

Converting Colors

$Yxy(48.2930, 0.3857, 0.3759)$

Have a look what the booklet for
Yxy(48.2930, 0.3857, 0.3759)
contains.

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Color

Yxy(48.3393, 0.3850, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	DBB18A
RGB	219, 177, 138
RGB Percent	86%, 69%, 54%
CMY	0.1412, 0.3059, 0.4588
CMYK	0.00, 0.19, 0.37, 0.14
HSL	29°, 53%, 70%
HSV	29°, 37%, 86%
XYZ	49.5227, 48.3393, 30.7684
YIQ	185.1120, 37.5510, -3.2250

Conversions

Conversions Part 2

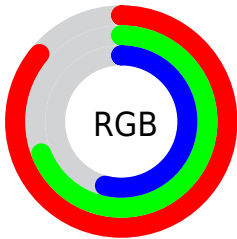
Format	Color
R _Y B	219, 213, 138
Decimal	14397834
CIE Lab	75.04, 9.93, 25.72
CIE LCh	75, 27.570, 68.885
Yxy	48.3393, 0.3850, 0.3758
Android (android.graphics.Color)	4292587914 (0xFFDDBB18A)
YUV	185.1120, -23.2262, 29.7198
Hunter-Lab	69.5265, 5.4716, 22.4302

Details

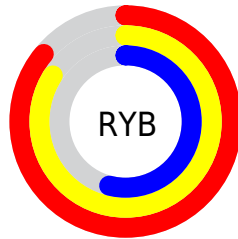
The Yxy color **48.3393, 0.3850, 0.3758** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.1612, 0.2538, 0.2767**, and the grayscale version is **48.6988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3436, 0.3551, 0.3704**, and **22.9064, 0.4055, 0.3859** is the 20% darker color. If you saturate the color by 10%, you get **43.4690, 0.4104, 0.3883**, and if you desaturate by 10%, it is **53.7153, 0.3620, 0.3627**.

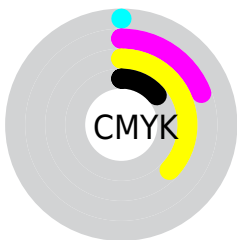
Distribution



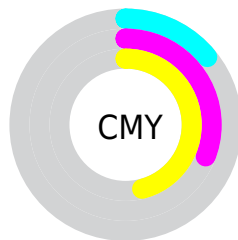
- Red (86%)
- Green (69%)
- Blue (54%)



- Red (86%)
- Yellow (84%)
- Blue (54%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (14%)





- Cyan (14%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3393, 0.3850, 0.3758 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 48.3393, 0.3850, 0.3758 by changing the saturation by 10% instead.


