

# Converting Colors

Yxy(52.9345, 0.3800, 0.4099)

Have a look what the booklet for  
Yxy(52.9345, 0.3800, 0.4099)  
contains.

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# Color

**Yxy(52.8816, 0.3808, 0.4098)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2C07D
RGB	210, 192, 125
RGB Percent	82%, 75%, 49%
CMY	0.1763, 0.2471, 0.5098
CMYK	0.00, 0.09, 0.40, 0.18
HSL	47°, 49%, 66%
HSV	47°, 40%, 82%
XYZ	49.1394, 52.8816, 27.0215
YIQ	189.7440, 32.2350, -17.0210

# Conversions

## Conversions Part 2

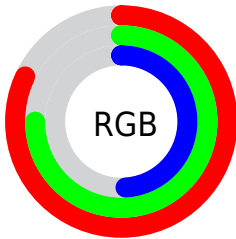
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 210, 125
Decimal	13811837
CIELab	77.81, -3.03, 36.05
CIELCh	78, 36.176, 94.811
Yxy	52.8816, 0.3808, 0.4098
Android (android.graphics.Color)	4292001917 (0xFFD2C07D)
YUV	189.7440, -31.9188, 17.7645
Hunter-Lab	72.7197, -6.6406, 28.8726

# Details

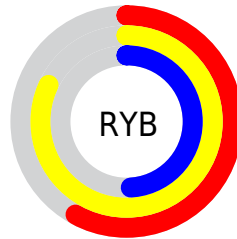
The Yxy color **52.8816, 0.3808, 0.4098** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.6797, 0.2422, 0.2321**, and the grayscale version is **51.5151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6092, 0.3604, 0.3985**, and **25.8433, 0.3967, 0.4303** is the 20% darker color. If you saturate the color by 10%, you get **50.4740, 0.3987, 0.4284**, and if you desaturate by 10%, it is **55.4669, 0.3628, 0.3899**.

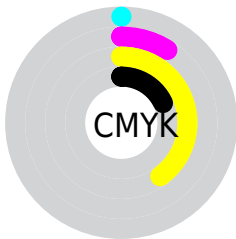
# Distribution



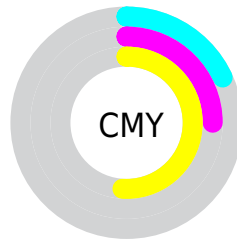
- Red (82%)
- Green (75%)
- Blue (49%)



- Red (58%)
- Yellow (82%)
- Blue (49%)



- Cyan (0%)
- Magenta (9%)
- Yellow (40%)
- Black (18%)




- Cyan (18%)
- Magenta (25%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8816, 0.3808, 0.4098 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 52.8816, 0.3808, 0.4098 by changing the saturation by 10% instead.




