

Converting Colors

$Y_{xy}(48.8845, 0.3726, 0.3627)$

Have a look what the booklet for
Yxy(48.8845, 0.3726, 0.3627)
contains.

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Color

Yxy(48.9482, 0.3731, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	DAB296
RGB	218, 178, 150
RGB Percent	85%, 70%, 59%
CMY	0.1451, 0.3019, 0.4119
CMYK	0.00, 0.18, 0.31, 0.15
HSL	25°, 48%, 72%
HSV	25°, 31%, 85%
XYZ	50.3379, 48.9482, 35.6318
YIQ	186.7680, 32.8280, -0.2280

Conversions

Conversions Part 2

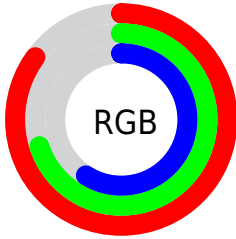
Format	Color
R _Y B	218, 198, 150
Decimal	14332566
CIE Lab	75.42, 10.49, 19.80
CIE LCh	75, 22.402, 62.088
Yxy	48.9482, 0.3731, 0.3628
Android (android.graphics.Color)	4292522646 (0xFFDAB296)
YUV	186.7680, -18.1266, 27.3905
Hunter-Lab	69.9630, 5.9942, 18.7780

Details

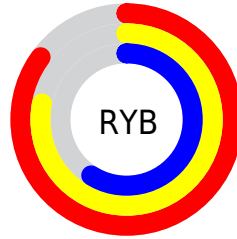
The Yxy color **48.9482, 0.3731, 0.3628** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.3533, 0.2639, 0.2924**, and the grayscale version is **49.6467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4653, 0.3468, 0.3592**, and **23.2495, 0.3903, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **43.4483, 0.3986, 0.3740**, and if you desaturate by 10%, it is **55.0598, 0.3507, 0.3515**.

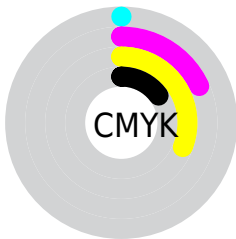
Distribution



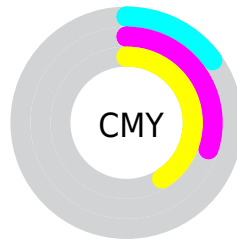
- Red (85%)
- Green (70%)
- Blue (59%)



- Red (85%)
- Yellow (78%)
- Blue (59%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (15%)




- Cyan (15%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.9482, 0.3731, 0.3628 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 48.9482, 0.3731, 0.3628 by changing the saturation by 10% instead.


 48.9482, 0.3731,
0.3628


 48.9482, 0.3731,
0.3628

382.5384, 0.3430,
0.3467

 34.5784, 0.3805,
0.3665


 88.6145, 0.3622,
0.3572

 23.3383, 0.3900,
0.3711


 114.6798, 0.3581,
0.3550

 14.8435, 0.4025,
0.3769


145.4124, 0.3546,
0.3531

 8.7096, 0.4196,
0.3843

181.1966, 0.3516,
0.3515

 4.5523, 0.4442,
0.3938

222.4170, 0.3490,
0.3501

 1.9870, 0.4897,
0.4119

269.4578, 0.3468,

 0.5999, 0.5793,

0.3488

0.4207

322.7034, 0.3448,
0.3477

0.0000, 0.0000,
0.0000

48.9482, 0.3731,
0.3628

48.9482, 0.3731,
0.3628

43.4483, 0.3986,
0.3740

55.0598, 0.3507,
0.3515

38.5329, 0.4271,
0.3843

61.7955, 0.3313,
0.3406

34.1830, 0.4579,
0.3928

69.1757, 0.3146,
0.3302

30.3753, 0.4897,
0.3981

77.2180, 0.3002,
0.3206

27.0847, 0.5205,
0.3991

85.6810, 0.2901,
0.3157

■ 24.2832, 0.5478,
0.3947

■ 93.5828, 0.2906,
0.3288

■ 22.1938, 0.5680,
0.3872

■ 93.6466, 0.2906,
0.3289

Harmonies

Analogous

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



48.9482, 0.3704, 0.3384



48.9482, 0.3731, 0.3628



48.9482, 0.3588, 0.3799

Triad

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



48.9482, 0.3731, 0.3628



48.9482, 0.2747, 0.3444



48.9482, 0.2910, 0.2801

Complementary

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



48.9482, 0.3731, 0.3628



48.3533, 0.2639, 0.2924

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.



