

# Converting Colors

Yxy(52.0200, 0.3657, 0.3802)

Have a look what the booklet for  
Yxy(52.0200, 0.3657, 0.3802)  
contains.

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# **Color**

**Yxy(51.8906, 0.3666, 0.3802)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3BC92
RGB	211, 188, 146
RGB Percent	83%, 74%, 57%
CMY	0.1725, 0.2627, 0.4276
CMYK	0.00, 0.11, 0.31, 0.17
HSL	39°, 43%, 70%
HSV	39°, 31%, 83%
XYZ	50.0344, 51.8906, 34.5573
YIQ	190.0890, 27.1900, -8.1860

# Conversions

## Conversions Part 2

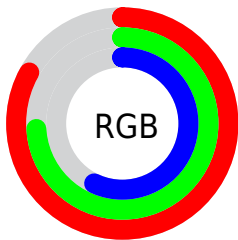
Format	Color
R <sub>YB</sub>	182, 211, 146
Decimal	13876370
CIE Lab	77.22, 1.93, 24.29
CIE LCh	77, 24.369, 85.459
Yxy	51.8906, 0.3666, 0.3802
Android (android.graphics.Color)	4292066450 (0xFFD3BC92)
YUV	190.0890, -21.7359, 18.3389
Hunter-Lab	72.0351, -2.0783, 21.9815

# Details

The Yxy color **51.8906, 0.3666, 0.3802** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.1737, 0.2621, 0.2717**, and the grayscale version is **51.6624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1315, 0.3475, 0.3728**, and **25.2221, 0.3815, 0.3937** is the 20% darker color. If you saturate the color by 10%, you get **48.1897, 0.3872, 0.3971**, and if you desaturate by 10%, it is **55.8823, 0.3474, 0.3631**.

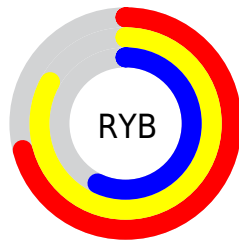
# Distribution



Red (83%)

Green (74%)

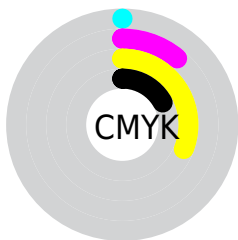
Blue (57%)



Red (71%)

Yellow (83%)

Blue (57%)

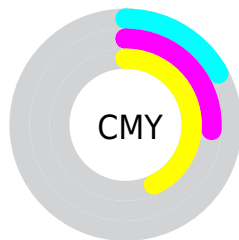


Cyan (0%)

Magenta (11%)

Yellow (31%)

Black (17%)



Cyan (17%)

Magenta (26%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8906, 0.3666, 0.3802 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 51.8906, 0.3666, 0.3802 by changing the saturation by 10% instead.




 51.8906, 0.3666,  
0.3802


 51.8906, 0.3666,  
0.3802


394.0141, 0.3403,  
0.3554

 36.9179, 0.3729,  
0.3861


 92.9699, 0.3572,  
0.3714

 25.1439, 0.3809,  
0.3935


 119.8452, 0.3536,  
0.3680

 16.1843, 0.3912,  
0.4029


151.4569, 0.3506,  
0.3651

 9.6547, 0.4049,  
0.4154

188.1893, 0.3479,  
0.3627

 5.1706, 0.4237,  
0.4322

230.4268, 0.3456,  
0.3605

 2.3477, 0.4602,  
0.4651

278.5539, 0.3436,

 0.7988, 0.5023,

0.3586

0.4977

332.9549, 0.3418,  
0.3569

0.0000, 0.0000,  
0.0000

51.8906, 0.3666,  
0.3802

51.8906, 0.3666,  
0.3802

48.1897, 0.3872,  
0.3971

55.8823, 0.3474,  
0.3631

44.7633, 0.4087,  
0.4129

60.1662, 0.3298,  
0.3463

41.6040, 0.4305,  
0.4266

64.7529, 0.3140,  
0.3303

38.7009, 0.4515,  
0.4371

69.6499, 0.2997,  
0.3152

36.0422, 0.4708,  
0.4433

74.8648, 0.2871,  
0.3012

■ 33.6139, 0.4871,  
0.4444

■ 79.2208, 0.2854,  
0.3056

■ 31.5682, 0.4996,  
0.4415

■ 83.5299, 0.2858,  
0.3136

■ 88.0198, 0.2862,  
0.3214

■ 92.5898, 0.2866,  
0.3289

# Harmonies

## Analogous

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



51.8906, 0.3782, 0.3595



51.8906, 0.3666, 0.3802



51.8906, 0.3406, 0.3879

# Triad

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



51.8906, 0.3666, 0.3802



51.8906, 0.2574, 0.3207



51.8906, 0.3148, 0.2862

# Complementary

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



51.8906, 0.3666, 0.3802



39.1737, 0.2621, 0.2717

# 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.



51.8906, 0.2831, 0.2757



51.8906, 0.3666, 0.3802



51.8906, 0.2513, 0.2936

# Square

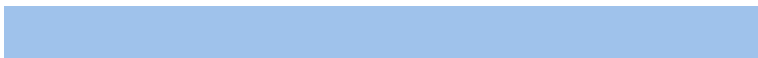
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.8906, 0.3666, 0.3802



