

Converting Colors

$Yxy(48.3882, 0.3749, 0.3789)$

Have a look what the booklet for
Yxy(48.3882, 0.3749, 0.3789)
contains.

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Color

Yxy(48.3848, 0.3746, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	D3B48C
RGB	211, 180, 140
RGB Percent	83%, 71%, 55%
CMY	0.1725, 0.2941, 0.4510
CMYK	0.00, 0.15, 0.34, 0.17
HSL	34°, 45%, 69%
HSV	34°, 34%, 83%
XYZ	47.9242, 48.3848, 31.6254
YIQ	184.7090, 31.3160, -5.8680

Conversions

Conversions Part 2

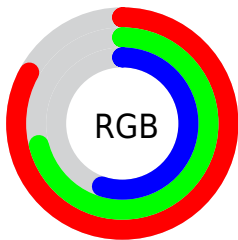
Format	Color
RYB	195, 211, 140
Decimal	13874316
CIELab	75.07, 5.43, 24.56
CIELCh	75, 25.155, 77.528
Yxy	48.3848, 0.3746, 0.3782
Android (android.graphics.Color)	4292064396 (0xFFD3B48C)
YUV	184.7090, -22.0415, 23.0572
Hunter-Lab	69.5592, 1.2527, 21.7350

Details

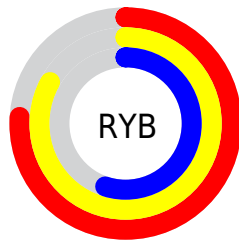
The Yxy color **48.3848, 0.3746, 0.3782** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.4186, 0.2582, 0.2740**, and the grayscale version is **48.4598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1459, 0.3531, 0.3713**, and **22.8855, 0.3909, 0.3898** is the 20% darker color. If you saturate the color by 10%, you get **44.2235, 0.3973, 0.3930**, and if you desaturate by 10%, it is **52.9176, 0.3538, 0.3631**.

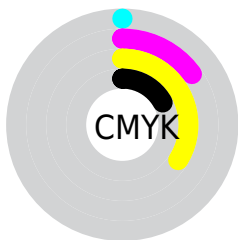
Distribution



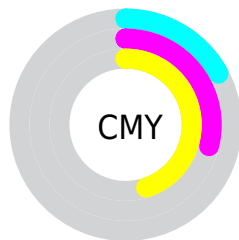
- Red (83%)
- Green (71%)
- Blue (55%)



- Red (76%)
- Yellow (83%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (17%)





- Cyan (17%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3848, 0.3746, 0.3782 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 48.3848, 0.3746, 0.3782 by changing the saturation by 10% instead.


