

Converting Colors

$Yxy(50.6074, 0.3815, 0.3828)$

Have a look what the booklet for
Yxy(50.6074, 0.3815, 0.3828)
contains.

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Color

Yxy(50.6074, 0.3815, 0.3828)

Conversions

Conversions Part 1

Format	Color
Hex	DAB78A
RGB	218, 183, 138
RGB Percent	85%, 72%, 54%
CMY	0.1451, 0.2823, 0.4588
CMYK	0.00, 0.16, 0.37, 0.15
HSL	34°, 52%, 70%
HSV	34°, 37%, 85%
XYZ	50.4355, 50.6074, 31.1603
YIQ	188.3350, 35.3050, -6.5750

Conversions

Conversions Part 2

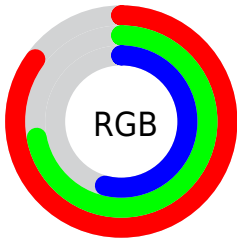
Format	Color
R_{YB}	200, 218, 138
Decimal	14333834
CIE _{Lab}	76.44, 6.35, 27.58
CIE _{LCh}	76, 28.302, 77.045
Yxy	50.6074, 0.3815, 0.3828
Android (android.graphics.Color)	4292523914 (0xFFDAB78A)
YUV	188.3350, -24.8152, 26.0162
Hunter-Lab	71.1389, 2.0586, 23.8270

Details

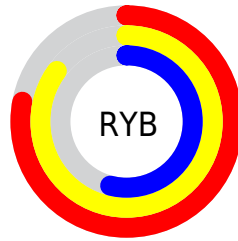
The Yxy color **50.6074, 0.3815, 0.3828** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.3591, 0.2530, 0.2681**, and the grayscale version is **50.6206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7988, 0.3537, 0.3762**, and **24.3512, 0.3999, 0.3951** is the 20% darker color. If you saturate the color by 10%, you get **46.2376, 0.4048, 0.3973**, and if you desaturate by 10%, it is **55.3753, 0.3600, 0.3677**.

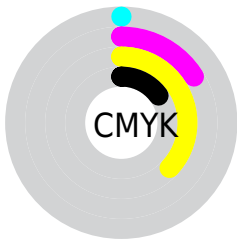
Distribution



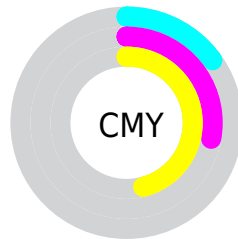
- Red (85%)
- Green (72%)
- Blue (54%)



- Red (78%)
- Yellow (85%)
- Blue (54%)



- Cyan (0%)
- Magenta (16%)
- Yellow (37%)
- Black (15%)



- Cyan (15%)
- Magenta (28%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6074, 0.3815, 0.3828 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 50.6074, 0.3815, 0.3828 by changing the saturation by 10% instead.


 50.6074, 0.3815,
0.3828

 50.6074, 0.3815,
0.3828


389.0365, 0.3477,
0.3571

 35.8963, 0.3896,
0.3888


 91.0742, 0.3694,
0.3738

 24.3541, 0.3999,
0.3961


 117.5986, 0.3648,
0.3703

 15.5965, 0.4131,
0.4053


 148.8296, 0.3609,
0.3673

 9.2391, 0.4306,
0.4170

185.1515, 0.3575,
0.3647

 4.8974, 0.4546,
0.4317

226.9488, 0.3546,
0.3624

 2.1872, 0.5145,
0.4739

274.6058, 0.3520,

 0.7130, 0.5387,

0.3604

0.4613

328.5069, 0.3497,
0.3587

0.0000, 0.0000,
0.0000

50.6074, 0.3815,
0.3828

50.6074, 0.3815,
0.3828

46.2376, 0.4048,
0.3973

55.3753, 0.3600,
0.3677

42.2460, 0.4294,
0.4103

60.5464, 0.3405,
0.3527

38.6212, 0.4543,
0.4205

66.1345, 0.3232,
0.3382

35.3479, 0.4784,
0.4269

72.1504, 0.3078,
0.3246

32.4093, 0.5001,
0.4283

78.6045, 0.2943,
0.3118

■ 29.7850, 0.5182,
0.4242

■ 84.5847, 0.2900,
0.3138

■ 28.9763, 0.5239,
0.4222

■ 90.3567, 0.2904,
0.3236

■ 93.6456, 0.2906,
0.3289

Harmonies

Analogous

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



50.6074, 0.3895, 0.3556



50.6074, 0.3815, 0.3828



50.6074, 0.3547, 0.3975

Triad

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



50.6074, 0.3815, 0.3828



50.6074, 0.2534, 0.3292



50.6074, 0.3040, 0.2747

Complementary

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



50.6074, 0.3815, 0.3828



40.3591, 0.2530, 0.2681

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.



