

# Converting Colors

Yxy(56.9866, 0.3717, 0.3893)

Have a look what the booklet for  
Yxy(56.9866, 0.3717, 0.3893)  
contains.

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# Color

**Yxy(57.1925, 0.3720, 0.3898)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCC591
RGB	220, 197, 145
RGB Percent	86%, 77%, 57%
CMY	0.1375, 0.2274, 0.4314
CMYK	0.00, 0.10, 0.34, 0.14
HSL	42°, 52%, 72%
HSV	42°, 34%, 86%
XYZ	54.5808, 57.1925, 34.9493
YIQ	197.9490, 30.4000, -11.2960

# Conversions

## Conversions Part 2

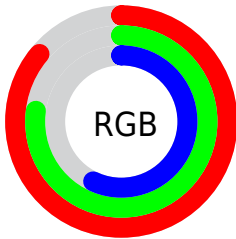
Format	Color
R <sub>Y</sub> B	178, 220, 145
Decimal	14468497
CIE Lab	80.29, 0.56, 29.08
CIE LCh	80, 29.081, 88.893
Yxy	57.1925, 0.3720, 0.3898
Android (android.graphics.Color)	4292658577 (0xFFDCC591)
YUV	197.9490, -26.1039, 19.3387
Hunter-Lab	75.6257, -3.5174, 25.5380

# Details

The Yxy color **57.1925, 0.3720, 0.3898** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.1621, 0.2556, 0.2595**, and the grayscale version is **56.5853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2671, 0.3462, 0.3831**, and **28.3456, 0.3872, 0.4042** is the 20% darker color. If you saturate the color by 10%, you get **53.5929, 0.3920, 0.4075**, and if you desaturate by 10%, it is **61.0652, 0.3529, 0.3715**.

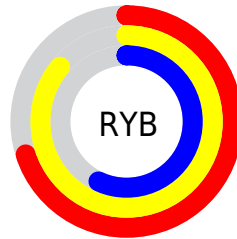
# Distribution



Red (86%)

Green (77%)

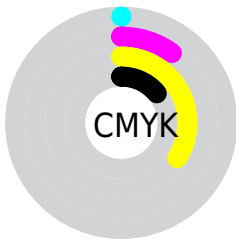
Blue (57%)



Red (70%)

Yellow (86%)

Blue (57%)

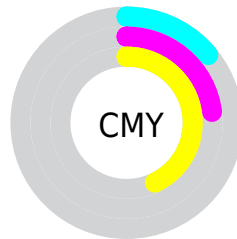


Cyan (0%)

Magenta (10%)

Yellow (34%)

Black (14%)



Cyan (14%)

Magenta (23%)


Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1925, 0.3720, 0.3898 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 57.1925, 0.3720, 0.3898 by changing the saturation by 10% instead.




 57.1925, 0.3720,  
0.3898


 57.1925, 0.3720,  
0.3898

414.1702, 0.3437,  
0.3608

 41.1598, 0.3786,  
0.3965


 100.7460, 0.3620,  
0.3796

 28.4440, 0.3868,  
0.4049


 129.0356, 0.3582,  
0.3757

 18.6606, 0.3971,  
0.4154


162.1797, 0.3549,  
0.3723

 11.4253, 0.4106,  
0.4290

200.5626, 0.3521,  
0.3694

 6.3537, 0.4283,  
0.4468

244.5687, 0.3496,  
0.3669

 3.0613, 0.4585,  
0.4772

294.5824, 0.3474,

 1.1638, 0.4910,

0.3646

0.5090

350.9881, 0.3454,  
0.3626

0.0319, 0.5800,  
0.4200

0.0000, 0.0000,  
0.0000

57.1925, 0.3720,  
0.3898

57.1925, 0.3720,  
0.3898

53.5929, 0.3920,  
0.4075

61.0652, 0.3529,  
0.3715

50.2490, 0.4124,  
0.4237

65.2116, 0.3352,  
0.3534

47.1532, 0.4323,  
0.4374

69.6428, 0.3189,  
0.3359

44.2945, 0.4509,  
0.4474

74.3663, 0.3042,  
0.3193

41.6599, 0.4671,  
0.4528

79.3897, 0.2909,  
0.3038

39.2343, 0.4802,  
0.4532

83.2231, 0.2911,  
0.3108

37.8822, 0.4869,  
0.4516

87.2011, 0.2914,  
0.3178

91.3269, 0.2916,  
0.3247

93.9478, 0.2917,  
0.3289

# Harmonies

## Analogous

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



57.1925, 0.3879, 0.3668



57.1925, 0.3720, 0.3898



57.1925, 0.3404, 0.3972

# Triad

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



57.1925, 0.3720, 0.3898



57.1925, 0.2475, 0.3149



57.1925, 0.3194, 0.2822

# Complementary

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



57.1925, 0.3720, 0.3898



39.1621, 0.2556, 0.2595

# 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.



57.1925, 0.2823, 0.2688



57.1925, 0.3720, 0.3898



57.1925, 0.2427, 0.2852

# Square

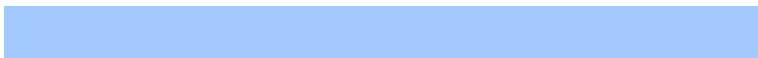
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.1925, 0.3720, 0.3898



