

# Converting Colors

Yxy(57.7061, 0.3865, 0.4177)

Have a look what the booklet for  
Yxy(57.7061, 0.3865, 0.4177)  
contains.

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# Color

**Yxy(57.7987, 0.3864, 0.4179)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBC87B
RGB	219, 200, 123
RGB Percent	86%, 78%, 48%
CMY	0.1412, 0.2157, 0.5178
CMYK	0.00, 0.09, 0.44, 0.14
HSL	48°, 57%, 67%
HSV	48°, 44%, 86%
XYZ	53.4420, 57.7987, 27.0668
YIQ	196.9030, 36.0410, -19.9190

# Conversions

## Conversions Part 2

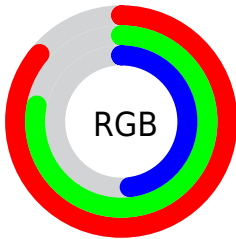
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 219, 123
Decimal	14403707
CIELab	80.63, -3.81, 40.84
CIELCh	81, 41.021, 95.329
Yxy	57.7987, 0.3864, 0.4179
Android (android.graphics.Color)	4292593787 (0xFFDBC87B)
YUV	196.9030, -36.4342, 19.3791
Hunter-Lab	76.0255, -7.5682, 32.1092

# Details

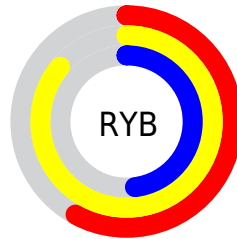
The Yxy color **57.7987, 0.3864, 0.4179** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.6586, 0.2351, 0.2201**, and the grayscale version is **55.9810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9543, 0.3591, 0.4057**, and **28.7070, 0.4033, 0.4394** is the 20% darker color. If you saturate the color by 10%, you get **55.3345, 0.4038, 0.4361**, and if you desaturate by 10%, it is **60.4478, 0.3686, 0.3980**.

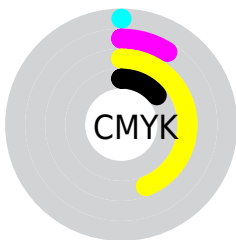
# Distribution



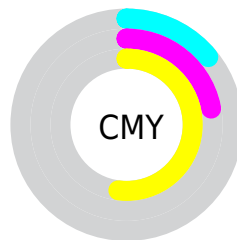
- Red (86%)
- Green (78%)
- Blue (48%)



- Red (58%)
- Yellow (86%)
- Blue (48%)



- Cyan (0%)
- Magenta (9%)
- Yellow (44%)
- Black (14%)



- Cyan (14%)
- Magenta (22%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7987, 0.3864, 0.4179 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 57.7987, 0.3864, 0.4179 by changing the saturation by 10% instead.




 57.7987, 0.3864,  
0.4179

 57.7987, 0.3864,  
0.4179


416.4354, 0.3521,  
0.3757


 41.6468, 0.3940,  
0.4275


 101.6297, 0.3746,  
0.4032

 28.8249, 0.4031,  
0.4392


 130.0776, 0.3700,  
0.3975

 18.9484, 0.4142,  
0.4536


 163.3929, 0.3660,  
0.3926

 11.6330, 0.4275,  
0.4715

201.9601, 0.3625,  
0.3883

 6.4943, 0.4429,  
0.4935

246.1636, 0.3594,  
0.3846

 3.1479, 0.4690,  
0.5310

296.3877, 0.3567,

 1.2094, 0.4621,

0.3813

0.5379

353.0168, 0.3542,  
0.3783

■ 0.0694, 0.0000,  
1.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.7987, 0.3864,  
0.4179