 48.3393, 0.3850,
0.3758

 48.3393, 0.3850,
0.3758


380.1355, 0.3490,
0.3535


 34.0957, 0.3938,
0.3809


 87.7094, 0.3720,
0.3680

 22.9671, 0.4050,
0.3872


 113.6046, 0.3671,
0.3650

 14.5692, 0.4195,
0.3950


 144.1525, 0.3630,
0.3624

 8.5176, 0.4391,
0.4047

179.7374, 0.3594,
0.3602

 4.4279, 0.4665,
0.4166

220.7438, 0.3563,
0.3582

 1.9157, 0.5390,
0.4575

267.5560, 0.3536,

 0.5578, 0.5807,

0.3565

0.4193

320.5584, 0.3512,
0.3549

0.0000, 0.0000,
0.0000

48.3393, 0.3850,
0.3758

48.3393, 0.3850,
0.3758

43.4690, 0.4104,
0.3883

53.7153, 0.3620,
0.3627

39.0808, 0.4379,
0.3994

59.6060, 0.3417,
0.3498

35.1591, 0.4663,
0.4078


66.0287, 0.3238,
0.3373

31.6843, 0.4943,
0.4123


72.9976, 0.3082,
0.3255


28.6349, 0.5200,
0.4117

80.5266, 0.2948,
0.3146

 25.9853, 0.5417,
0.4056

 87.6656, 0.2908,
0.3189

 25.2546, 0.5478,
0.4032

 93.7995, 0.2911,
0.3289

Harmonies

Analogous

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



48.3393, 0.3869, 0.3470



48.3393, 0.3850, 0.3758



48.3393, 0.3629, 0.3946

Triad

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



48.3393, 0.3850, 0.3758



48.3393, 0.2600, 0.3395



48.3393, 0.2939, 0.2717

Complementary

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



48.3393, 0.3850, 0.3758



43.1612, 0.2538, 0.2767

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.



48.3393, 0.2624, 0.2673



48.3393, 0.3850, 0.3758



48.3393, 0.2438, 0.3037

Square

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



48.3393, 0.3850, 0.3758



48.3393, 0.2904, 0.3745



48.3393, 0.2447, 0.2780



48.3393, 0.3325, 0.2891

Rectangle

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



48.3393, 0.3850, 0.3758



48.3393, 0.3405, 0.3973



48.3393, 0.2447, 0.2780



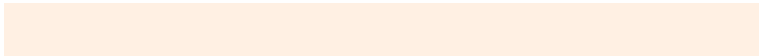
48.3393, 0.2822, 0.2686

Sweetspot

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



48.3416, 0.3850, 0.3758



89.3926, 0.3309, 0.3423



36.5840, 0.3544, 0.2778



18.8679, 0.3333, 0.3440



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.



48.3416, 0.3850, 0.3758



63.0906, 0.4036, 0.3852



66.1588, 0.3691, 0.4179



14.0810, 0.3280, 0.3403



15.1924, 0.5454, 0.4051



1.1562, 0.5195, 0.4257

Inverse Universe

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



43.1612, 0.2538, 0.2767



54.8030, 0.2420, 0.2640



29.4828, 0.2459, 0.2213



13.7284, 0.2982, 0.3175



10.3290, 0.1791, 0.1647



0.8415, 0.1871, 0.1935

Previews

White Background



This preview shows how the Yxy color 48.3393, 0.3850, 0.3758 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 48.3393, 0.3850, 0.3758 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 48.3393, 0.3850, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 48.3393, 0.3850, 0.3758.



This preview shows how white text looks on a background with the Yxy color 48.3393, 0.3850, 0.3758.

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

48.3393, 0.3850, 0.3758

Protanopia

48.6268, 0.3599, 0.3851

Deuteranopia

48.1847, 0.3841, 0.3760



Tritanopia

48.4338, 0.3498, 0.3140

Trichromacy



Original Color

48.3393, 0.3850, 0.3758

Protanomaly

48.4712, 0.3692, 0.3814

Deuteranomaly

48.1847, 0.3841, 0.3760

Tritanomaly

48.2068, 0.3630, 0.3362

Monochromacy



Original Color

48.3393, 0.3850, 0.3758

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.1534, 0.3372, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3393, 0.3850, 0.3758 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(219, 177, 138)` looks like.

```
.text, #text, p{  
    color:rgb(219, 177, 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(219, 177, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 177, 138) }
```

Border

The CSS property to change the border of an element to Yxy 48.3393, 0.3850, 0.3758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

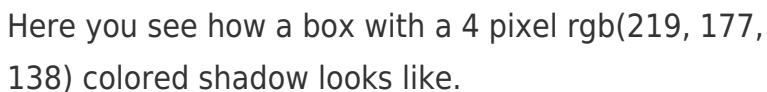
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 177, 138) }
```

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

```
.border{ border-color:rgb(219, 177, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 177, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 177, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 177, 138); box-shadow:4px 4px 4px 4px rgb(219, 177, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3393, 0.3850, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 177, 138) }
```

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

```
.background{ background-color: rgb(219,  
177, 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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