversions

## Conversions Part 2

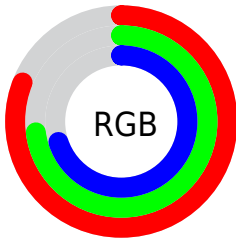
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 189, 178
Decimal	13613746
CIE Lab	77.04, 6.12, 6.76
CIE LCh	77, 9.122, 47.820
Yxy	51.5976, 0.3370, 0.3388
Android (android.graphics.Color)	4291803826 (0xFFCFBAB2)
YUV	191.3670, -6.5899, 13.7101
Hunter-Lab	71.8315, 1.8329, 9.5284

# Details

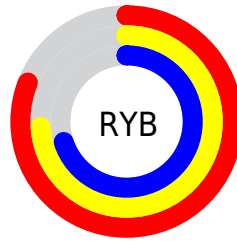
The Yxy color  $51.5976, 0.3370, 0.3388$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $54.8047, 0.2913, 0.3190$ , and the grayscale version is  $52.3572, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $90.7048, 0.3262, 0.3369$ , and  $24.9311, 0.3436, 0.3422$  is the 20% darker color. If you saturate the color by 10%, you get  $44.8458, 0.3584, 0.3463$ , and if you desaturate by 10%, it is  $59.1410, 0.3191, 0.3317$ .

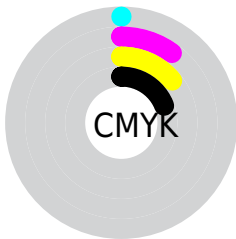
# Distribution



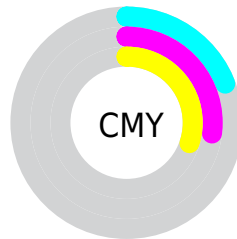
- Red (81%)
- Green (73%)
- Blue (70%)



- Red (81%)
- Yellow (74%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (19%)




- Cyan (19%)
- Magenta (27%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5976, 0.3370, 0.3388 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 51.5976, 0.3370, 0.3388 by changing the saturation by 10% instead.





 51.5976, 0.3370,  
0.3388

 51.5976, 0.3370,  
0.3388

392.8811, 0.3250,  
0.3341

 36.6844, 0.3400,  
0.3399


 92.5375, 0.3327,  
0.3371

 24.9633, 0.3437,  
0.3413


119.3330, 0.3310,  
0.3365

 16.0497, 0.3487,  
0.3431


150.8582, 0.3297,  
0.3360

 9.5593, 0.3556,  
0.3456

187.4972, 0.3285,  
0.3355

 5.1078, 0.3657,  
0.3490

229.6347, 0.3274,  
0.3351

 2.3106, 0.3819,  
0.3541

277.6549, 0.3265,

 0.7793, 0.4355,

0.3347

0.3808

331.9422, 0.3257,  
0.3344

0.0000, 0.0000,  
0.0000

51.5976, 0.3370,  
0.3388

51.5976, 0.3370,  
0.3388

44.8458, 0.3584,  
0.3463

59.1410, 0.3191,  
0.3317

38.8529, 0.3837,  
0.3540

67.4939, 0.3040,  
0.3251

33.5938, 0.4132,  
0.3614

76.6820, 0.2914,  
0.3191

29.0395, 0.4469,  
0.3679

86.3490, 0.2838,  
0.3195

25.1591, 0.4838,  
0.3725

92.0031, 0.2844,  
0.3289

■ 21.9189, 0.5220,  
0.3741

■ 19.2823, 0.5581,  
0.3716

■ 17.2084, 0.5882,  
0.3647

■ 16.2090, 0.6031,  
0.3594

# Harmonies

## Analogous

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



51.5976, 0.3327, 0.3282



51.5976, 0.3370, 0.3388



51.5976, 0.3346, 0.3471

# Triad

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



51.5976, 0.3370, 0.3388



51.5976, 0.3023, 0.3403



51.5976, 0.2990, 0.3081

# Complementary

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



51.5976, 0.3370, 0.3388



54.8047, 0.2913, 0.3190

# 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.



51.5976, 0.2912, 0.3108



51.5976, 0.3370, 0.3388



51.5976, 0.2931, 0.3293

# Square

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



51.5976, 0.3370, 0.3388



51.5976, 0.3145, 0.3482



51.5976, 0.2890, 0.3185



51.5976, 0.3106, 0.3108



# Rectangle

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



51.5976, 0.3370, 0.3388



51.5976, 0.3296, 0.3501



51.5976, 0.2890, 0.3185



51.5976, 0.2958, 0.3084

# Sweetspot

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



51.5999, 0.3370, 0.3388



94.7409, 0.3191, 0.3317



49.2400, 0.3206, 0.3036



20.0719, 0.3204, 0.3323



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

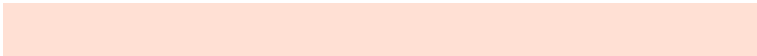


# Same Dimension

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



51.5999, 0.3370, 0.3388



79.1081, 0.3434, 0.3412



57.8887, 0.3346, 0.3556



12.3324, 0.3284, 0.3355



10.3517, 0.6006, 0.3613



0.7130, 0.5638, 0.3905

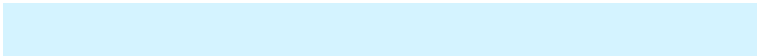


# Inverse Universe

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



54.8047, 0.2913, 0.3190



85.2786, 0.2864, 0.3165



48.5688, 0.2907, 0.3009



12.8316, 0.2983, 0.3224



16.7063, 0.1992, 0.2373



1.0634, 0.2045, 0.2561



# Previews

## White Background



This preview shows how the Yxy color 51.5976, 0.3370, 0.3388 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 51.5976, 0.3370, 0.3388 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

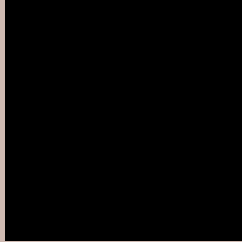
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 51.5976, 0.3370, 0.3388**

## Background



This preview shows how black text looks on a background with the Yxy color 51.5976, 0.3370, 0.3388.



This preview shows how white text looks on a background with the Yxy color 51.5976, 0.3370, 0.3388.

# 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

51.5976, 0.3370, 0.3388

### Protanopia

51.8580, 0.3254, 0.3415

### Deuteranopia

51.6415, 0.3426, 0.3363



## Tritanopia

51.5998, 0.3245, 0.3124

# Trichromacy



## Original Color

51.5976, 0.3370, 0.3388

## Protanomaly

51.9292, 0.3297, 0.3414

## Deuteranomaly

51.7612, 0.3407, 0.3375

## Tritanomaly

51.5540, 0.3292, 0.3219

# Monochromacy



## Original Color

51.5976, 0.3370, 0.3388

## Achromatopsia

52.0996, 0.3127, 0.3290

## Achromatomaly

51.8107, 0.3217, 0.3327

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 51.5976, 0.3370, 0.3388 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(207, 186, 178)` looks like.

```
.text, #text, p{  
    color:rgb(207, 186, 178)  
}
```

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(207, 186, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 186, 178) }
```

## Border

The CSS property to change the border of an element to Yxy 51.5976, 0.3370, 0.3388 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(207, 186, 178) }
```

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

```
.border{ border-color:rgb(207, 186, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 186, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 186, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 186, 178);  
box-shadow:4px 4px 4px 4px rgb(207, 186,  
178) }
```



# Background

The CSS property to change the background color of an element to Yxy 51.5976, 0.3370, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 186, 178) }
```

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

```
.background{ background-color: rgb(207,  
186, 178) }
```

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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