

# Converting Colors

Yxy(57.6946, 0.3841, 0.4160)

Have a look what the booklet for  
Yxy(57.6946, 0.3841, 0.4160)  
contains.

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# Color

**Yxy(57.6946, 0.3841, 0.4160)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAC87D
RGB	218, 200, 125
RGB Percent	85%, 78%, 49%
CMY	0.1451, 0.2157, 0.5099
CMYK	0.00, 0.08, 0.43, 0.15
HSL	48°, 56%, 67%
HSV	48°, 43%, 85%
XYZ	53.2704, 57.6946, 27.7239
YIQ	196.8320, 34.8030, -19.5090

# Conversions

## Conversions Part 2

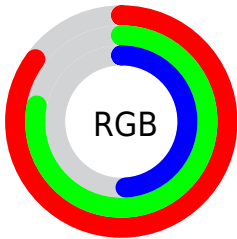
Format	Color
<b>RYB</b>	147, 218, 125
Decimal	14338173
CIELab	80.57, -4.00, 39.73
CIELCh	81, 39.935, 95.752
Yxy	57.6946, 0.3841, 0.4160
Android (android.graphics.Color)	4292528253 (0xFFDAC87D)
YUV	196.8320, -35.4132, 18.5643
Hunter-Lab	75.9570, -7.7384, 31.5293

# Details

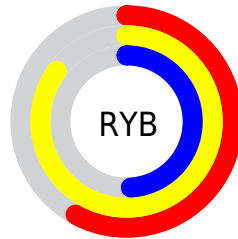
The Yxy color **57.6946, 0.3841, 0.4160** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.0624, 0.2374, 0.2230**, and the grayscale version is **55.9312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **28.6292, 0.4004, 0.4373** is the 20% darker color. If you saturate the color by 10%, you get **55.2722, 0.4015, 0.4346**, and if you desaturate by 10%, it is **60.2985, 0.3664, 0.3959**.

# Distribution



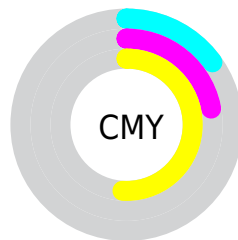
- Red (85%)
- Green (78%)
- Blue (49%)



- Red (58%)
- Yellow (85%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (43%)
- Black (15%)




- Cyan (15%)
- Magenta (22%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6946, 0.3841, 0.4160 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 57.6946, 0.3841, 0.4160 by changing the saturation by 10% instead.




 57.6946, 0.3841,  
0.4160


 57.6946, 0.3841,  
0.4160


416.0470, 0.3508,  
0.3746

 41.5632, 0.3915,  
0.4255

 101.4780, 0.3726,  
0.4016

 28.7594, 0.4004,  
0.4370


 129.8988, 0.3681,  
0.3960

 18.8989, 0.4113,  
0.4514


 163.1847, 0.3642,  
0.3911

 11.5972, 0.4244,  
0.4693

201.7204, 0.3608,  
0.3870

 6.4701, 0.4397,  
0.4914

245.8900, 0.3579,  
0.3833

 3.1330, 0.4681,  
0.5319

296.0780, 0.3552,

 1.2015, 0.4607,

0.3801

0.5393

352.6689, 0.3529,  
0.3772

■ 0.0630, 0.0000,  
1.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.6946, 0.3841,  
0.4160