■ 57.7987, 0.3864,  
0.4179

■ 55.3345, 0.4038,  
0.4361

■ 60.4478, 0.3686,  
0.3980

■ 53.0385, 0.4201,  
0.4516

■ 63.2817, 0.3511,  
0.3773

■ 50.9034, 0.4345,  
0.4634


■ 66.3104, 0.3343,  
0.3566


■ 48.9182, 0.4464,  
0.4707

■ 69.5410, 0.3185,  
0.3365


 47.0692, 0.4553,  
0.4733

 72.9797, 0.3039,  
0.3174

 45.9866, 0.4597,  
0.4732

 76.6328, 0.2905,  
0.2994

 79.0594, 0.2903,  
0.3034

 81.5053, 0.2905,  
0.3080

 84.0117, 0.2906,  
0.3125

# Harmonies

## Analogous

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



57.7987, 0.4154, 0.3873



57.7987, 0.3864, 0.4179



57.7987, 0.3388, 0.4250

# Triad

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



57.7987, 0.3864, 0.4179



57.7987, 0.2199, 0.2974



57.7987, 0.3332, 0.2710

# Complementary

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



57.7987, 0.3864, 0.4179



28.6586, 0.2351, 0.2201

# 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.



57.7987, 0.2800, 0.2495



57.7987, 0.3864, 0.4179



57.7987, 0.2186, 0.2609

# Square

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



57.7987, 0.3864, 0.4179



57.7987, 0.2436, 0.3493



57.7987, 0.2395, 0.2452



57.7987, 0.3843, 0.3054



# Rectangle

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



57.7987, 0.3864, 0.4179



57.7987, 0.3036, 0.4115



57.7987, 0.2395, 0.2452



57.7987, 0.3148, 0.2622

# Sweetspot

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



57.8014, 0.3864, 0.4179



93.9330, 0.3331, 0.3551



31.1766, 0.4043, 0.3060



19.8956, 0.3367, 0.3597



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.



57.8014, 0.3864, 0.4179



78.2452, 0.4031, 0.4354



63.0664, 0.3547, 0.4457



14.8034, 0.3272, 0.3476



27.4237, 0.4590, 0.4738



1.8905, 0.4513, 0.4798



# Inverse Universe

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



28.6586, 0.2351, 0.2201



31.9409, 0.2165, 0.1913



25.9263, 0.2541, 0.2010



13.0322, 0.2981, 0.3097



4.1940, 0.1555, 0.0799



0.3936, 0.1637, 0.1092



# Previews

## White Background



This preview shows how the Yxy color 57.7987, 0.3864, 0.4179 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 57.7987, 0.3864, 0.4179 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

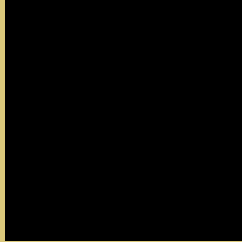
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 57.7987, 0.3864, 0.4179**

## **Background**



This preview shows how black text looks on a background with the Yxy color 57.7987, 0.3864, 0.4179.



This preview shows how white text looks on a background with the Yxy color 57.7987, 0.3864, 0.4179.

# 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

57.7987, 0.3864, 0.4179

### Protanopia

57.7987, 0.3864, 0.4179

### Deuteranopia

57.6195, 0.4094, 0.4002



## Tritanopia

57.7287, 0.3324, 0.3124

# Trichromacy



**Original Color**

57.7987, 0.3864, 0.4179

**Protanomaly**

57.7987, 0.3864, 0.4179

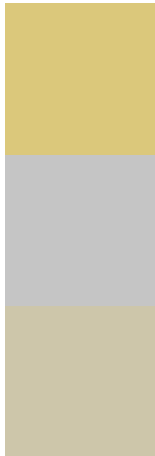
**Deuteranomaly**

57.5312, 0.4017, 0.4064

**Tritanomaly**

57.6863, 0.3533, 0.3509

# Monochromacy



**Original Color**

57.7987, 0.3864, 0.4179

**Achromatopsia**

55.8340, 0.3127, 0.3290

**Achromatomaly**

56.2696, 0.3395, 0.3630

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.7987, 0.3864, 0.4179 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(219, 200, 123)` looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 123)  
}
```

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(219, 200, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 123) }
```

## Border

The CSS property to change the border of an element to Yxy 57.7987, 0.3864, 0.4179 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(219, 200, 123) }
```

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

```
.border{ border-color:rgb(219, 200, 123) }
```

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

Here you see how a box with a 4 pixel rgb(219, 200, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 200, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 200, 123);  
box-shadow:4px 4px 4px 4px rgb(219, 200,  
123) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.7987, 0.3864, 0.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 200, 123) }
```

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

```
.background{ background-color: rgb(219,  
200, 123) }
```

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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