57.1925, 0.2689, 0.3518



57.1925, 0.2549, 0.2693



57.1925, 0.3567, 0.3063



# Rectangle

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



57.1925, 0.3720, 0.3898



57.1925, 0.3153, 0.3903



57.1925, 0.2549, 0.2693



57.1925, 0.3065, 0.2763

# Sweetspot

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



57.1951, 0.3720, 0.3898



93.5889, 0.3285, 0.3463



38.3128, 0.3670, 0.3007



19.8461, 0.3308, 0.3488



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.



57.1951, 0.3720, 0.3898



76.2621, 0.3865, 0.4028



66.3561, 0.3530, 0.4168



14.5566, 0.3274, 0.3452



22.4493, 0.4856, 0.4527



1.6040, 0.4722, 0.4633



# Inverse Universe

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



39.1621, 0.2556, 0.2595



47.3794, 0.2423, 0.2415



32.7594, 0.2624, 0.2306



13.2635, 0.2981, 0.3123



5.5826, 0.1617, 0.1019

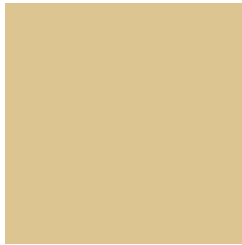


0.5116, 0.1708, 0.1347



# Previews

## White Background



This preview shows how the Yxy color 57.1925, 0.3720, 0.3898 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

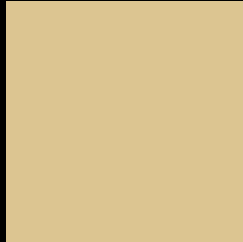
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 57.1925, 0.3720, 0.3898 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

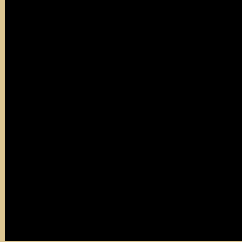
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 57.1925, 0.3720, 0.3898**

## Background



This preview shows how black text looks on a background with the Yxy color 57.1925, 0.3720, 0.3898.



This preview shows how white text looks on a background with the Yxy color 57.1925, 0.3720, 0.3898.

# 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

57.1925, 0.3720, 0.3898

### Protanopia

57.2183, 0.3654, 0.3919

### Deuteranopia

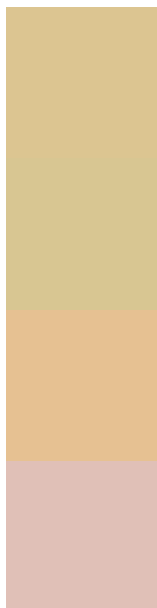
57.1698, 0.3875, 0.3793



## Tritanopia

57.0857, 0.3325, 0.3123

# Trichromacy



## Original Color

57.1925, 0.3720, 0.3898

## Protanomaly

57.0624, 0.3675, 0.3905

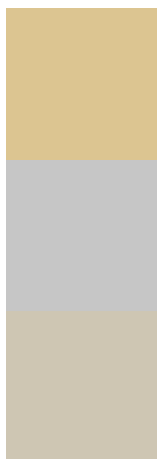
## Deuteranomaly

57.0382, 0.3815, 0.3825

## Tritanomaly

56.9655, 0.3464, 0.3394

# Monochromacy



## Original Color

57.1925, 0.3720, 0.3898

## Achromatopsia

56.4712, 0.3127, 0.3290

## Achromatomaly

56.7647, 0.3334, 0.3519

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.1925, 0.3720, 0.3898 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(220, 197, 145)` looks like.

```
.text, #text, p{  
    color:rgb(220, 197, 145)  
}
```

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(220, 197, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 197, 145) }
```

## Border

The CSS property to change the border of an element to Yxy 57.1925, 0.3720, 0.3898 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(220, 197, 145) }
```

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

```
.border{ border-color:rgb(220, 197, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 197, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 197, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 197, 145);  
box-shadow:4px 4px 4px 4px rgb(220, 197,  
145) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.1925, 0.3720, 0.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 197, 145) }
```

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

```
.background{ background-color: rgb(220,  
197, 145) }
```

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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