

Converting Colors

$Y_{xy}(49.7298, 0.3746, 0.3852)$

Have a look what the booklet for
Yxy(49.7298, 0.3746, 0.3852)
contains.

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Color

Yxy(49.9648, 0.3747, 0.3853)

Conversions

Conversions Part 1

Format	Color
Hex	D3B88A
RGB	211, 184, 138
RGB Percent	83%, 72%, 54%
CMY	0.1726, 0.2784, 0.4589
CMYK	0.00, 0.13, 0.35, 0.17
HSL	38°, 45%, 68%
HSV	38°, 35%, 83%
XYZ	48.5902, 49.9648, 31.1226
YIQ	186.8290, 30.8580, -8.5820

Conversions

Conversions Part 2

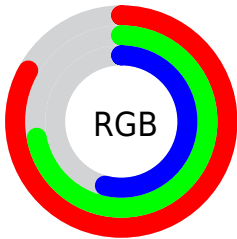
Format	Color
R _Y B	181, 211, 138
Decimal	13875338
CIE Lab	76.05, 3.04, 26.96
CIE LCh	76, 27.128, 83.565
Yxy	49.9648, 0.3747, 0.3853
Android (android.graphics.Color)	4292065418 (0xFFD3B88A)
YUV	186.8290, -24.0727, 21.1980
Hunter-Lab	70.6858, -0.9972, 23.3749

Details

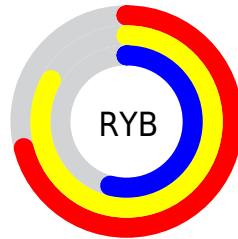
The Yxy color **49.9648, 0.3747, 0.3853** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.0068, 0.2557, 0.2651**, and the grayscale version is **49.7182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3859, 0.3535, 0.3771**, and **23.9057, 0.3905, 0.3990** is the 20% darker color. If you saturate the color by 10%, you get **46.2623, 0.3961, 0.4015**, and if you desaturate by 10%, it is **53.9693, 0.3547, 0.3686**.

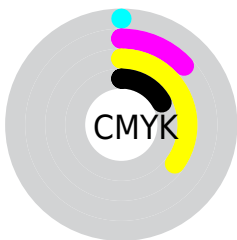
Distribution



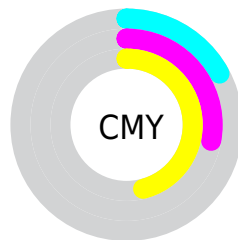
- Red (83%)
- Green (72%)
- Blue (54%)



- Red (71%)
- Yellow (83%)
- Blue (54%)



- Cyan (0%)
- Magenta (13%)
- Yellow (35%)
- Black (17%)





- Cyan (17%)
- Magenta (28%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9648, 0.3747, 0.3853 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 49.9648, 0.3747, 0.3853 by changing the saturation by 10% instead.


 49.9648, 0.3747,
0.3853


 49.9648, 0.3747,
0.3853


386.5283, 0.3442,
0.3580

 35.3854, 0.3820,
0.3918


 90.1227, 0.3638,
0.3756

 23.9599, 0.3913,
0.3998


 116.4701, 0.3597,
0.3719

 15.3039, 0.4031,
0.4100


 147.5088, 0.3561,
0.3688

 9.0329, 0.4189,
0.4233

183.6235, 0.3531,
0.3660

 4.7627, 0.4403,
0.4407

225.1983, 0.3505,
0.3636

 2.1087, 0.4978,
0.4906

272.6178, 0.3481,

 0.6695, 0.5149,

0.3615

0.4851

326.2663, 0.3461,
0.3597

0.0000, 0.0000,
0.0000

49.9648, 0.3747,
0.3853

49.9648, 0.3747,
0.3853

46.2623, 0.3961,
0.4015

53.9693, 0.3547,
0.3686

42.8452, 0.4183,
0.4164

58.2780, 0.3363,
0.3520

39.7052, 0.4405,
0.4287

62.9019, 0.3198,
0.3361

36.8308, 0.4617,
0.4374

67.8491, 0.3049,
0.3210

34.2089, 0.4807,
0.4414

73.1274, 0.2917,
0.3069

■ 31.8243, 0.4965,
0.4401

■ 78.1115, 0.2853,
0.3035

■ 30.6231, 0.5041,
0.4379

■ 82.5706, 0.2857,
0.3118

■ 87.2267, 0.2862,
0.3200

■ 92.0821, 0.2866,
0.3281

Harmonies

Analogous

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



49.9648, 0.3867, 0.3611



49.9648, 0.3747, 0.3853



49.9648, 0.3460, 0.3956

Triad

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



49.9648, 0.3747, 0.3853



49.9648, 0.2516, 0.3215



49.9648, 0.3125, 0.2800

Complementary

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



49.9648, 0.3747, 0.3853



37.0068, 0.2557, 0.2651

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.