48.9482, 0.2673, 0.2795



48.9482, 0.3731, 0.3628



48.9482, 0.2582, 0.3150

Square

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



48.9482, 0.3731, 0.3628



48.9482, 0.3016, 0.3704



48.9482, 0.2556, 0.2916



48.9482, 0.3218, 0.2922

Rectangle

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



48.9482, 0.3731, 0.3628



48.9482, 0.3421, 0.3841



48.9482, 0.2556, 0.2916



48.9482, 0.2820, 0.2785

Sweetspot

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



48.9505, 0.3731, 0.3628



90.3012, 0.3275, 0.3383



40.4590, 0.3415, 0.2809



19.0080, 0.3301, 0.3399



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.



48.9505, 0.3731, 0.3628



64.9148, 0.3883, 0.3697



63.7967, 0.3618, 0.3996



13.9286, 0.3281, 0.3387



13.4959, 0.5654, 0.3892



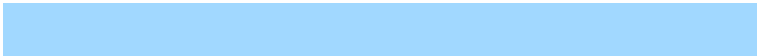
1.0415, 0.5361, 0.4125

Inverse Universe

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



48.3533, 0.2639, 0.2924



63.9310, 0.2544, 0.2840



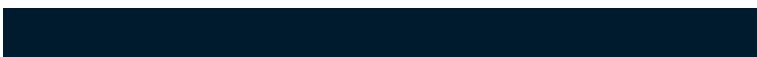
35.5773, 0.2585, 0.2470



13.8829, 0.2982, 0.3191



12.5224, 0.1858, 0.1887



0.9795, 0.1928, 0.2139

Previews

White Background



This preview shows how the Yxy color 48.9482, 0.3731, 0.3628 looks on a white background.

Color Contrast Check

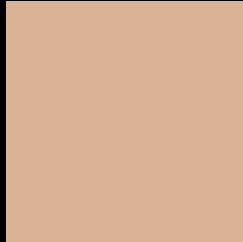
Large Text (above 18pt) WCAG AA × Fail

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 48.9482, 0.3731, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

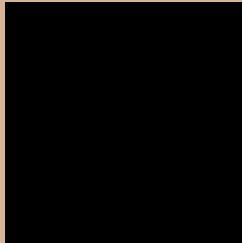
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.9482, 0.3731, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 48.9482, 0.3731, 0.3628.



This preview shows how white text looks on a background with the Yxy color 48.9482, 0.3731, 0.3628.

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

48.9482, 0.3731, 0.3628

Protanopia

49.3212, 0.3480, 0.3698

Deuteranopia

49.0411, 0.3709, 0.3642



Tritanopia

48.9619, 0.3458, 0.3139

Trichromacy



Original Color

48.9482, 0.3731, 0.3628

Protanomaly

49.1460, 0.3569, 0.3665

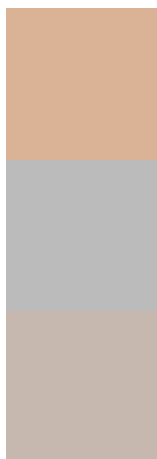
Deuteranomaly

49.1939, 0.3718, 0.3640

Tritanomaly

49.0492, 0.3561, 0.3315

Monochromacy



Original Color

48.9482, 0.3731, 0.3628

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.3427, 0.3328, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9482, 0.3731, 0.3628 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, 178, 150)` looks like.

```
.text, #text, p{  
    color:rgb(218, 178, 150)  
}
```

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, 178, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 178, 150) }
```

Border

The CSS property to change the border of an element to Yxy 48.9482, 0.3731, 0.3628 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, 178, 150) }
```

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

```
.border{ border-color:rgb(218, 178, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 178, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 178, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 178, 150);  
box-shadow:4px 4px 4px 4px rgb(218, 178,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9482, 0.3731, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 178, 150) }
```

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

```
.background{ background-color: rgb(218,  
178, 150) }
```

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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