

Converting Colors

$Yxy(50.1107, 0.3825, 0.3737)$

Have a look what the booklet for
Yxy(50.1107, 0.3825, 0.3737)
contains.

Yxy(50.1251, 0.3830, 0.3740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.1251, 0.3830, 0.3740)

Conversions

Conversions Part 1

Format	Color
Hex	DEB48E
RGB	222, 180, 142
RGB Percent	87%, 71%, 56%
CMY	0.1294, 0.2941, 0.4431
CMYK	0.00, 0.19, 0.36, 0.13
HSL	28°, 55%, 71%
HSV	28°, 36%, 87%
XYZ	51.3313, 50.1251, 32.5679
YIQ	188.2260, 37.2300, -2.9140

Conversions

Conversions Part 2

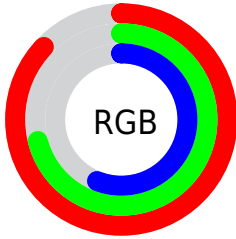
Format	Color
R _Y B	222, 214, 142
Decimal	14595214
CIE Lab	76.15, 10.00, 25.12
CIE LCh	76, 27.035, 68.297
Yxy	50.1251, 0.3830, 0.3740
Android (android.graphics.Color)	4292785294 (0xFFDEB48E)
YUV	188.2260, -22.7894, 29.6198
Hunter-Lab	70.7991, 5.5191, 22.2857

Details

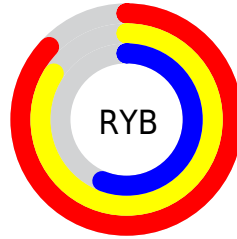
The Yxy color **50.1251, 0.3830, 0.3740** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.3201, 0.2554, 0.2789**, and the grayscale version is **50.5432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2364, 0.3518, 0.3693**, and **23.9334, 0.4023, 0.3852** is the 20% darker color. If you saturate the color by 10%, you get **45.0141, 0.4084, 0.3865**, and if you desaturate by 10%, it is **55.7696, 0.3601, 0.3611**.

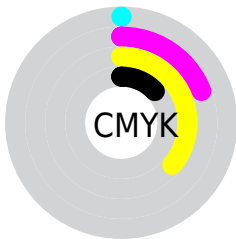
Distribution



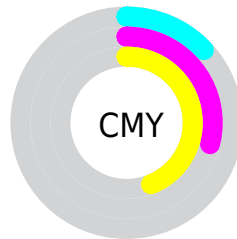
- Red (87%)
- Green (71%)
- Blue (56%)



- Red (87%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (13%)





- Cyan (13%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1251, 0.3830, 0.3740 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 50.1251, 0.3830, 0.3740 by changing the saturation by 10% instead.


 50.1251, 0.3830,
0.3740


 50.1251, 0.3830,
0.3740


387.1550, 0.3482,
0.3527

 35.5128, 0.3915,
0.3789


 90.3602, 0.3705,
0.3666

 24.0582, 0.4022,
0.3848


 116.7518, 0.3658,
0.3637

 15.3768, 0.4161,
0.3922


147.8386, 0.3617,
0.3612

 9.0842, 0.4349,
0.4015

184.0051, 0.3583,
0.3591

 4.7962, 0.4610,
0.4130

225.6355, 0.3553,
0.3572

 2.1282, 0.5182,
0.4423

273.1144, 0.3526,

 0.6804, 0.5672,

0.3555

0.4328

326.8261, 0.3503,
0.3540

0.0000, 0.0000,
0.0000

50.1251, 0.3830,
0.3740

50.1251, 0.3830,
0.3740

45.0141, 0.4084,
0.3865

55.7696, 0.3601,
0.3611

40.4120, 0.4360,
0.3975

61.9573, 0.3399,
0.3483

36.3023, 0.4647,
0.4061

68.7063, 0.3222,
0.3360

32.6646, 0.4932,
0.4108

76.0316, 0.3069,
0.3245

29.4763, 0.5195,
0.4106

83.9476, 0.2936,
0.3138

■ 26.7116, 0.5418,
0.4048

■ 91.0964, 0.2928,
0.3238

■ 25.7189, 0.5499,
0.4016

■ 94.2712, 0.2929,
0.3289

Harmonies

Analogous

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



50.1251, 0.3844, 0.3460



50.1251, 0.3830, 0.3740



50.1251, 0.3620, 0.3923

Triad

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



50.1251, 0.3830, 0.3740



50.1251, 0.2621, 0.3399



50.1251, 0.2938, 0.2731

Complementary

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



50.1251, 0.3830, 0.3740



45.3201, 0.2554, 0.2789

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.



50.1251, 0.2634, 0.2691



50.1251, 0.3830, 0.3740



50.1251, 0.2460, 0.3052

Square

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



50.1251, 0.3830, 0.3740



50.1251, 0.2918, 0.3735



50.1251, 0.2465, 0.2800



50.1251, 0.3311, 0.2899

Rectangle

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



50.1251, 0.3830, 0.3740



50.1251, 0.3404, 0.3952



50.1251, 0.2465, 0.2800



50.1251, 0.2825, 0.2702

Sweetspot

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



50.1274, 0.3830, 0.3740



89.2817, 0.3309, 0.3422



38.3724, 0.3530, 0.2791



18.8415, 0.3333, 0.3438



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.



50.1274, 0.3830, 0.3740



63.4357, 0.4013, 0.3832



68.3274, 0.3677, 0.4157



14.7686, 0.3280, 0.3402



15.4944, 0.5475, 0.4034



1.2524, 0.5227, 0.4232

Inverse Universe

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



45.3201, 0.2554, 0.2789



55.9534, 0.2437, 0.2667



31.1819, 0.2478, 0.2245



14.4287, 0.2981, 0.3176



10.8575, 0.1797, 0.1668



0.9316, 0.1872, 0.1937

Previews

White Background



This preview shows how the Yxy color 50.1251, 0.3830, 0.3740 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 50.1251, 0.3830, 0.3740 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 50.1251, 0.3830, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 50.1251, 0.3830, 0.3740.



This preview shows how white text looks on a background with the Yxy color 50.1251, 0.3830, 0.3740.

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

50.1251, 0.3830, 0.3740

Protanopia

50.4593, 0.3576, 0.3818

Deuteranopia

49.9677, 0.3821, 0.3742



Tritanopia

50.1909, 0.3492, 0.3142

Trichromacy



Original Color

50.1251, 0.3830, 0.3740

Protanomaly

50.2976, 0.3666, 0.3782

Deuteranomaly

49.9677, 0.3821, 0.3742

Tritanomaly

49.9985, 0.3613, 0.3350

Monochromacy



Original Color

50.1251, 0.3830, 0.3740

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.9176, 0.3368, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1251, 0.3830, 0.3740 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(222, 180, 142)` looks like.

```
.text, #text, p{  
    color:rgb(222, 180, 142)  
}
```

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(222, 180, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 180, 142) }
```

Border

The CSS property to change the border of an element to Yxy 50.1251, 0.3830, 0.3740 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(222, 180, 142) }
```

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

```
.border{ border-color:rgb(222, 180, 142) }
```

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

Here you see how a box with a 4 pixel rgb(222, 180, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 180, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 180, 142);  
box-shadow:4px 4px 4px 4px rgb(222, 180,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1251, 0.3830, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 180, 142) }
```

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

```
.background{ background-color: rgb(222,  
180, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor