

Converting Colors

Yxy(51.3105, 0.3738, 0.3783)

Have a look what the booklet for
Yxy(51.3105, 0.3738, 0.3783)
contains.

Yxy(51.3105, 0.3738, 0.3783)	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(51.3105, 0.3738, 0.3783)

Conversions

Conversions Part 1

Format	Color
Hex	D8B990
RGB	216, 185, 144
RGB Percent	85%, 73%, 56%
CMY	0.1530, 0.2745, 0.4352
CMYK	0.00, 0.14, 0.33, 0.15
HSL	34°, 48%, 71%
HSV	34°, 33%, 85%
XYZ	50.7001, 51.3105, 33.6238
YIQ	189.5950, 31.6370, -6.1790

Conversions

Conversions Part 2

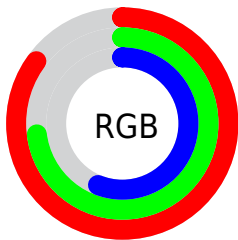
Format	Color
R _Y B	198, 216, 144
Decimal	14203280
CIE Lab	76.87, 5.22, 24.93
CIE LCh	77, 25.471, 78.185
Yxy	51.3105, 0.3738, 0.3783
Android (android.graphics.Color)	4292393360 (0xFFD8B990)
YUV	189.5950, -22.4783, 23.1572
Hunter-Lab	71.6313, 0.9861, 22.3112

Details

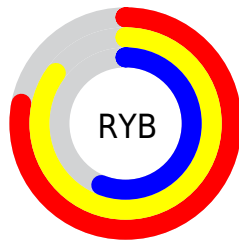
The Yxy color **51.3105, 0.3738, 0.3783** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.5466, 0.2586, 0.2739**, and the grayscale version is **51.3668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2478, 0.3494, 0.3720**, and **24.7664, 0.3904, 0.3911** is the 20% darker color. If you saturate the color by 10%, you get **46.9504, 0.3964, 0.3933**, and if you desaturate by 10%, it is **56.0560, 0.3531, 0.3630**.

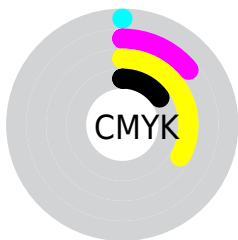
Distribution



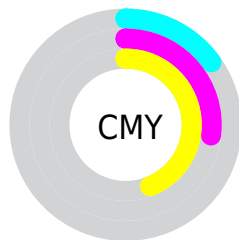
- Red (85%)
- Green (73%)
- Blue (56%)



- Red (78%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (14%)
- Yellow (33%)
- Black (15%)





- Cyan (15%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3105, 0.3738, 0.3783 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 51.3105, 0.3738, 0.3783 by changing the saturation by 10% instead.


 51.3105, 0.3738,
0.3783

 51.3105, 0.3738,
0.3783


391.7689, 0.3438,
0.3546

 36.4558, 0.3810,
0.3838


 92.1136, 0.3631,
0.3700

 24.7864, 0.3902,
0.3907


 118.8307, 0.3590,
0.3667

 15.9180, 0.4020,
0.3994


150.2708, 0.3555,
0.3640

 9.4661, 0.4178,
0.4107

186.8182, 0.3525,
0.3616

 5.0465, 0.4397,
0.4255

228.8573, 0.3499,
0.3595

 2.2745, 0.4844,
0.4573

276.7726, 0.3476,

 0.7602, 0.5278,

0.3577

0.4722

330.9483, 0.3456,
0.3561

0.0000, 0.0000,
0.0000

51.3105, 0.3738,
0.3783

51.3105, 0.3738,
0.3783

46.9504, 0.3964,
0.3933

56.0560, 0.3531,
0.3630

42.9567, 0.4204,
0.4070

61.1913, 0.3344,
0.3480

39.3187, 0.4450,
0.4185


66.7294, 0.3178,
0.3336

36.0225, 0.4692,
0.4264


72.6805, 0.3031,
0.3201


33.0523, 0.4915,
0.4298

79.0546, 0.2902,
0.3075

 30.3904, 0.5106,
0.4277

 84.6037, 0.2888,
0.3143

 28.7675, 0.5217,
0.4240

 90.2426, 0.2892,
0.3239

 93.3370, 0.2894,
0.3289

Harmonies

Analogous

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



51.3105, 0.3815, 0.3543



51.3105, 0.3738, 0.3783



51.3105, 0.3495, 0.3905

Triad

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



51.3105, 0.3738, 0.3783



51.3105, 0.2587, 0.3281



51.3105, 0.3063, 0.2805

Complementary

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



51.3105, 0.3738, 0.3783



41.5466, 0.2586, 0.2739

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.