 52.8816, 0.3808,  
0.4098

 52.8816, 0.3808,  
0.4098

397.8307, 0.3483,  
0.3707

 37.7083, 0.3882,  
0.4189


 94.4301, 0.3695,  
0.3960

 25.7563, 0.3973,  
0.4302


 121.5741, 0.3651,  
0.3907

 16.6414, 0.4086,  
0.4444

 153.4771, 0.3613,  
0.3862

 9.9792, 0.4225,  
0.4624

190.5234, 0.3580,  
0.3822

 5.3852, 0.4396,  
0.4855

233.0976, 0.3551,  
0.3788

 2.4750, 0.4715,  
0.5285

281.5839, 0.3526,

 0.8641, 0.4637,

0.3758

0.5363

336.3668, 0.3503,  
0.3731

0.0000, 0.0000,  
0.0000

52.8816, 0.3808,  
0.4098

52.8816, 0.3808,  
0.4098

50.4740, 0.3987,  
0.4284

55.4669, 0.3628,  
0.3899

48.2291, 0.4159,  
0.4447

58.2298, 0.3454,  
0.3695

46.1407, 0.4315,  
0.4577

61.1792, 0.3288,  
0.3493


44.1992, 0.4449,  
0.4664

64.3213, 0.3134,  
0.3299


42.3931, 0.4554,  
0.4705

67.6619, 0.2993,  
0.3115

 40.7809, 0.4630,  
0.4706

 71.2065, 0.2864,  
0.2944

 73.8139, 0.2843,  
0.2952

 76.2313, 0.2846,  
0.3001

 78.7120, 0.2848,  
0.3049

# Harmonies

## Analogous

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



52.8816, 0.4065, 0.3823



52.8816, 0.3808, 0.4098



52.8816, 0.3378, 0.4159

# Triad

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



52.8816, 0.3808, 0.4098



52.8816, 0.2279, 0.3014



52.8816, 0.3306, 0.2754

# Complementary

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



52.8816, 0.3808, 0.4098



28.6797, 0.2422, 0.2321

# 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.



52.8816, 0.2823, 0.2558



52.8816, 0.3808, 0.4098



52.8816, 0.2263, 0.2675

# Square

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



52.8816, 0.3808, 0.4098



52.8816, 0.2503, 0.3485



52.8816, 0.2453, 0.2523



52.8816, 0.3771, 0.3071



# Rectangle

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



52.8816, 0.3808, 0.4098



52.8816, 0.3056, 0.4038



52.8816, 0.2453, 0.2523



52.8816, 0.3140, 0.2673

# Sweetspot

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



52.8840, 0.3808, 0.4098



94.1083, 0.3315, 0.3526



30.3739, 0.3921, 0.3060



20.0115, 0.3336, 0.3553



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.



52.8840, 0.3808, 0.4098



78.6198, 0.3971, 0.4268



58.0289, 0.3530, 0.4358



13.3537, 0.3271, 0.3472



25.0148, 0.4622, 0.4712



1.5078, 0.4529, 0.4786



# Inverse Universe

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



28.6797, 0.2422, 0.2321



35.9412, 0.2247, 0.2058



25.7239, 0.2585, 0.2119



11.8187, 0.2982, 0.3101



4.0839, 0.1563, 0.0827

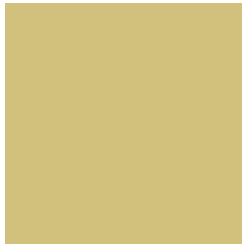


0.3467, 0.1659, 0.1172



# Previews

## White Background



This preview shows how the Yxy color 52.8816, 0.3808, 0.4098 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 52.8816, 0.3808, 0.4098 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

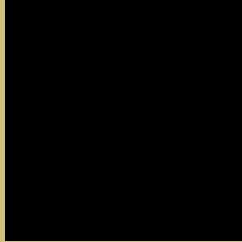
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 52.8816, 0.3808, 0.4098**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.8816, 0.3808, 0.4098.



This preview shows how white text looks on a background with the Yxy color 52.8816, 0.3808, 0.4098.

# 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

52.8816, 0.3808, 0.4098

### Protanopia

52.7353, 0.3799, 0.4101

### Deuteranopia

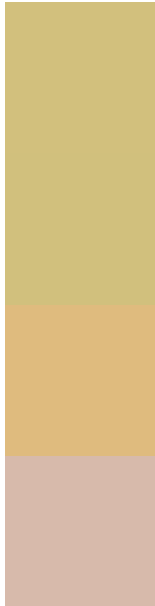
52.8022, 0.4020, 0.3936



## Tritanopia

52.8036, 0.3313, 0.3128

# Trichromacy



## Original Color

52.8816, 0.3808, 0.4098

## Protanomaly

52.7353, 0.3799, 0.4101

## Deuteranomaly

52.7350, 0.3940, 0.3999

## Tritanomaly

52.5052, 0.3498, 0.3470

# Monochromacy



## Original Color

52.8816, 0.3808, 0.4098

## Achromatopsia

51.4918, 0.3127, 0.3290

## Achromatomaly

51.8851, 0.3372, 0.3604

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.8816, 0.3808, 0.4098 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(210, 192, 125)` looks like.

```
.text, #text, p{  
    color:rgb(210, 192, 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(210, 192, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 192, 125) }
```

## Border

The CSS property to change the border of an element to Yxy 52.8816, 0.3808, 0.4098 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(210, 192, 125) }
```

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

```
.border{ border-color:rgb(210, 192, 125) }
```

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

Here you see how a box with a 4 pixel rgb(210, 192, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 192, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 192, 125);  
box-shadow:4px 4px 4px 4px rgb(210, 192,  
125) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.8816, 0.3808, 0.4098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 192, 125) }
```

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

```
.background{ background-color: rgb(210,  
192, 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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