■ 57.6946, 0.3841,  
0.4160

■ 55.2722, 0.4015,  
0.4346

■ 60.2985, 0.3664,  
0.3959

■ 53.0149, 0.4178,  
0.4505

■ 63.0838, 0.3490,  
0.3751


■ 50.9157, 0.4323,  
0.4628


■ 66.0603, 0.3323,  
0.3543


■ 48.9639, 0.4444,  
0.4707


■ 69.2347, 0.3167,  
0.3342

 47.1465, 0.4535,  
0.4740

 72.6132, 0.3022,  
0.3151

 45.8842, 0.4587,  
0.4740

 76.1512, 0.2895,  
0.2980

 78.4653, 0.2897,  
0.3025

 80.8363, 0.2898,  
0.3070

 83.2644, 0.2900,  
0.3114

# Harmonies

## Analogous

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



57.6946, 0.4126, 0.3866



57.6946, 0.3841, 0.4160



57.6946, 0.3376, 0.4223

# Triad

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



57.6946, 0.3841, 0.4160



57.6946, 0.2219, 0.2977



57.6946, 0.3335, 0.2728

# Complementary

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



57.6946, 0.3841, 0.4160



29.0624, 0.2374, 0.2230

# 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.



57.6946, 0.2816, 0.2515



57.6946, 0.3841, 0.4160



57.6946, 0.2209, 0.2622

# Square

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



57.6946, 0.3841, 0.4160



57.6946, 0.2449, 0.3481



57.6946, 0.2417, 0.2471



57.6946, 0.3831, 0.3066



# Rectangle

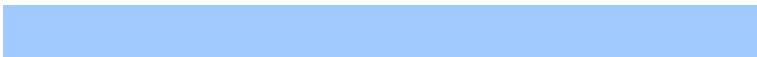
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.6946, 0.3841, 0.4160



57.6946, 0.3032, 0.4087



57.6946, 0.2417, 0.2471



57.6946, 0.3156, 0.2641

# Sweetspot

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



57.6973, 0.3841, 0.4160



94.0202, 0.3331, 0.3552



31.5707, 0.4006, 0.3066



19.9173, 0.3367, 0.3598



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.



57.6973, 0.3841, 0.4160



79.2376, 0.3994, 0.4324



62.5880, 0.3537, 0.4424



14.8132, 0.3272, 0.3477



27.6387, 0.4580, 0.4745



1.9026, 0.4506, 0.4805



# Inverse Universe

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



29.0624, 0.2374, 0.2230



33.4277, 0.2202, 0.1967



26.4869, 0.2560, 0.2049



13.0231, 0.2981, 0.3096



4.1518, 0.1554, 0.0792



0.3893, 0.1634, 0.1083



# Previews

## White Background



This preview shows how the Yxy color 57.6946, 0.3841, 0.4160 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 57.6946, 0.3841, 0.4160 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

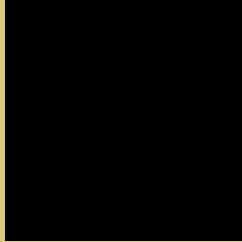
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 57.6946, 0.3841, 0.4160**

## Background



This preview shows how black text looks on a background with the Yxy color 57.6946, 0.3841, 0.4160.



This preview shows how white text looks on a background with the Yxy color 57.6946, 0.3841, 0.4160.

# 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

57.6946, 0.3841, 0.4160

### Protanopia

57.6946, 0.3841, 0.4160

### Deuteranopia

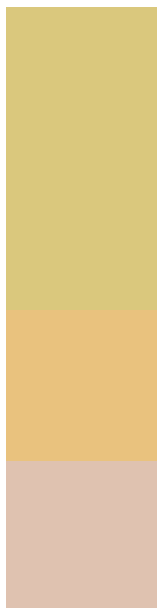
57.4947, 0.4070, 0.3984



## Tritanopia

57.4034, 0.3307, 0.3123

# Trichromacy



## Original Color

57.6946, 0.3841, 0.4160

## Protanomaly

57.6946, 0.3841, 0.4160

## Deuteranomaly

57.4136, 0.3993, 0.4046

## Tritanomaly

57.4061, 0.3508, 0.3499

# Monochromacy



## Original Color

57.6946, 0.3841, 0.4160

## Achromatopsia

55.8340, 0.3127, 0.3290

## Achromatomaly

56.3076, 0.3387, 0.3618

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.6946, 0.3841, 0.4160 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(218, 200, 125)` looks like.

```
.text, #text, p{  
    color:rgb(218, 200, 125)  
}
```

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(218, 200, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 200, 125) }
```

## Border

The CSS property to change the border of an element to Yxy 57.6946, 0.3841, 0.4160 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(218, 200, 125) }
```

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

```
.border{ border-color:rgb(218, 200, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 200, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 200, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 200, 125); box-shadow:4px 4px 4px 4px rgb(218, 200, 125) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.6946, 0.3841, 0.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 200, 125) }
```

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

```
.background{ background-color: rgb(218,  
200, 125) }
```

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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