51.3105, 0.2748, 0.2725



51.3105, 0.3738, 0.3783



51.3105, 0.2485, 0.2978

Square

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



51.3105, 0.3738, 0.3783



51.3105, 0.2830, 0.3611



51.3105, 0.2542, 0.2782



51.3105, 0.3413, 0.2996

Rectangle

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



51.3105, 0.3738, 0.3783



51.3105, 0.3276, 0.3888



51.3105, 0.2542, 0.2782



51.3105, 0.2950, 0.2764

Sweetspot

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



51.3129, 0.3738, 0.3783



91.6608, 0.3288, 0.3433



37.6521, 0.3564, 0.2914



19.3787, 0.3313, 0.3453



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.



51.3129, 0.3738, 0.3783



70.1958, 0.3896, 0.3889



64.9964, 0.3589, 0.4128



13.5831, 0.3277, 0.3423



17.2478, 0.5197, 0.4255



1.2033, 0.4977, 0.4430

Inverse Universe

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



41.5466, 0.2586, 0.2739



53.8816, 0.2466, 0.2599



31.2814, 0.2569, 0.2314



12.8790, 0.2982, 0.3154



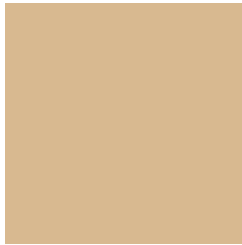
7.7710, 0.1712, 0.1364



0.6313, 0.1807, 0.1703

Previews

White Background



This preview shows how the Yxy color 51.3105, 0.3738, 0.3783 looks on a white background.

Color Contrast Check

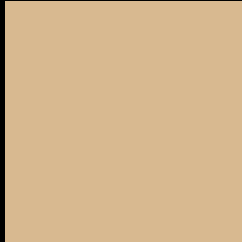
Large Text (above 18pt) WCAG AA × Fail

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 51.3105, 0.3738, 0.3783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

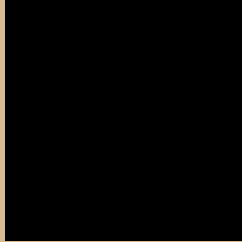
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3105, 0.3738, 0.3783

Background



This preview shows how black text looks on a background with the Yxy color 51.3105, 0.3738, 0.3783.



This preview shows how white text looks on a background with the Yxy color 51.3105, 0.3738, 0.3783.

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

51.3105, 0.3738, 0.3783

Protanopia

51.5987, 0.3587, 0.3838

Deuteranopia

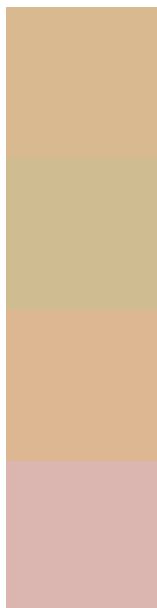
51.1882, 0.3805, 0.3726



Tritanopia

51.0187, 0.3388, 0.3129

Trichromacy



Original Color

51.3105, 0.3738, 0.3783

Protanomaly

51.4207, 0.3647, 0.3819

Deuteranomaly

51.1270, 0.3774, 0.3742

Tritanomaly

51.2030, 0.3511, 0.3362

Monochromacy



Original Color

51.3105, 0.3738, 0.3783

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1257, 0.3338, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3105, 0.3738, 0.3783 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(216, 185, 144)` looks like.

```
.text, #text, p{  
    color:rgb(216, 185, 144)  
}
```

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(216, 185, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 185, 144) }
```

Border

The CSS property to change the border of an element to Yxy 51.3105, 0.3738, 0.3783 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(216, 185, 144) }
```

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

```
.border{ border-color:rgb(216, 185, 144) }
```

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

Here you see how a box with a 4 pixel rgb(216, 185, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 185, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 185, 144);  
box-shadow:4px 4px 4px 4px rgb(216, 185,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3105, 0.3738, 0.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 185, 144) }
```

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

```
.background{ background-color: rgb(216,  
185, 144) }
```

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