49.9648, 0.2774, 0.2691



49.9648, 0.3747, 0.3853



49.9648, 0.2438, 0.2905

Square

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



49.9648, 0.3747, 0.3853



49.9648, 0.2751, 0.3575



49.9648, 0.2529, 0.2723



49.9648, 0.3497, 0.3021

Rectangle

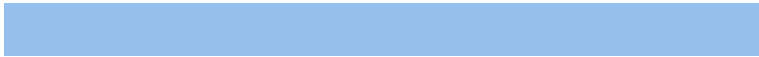
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.9648, 0.3747, 0.3853



49.9648, 0.3219, 0.3914



49.9648, 0.2529, 0.2723



49.9648, 0.3001, 0.2750

Sweetspot

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



49.9671, 0.3747, 0.3853



92.5976, 0.3287, 0.3448



34.7740, 0.3626, 0.2944



19.6057, 0.3311, 0.3470



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.



49.9671, 0.3747, 0.3853



72.2045, 0.3914, 0.3981



61.0446, 0.3575, 0.4168



13.0323, 0.3275, 0.3436



18.6836, 0.5025, 0.4392



1.1937, 0.4833, 0.4544

Inverse Universe

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



37.0068, 0.2557, 0.2651



49.2558, 0.2419, 0.2476



29.0338, 0.2575, 0.2280



12.1232, 0.2982, 0.3139



6.3069, 0.1664, 0.1188



0.5027, 0.1767, 0.1562

Previews

White Background



This preview shows how the Yxy color 49.9648, 0.3747, 0.3853 looks on a white background.

Color Contrast Check

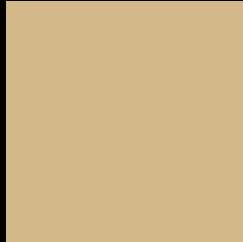
Large Text (above 18pt) WCAG AA × Fail

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 49.9648, 0.3747, 0.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

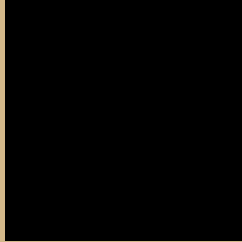
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

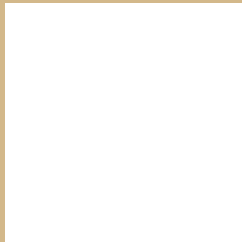
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.9648, 0.3747, 0.3853

Background



This preview shows how black text looks on a background with the Yxy color 49.9648, 0.3747, 0.3853.



This preview shows how white text looks on a background with the Yxy color 49.9648, 0.3747, 0.3853.

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

49.9648, 0.3747, 0.3853

Protanopia

49.8222, 0.3636, 0.3894

Deuteranopia

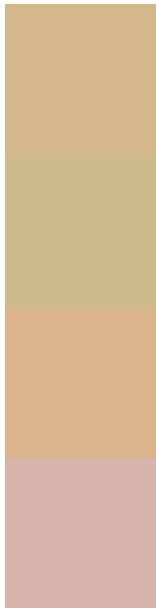
50.0362, 0.3856, 0.3775



Tritanopia

49.9576, 0.3363, 0.3126

Trichromacy



Original Color

49.9648, 0.3747, 0.3853

Protanomaly

49.9610, 0.3676, 0.3875

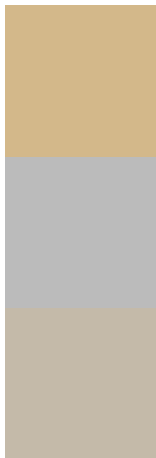
Deuteranomaly

49.8173, 0.3815, 0.3794

Tritanomaly

50.0681, 0.3504, 0.3387

Monochromacy



Original Color

49.9648, 0.3747, 0.3853

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7181, 0.3348, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9648, 0.3747, 0.3853 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, 184, 138)` looks like.

```
.text, #text, p{  
    color:rgb(211, 184, 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(211, 184, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 184, 138) }
```

Border

The CSS property to change the border of an element to Yxy 49.9648, 0.3747, 0.3853 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, 184, 138) }
```

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

```
.border{ border-color:rgb(211, 184, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 184, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 184, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 184, 138);  
box-shadow:4px 4px 4px 4px rgb(211, 184,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9648, 0.3747, 0.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 184, 138) }
```

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

```
.background{ background-color: rgb(211,  
184, 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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