 48.3848, 0.3746,
0.3782

 48.3848, 0.3746,
0.3782


380.3154, 0.3439,
0.3544

 34.1317, 0.3821,
0.3838


 87.7771, 0.3635,
0.3698

 22.9948, 0.3916,
0.3909


 113.6850, 0.3594,
0.3665

 14.5897, 0.4040,
0.3998


 144.2467, 0.3558,
0.3637

 8.5319, 0.4207,
0.4114

179.8466, 0.3527,
0.3614

 4.4372, 0.4440,
0.4266

220.8690, 0.3501,
0.3593

 1.9210, 0.5046,
0.4712

267.6983, 0.3478,

 0.5609, 0.5427,

0.3574

0.4573

320.7190, 0.3457,
0.3558

0.0000, 0.0000,
0.0000

48.3848, 0.3746,
0.3782

48.3848, 0.3746,
0.3782

44.2235, 0.3973,
0.3930

52.9176, 0.3538,
0.3631

40.4154, 0.4215,
0.4065

57.8261, 0.3350,
0.3482

36.9501, 0.4464,
0.4178


63.1229, 0.3183,
0.3340


33.8143, 0.4708,
0.4255


68.8180, 0.3036,
0.3206


30.9928, 0.4933,
0.4285

74.9208, 0.2906,
0.3082


 28.4685, 0.5126,
0.4262

 80.6692, 0.2856,
0.3083

 27.0053, 0.5234,
0.4226

 86.0955, 0.2861,
0.3181

 91.7997, 0.2865,
0.3276

 92.5925, 0.2866,
0.3289

Harmonies

Analogous

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



48.3848, 0.3819, 0.3539



48.3848, 0.3746, 0.3782



48.3848, 0.3504, 0.3908

Triad

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



48.3848, 0.3746, 0.3782



48.3848, 0.2587, 0.3289



48.3848, 0.3055, 0.2798

Complementary

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



48.3848, 0.3746, 0.3782



39.4186, 0.2582, 0.2740

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.



48.3848, 0.2739, 0.2721



48.3848, 0.3746, 0.3782



48.3848, 0.2481, 0.2981

Square

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



48.3848, 0.3746, 0.3782



48.3848, 0.2834, 0.3620



48.3848, 0.2535, 0.2781



48.3848, 0.3408, 0.2989

Rectangle

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



48.3848, 0.3746, 0.3782



48.3848, 0.3285, 0.3894



48.3848, 0.2535, 0.2781



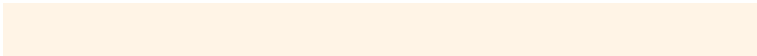
48.3848, 0.2941, 0.2759

Sweetspot

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



48.3870, 0.3746, 0.3782



91.5617, 0.3289, 0.3431



35.5872, 0.3556, 0.2897



19.3548, 0.3313, 0.3451



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.



48.3870, 0.3746, 0.3782



69.8688, 0.3898, 0.3883



61.8281, 0.3602, 0.4132



12.8969, 0.3277, 0.3421



16.5008, 0.5214, 0.4242



1.0791, 0.4977, 0.4430

Inverse Universe

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



39.4186, 0.2582, 0.2740



54.1813, 0.2468, 0.2607



29.3512, 0.2554, 0.2302



12.2553, 0.2982, 0.3156



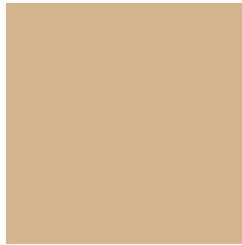
7.6734, 0.1718, 0.1386



0.5857, 0.1818, 0.1745

Previews

White Background



This preview shows how the Yxy color 48.3848, 0.3746, 0.3782 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 48.3848, 0.3746, 0.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

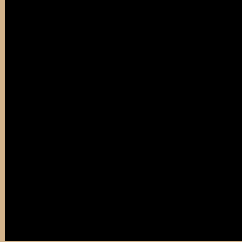
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.3848, 0.3746, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 48.3848, 0.3746, 0.3782.



This preview shows how white text looks on a background with the Yxy color 48.3848, 0.3746, 0.3782.

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

48.3848, 0.3746, 0.3782

Protanopia

48.6567, 0.3591, 0.3838

Deuteranopia

48.2728, 0.3814, 0.3724



Tritanopia

48.4589, 0.3393, 0.3137

Trichromacy



Original Color

48.3848, 0.3746, 0.3782

Protanomaly

48.4866, 0.3652, 0.3819

Deuteranomaly

48.2109, 0.3782, 0.3740

Tritanomaly

48.2491, 0.3521, 0.3364

Monochromacy



Original Color

48.3848, 0.3746, 0.3782

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.2009, 0.3335, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3848, 0.3746, 0.3782 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(211, 180, 140)` looks like.

```
.text, #text, p{  
    color:rgb(211, 180, 140)  
}
```

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(211, 180, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 180, 140) }
```

Border

The CSS property to change the border of an element to Yxy 48.3848, 0.3746, 0.3782 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(211, 180, 140) }
```

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

```
.border{ border-color:rgb(211, 180, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 180, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 180, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 180, 140);  
box-shadow:4px 4px 4px 4px rgb(211, 180,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3848, 0.3746, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 180, 140) }
```

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

```
.background{ background-color: rgb(211,  
180, 140) }
```

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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