51.8906, 0.2777, 0.3523



51.8906, 0.2604, 0.2779



51.8906, 0.3475, 0.3066



# Rectangle

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



51.8906, 0.3666, 0.3802



51.8906, 0.3190, 0.3832



51.8906, 0.2604, 0.2779



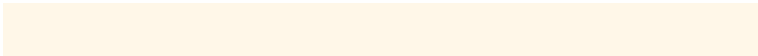
51.8906, 0.3037, 0.2814

# Sweetspot

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



51.8930, 0.3666, 0.3802



93.5399, 0.3270, 0.3435



37.2915, 0.3565, 0.2996



19.8057, 0.3294, 0.3459



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.



51.8930, 0.3666, 0.3802



75.8701, 0.3800, 0.3914



61.2692, 0.3519, 0.4073



13.0648, 0.3275, 0.3440



19.2493, 0.4981, 0.4427



1.2227, 0.4800, 0.4570



# Inverse Universe

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



39.1737, 0.2621, 0.2717



53.3507, 0.2505, 0.2571



32.1826, 0.2655, 0.2408



12.0919, 0.2982, 0.3136



6.0194, 0.1651, 0.1144



0.4844, 0.1756, 0.1520



# Previews

## White Background



This preview shows how the Yxy color 51.8906, 0.3666, 0.3802 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

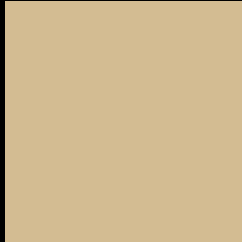
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 51.8906, 0.3666, 0.3802 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

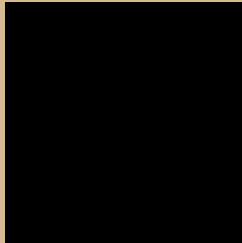
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 51.8906, 0.3666, 0.3802**

## **Background**



This preview shows how black text looks on a background with the Yxy color 51.8906, 0.3666, 0.3802.



This preview shows how white text looks on a background with the Yxy color 51.8906, 0.3666, 0.3802.

# 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

51.8906, 0.3666, 0.3802

### Protanopia

52.2056, 0.3585, 0.3835

### Deuteranopia

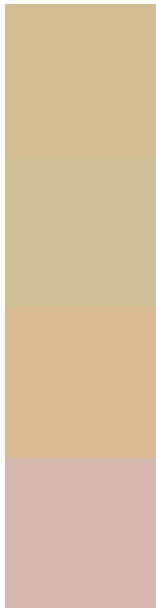
51.8209, 0.3793, 0.3713



## Tritanopia

51.7396, 0.3324, 0.3127

# Trichromacy



## Original Color

51.8906, 0.3666, 0.3802

## Protanomaly

52.1989, 0.3615, 0.3819

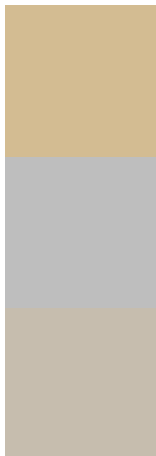
## Deuteranomaly

51.8646, 0.3740, 0.3743

## Tritanomaly

51.9024, 0.3452, 0.3374

# Monochromacy



## Original Color

51.8906, 0.3666, 0.3802

## Achromatopsia

51.4918, 0.3127, 0.3290

## Achromatomaly

51.4570, 0.3320, 0.3478

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 51.8906, 0.3666, 0.3802 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(211, 188, 146)` looks like.

```
.text, #text, p{  
    color:rgb(211, 188, 146)  
}
```

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(211, 188, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 188, 146) }
```

## Border

The CSS property to change the border of an element to Yxy 51.8906, 0.3666, 0.3802 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(211, 188, 146) }
```

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

```
.border{ border-color:rgb(211, 188, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 188, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 188, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 188, 146);  
box-shadow:4px 4px 4px 4px rgb(211, 188,  
146) }
```



# Background

The CSS property to change the background color of an element to Yxy 51.8906, 0.3666, 0.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 188, 146) }
```

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

```
.background{ background-color: rgb(211,  
188, 146) }
```

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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