50.6074, 0.2693, 0.2664



50.6074, 0.3815, 0.3828



50.6074, 0.2416, 0.2950

Square

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



50.6074, 0.3815, 0.3828



50.6074, 0.2807, 0.3663



50.6074, 0.2473, 0.2730



50.6074, 0.3431, 0.2953

Rectangle

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



50.6074, 0.3815, 0.3828



50.6074, 0.3305, 0.3965



50.6074, 0.2473, 0.2730



50.6074, 0.2914, 0.2704

Sweetspot

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



50.6098, 0.3815, 0.3828



90.7411, 0.3306, 0.3445



36.1437, 0.3611, 0.2859



19.1891, 0.3330, 0.3465



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.



50.6098, 0.3815, 0.3828



67.3350, 0.3993, 0.3941



66.2754, 0.3644, 0.4208



14.2605, 0.3278, 0.3421



17.5774, 0.5219, 0.4238



1.3092, 0.5007, 0.4407

Inverse Universe

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



40.3591, 0.2530, 0.2681



50.6940, 0.2400, 0.2526



28.9959, 0.2491, 0.2195



13.5499, 0.2982, 0.3155



8.1837, 0.1718, 0.1384



0.6997, 0.1806, 0.1701

Previews

White Background



This preview shows how the Yxy color 50.6074, 0.3815, 0.3828 looks on a white background.

Color Contrast Check

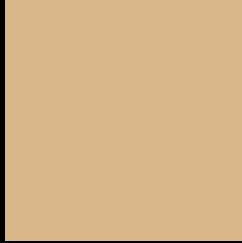
Large Text (above 18pt) WCAG AA × Fail

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 50.6074, 0.3815, 0.3828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

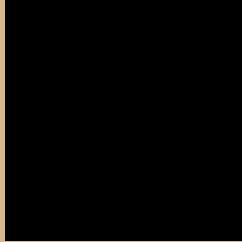
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6074, 0.3815, 0.3828

Background



This preview shows how black text looks on a background with the Yxy color 50.6074, 0.3815, 0.3828.



This preview shows how white text looks on a background with the Yxy color 50.6074, 0.3815, 0.3828.

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

50.6074, 0.3815, 0.3828

Protanopia

50.8452, 0.3630, 0.3903

Deuteranopia

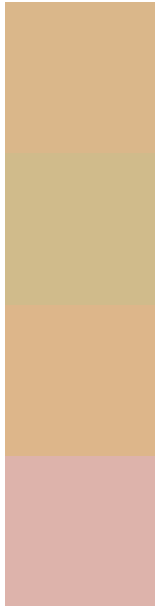
50.5707, 0.3869, 0.3797



Tritanopia

50.4563, 0.3426, 0.3129

Trichromacy



Original Color

50.6074, 0.3815, 0.3828

Protanomaly

50.8146, 0.3700, 0.3881

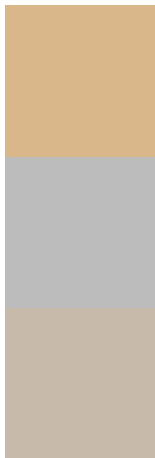
Deuteranomaly

50.6630, 0.3847, 0.3811

Tritanomaly

50.5526, 0.3569, 0.3386

Monochromacy



Original Color

50.6074, 0.3815, 0.3828

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1622, 0.3366, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6074, 0.3815, 0.3828 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, 183, 138)` looks like.

```
.text, #text, p{  
    color:rgb(218, 183, 138)  
}
```

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, 183, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 183, 138) }
```

Border

The CSS property to change the border of an element to Yxy 50.6074, 0.3815, 0.3828 is called "border". The border property can be set on classes, ids or directly on the HTML element.

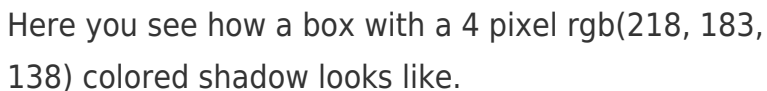
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 183, 138) }
```

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

```
.border{ border-color:rgb(218, 183, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 183, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 183, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 183, 138); box-shadow:4px 4px 4px 4px rgb(218, 183, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6074, 0.3815, 0.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 183, 138) }
```

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

```
.background{ background-color: rgb(218,  
183, 138) }
```

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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