

Converting Colors

$Yxy(50.1975, 0.3868, 0.3823)$

Have a look what the booklet for
Yxy(50.1975, 0.3868, 0.3823)
contains.

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Color

Yxy(50.1975, 0.3868, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	DDB588
RGB	221, 181, 136
RGB Percent	87%, 71%, 53%
CMY	0.1333, 0.2902, 0.4665
CMYK	0.00, 0.18, 0.38, 0.13
HSL	32°, 56%, 70%
HSV	32°, 38%, 87%
XYZ	50.7884, 50.1975, 30.3181
YIQ	187.8300, 38.2850, -5.5150

Conversions

Conversions Part 2

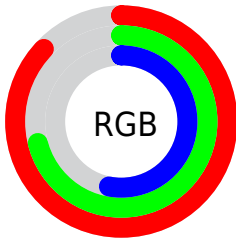
Format	Color
R_{YB}	212, 221, 136
Decimal	14529928
CIE _{Lab}	76.19, 8.37, 28.35
CIE _{LCh}	76, 29.557, 73.559
Yxy	50.1975, 0.3868, 0.3823
Android (android.graphics.Color)	4292720008 (0xFFDDB588)
YUV	187.8300, -25.5522, 29.0901
Hunter-Lab	70.8502, 3.9684, 24.2239

Details

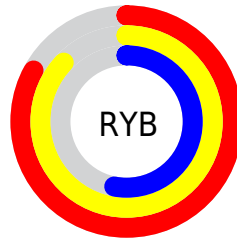
The Yxy color **50.1975, 0.3868, 0.3823** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.5211, 0.2505, 0.2685**, and the grayscale version is **50.3221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5461, 0.3555, 0.3763**, and **24.0027, 0.4061, 0.3945** is the 20% darker color. If you saturate the color by 10%, you get **45.5605, 0.4113, 0.3958**, and if you desaturate by 10%, it is **55.2847, 0.3643, 0.3681**.

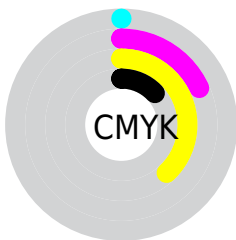
Distribution



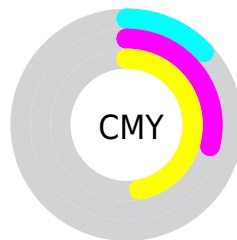
- Red (87%)
- Green (71%)
- Blue (53%)



- Red (83%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (13%)





- Cyan (13%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1975, 0.3868, 0.3823 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 50.1975, 0.3868, 0.3823 by changing the saturation by 10% instead.


 50.1975, 0.3868,
0.3823


 50.1975, 0.3868,
0.3823


387.4378, 0.3503,
0.3570

 35.5704, 0.3956,
0.3881


 90.4674, 0.3737,
0.3735

 24.1026, 0.4067,
0.3952


 116.8790, 0.3688,
0.3701

 15.4097, 0.4210,
0.4039


 147.9875, 0.3645,
0.3671

 9.1074, 0.4400,
0.4149

184.1773, 0.3609,
0.3646

 4.8113, 0.4658,
0.4282

225.8329, 0.3577,
0.3623

 2.1370, 0.5312,
0.4688

273.3385, 0.3549,

 0.6853, 0.5553,

0.3603

0.4447

327.0787, 0.3525,
0.3586

0.0000, 0.0000,
0.0000

50.1975, 0.3868,
0.3823

50.1975, 0.3868,
0.3823

45.5605, 0.4113,
0.3958

55.2847, 0.3643,
0.3681

41.3518, 0.4372,
0.4077

60.8291, 0.3441,
0.3538

37.5577, 0.4636,
0.4166

66.8462, 0.3262,
0.3401

34.1608, 0.4890,
0.4214

73.3485, 0.3104,
0.3270

31.1415, 0.5118,
0.4211

80.3483, 0.2966,
0.3149

■ 28.4742, 0.5309,
0.4155

■ 86.9472, 0.2920,
0.3171

■ 28.0864, 0.5337,
0.4144

■ 93.3660, 0.2923,
0.3278

■ 94.1120, 0.2923,
0.3289

Harmonies

Analogous

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



50.1975, 0.3926, 0.3528



50.1975, 0.3868, 0.3823



50.1975, 0.3606, 0.4000

Triad

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



50.1975, 0.3868, 0.3823



50.1975, 0.2533, 0.3337



50.1975, 0.2988, 0.2706

Complementary

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



50.1975, 0.3868, 0.3823



41.5211, 0.2505, 0.2685

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.



50.1975, 0.2639, 0.2636



50.1975, 0.3868, 0.3823



50.1975, 0.2390, 0.2969

Square

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



50.1975, 0.3868, 0.3823



50.1975, 0.2833, 0.3722



50.1975, 0.2428, 0.2722



50.1975, 0.3399, 0.2908

Rectangle

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



50.1975, 0.3868, 0.3823



50.1975, 0.3359, 0.4008



50.1975, 0.2428, 0.2722



50.1975, 0.2860, 0.2667

Sweetspot

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



50.1999, 0.3868, 0.3823



89.3348, 0.3325, 0.3450



36.1692, 0.3613, 0.2806



18.8855, 0.3348, 0.3468



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.



50.1999, 0.3868, 0.3823



64.2939, 0.4061, 0.3931



68.6415, 0.3691, 0.4244



14.1866, 0.3278, 0.3414



16.5449, 0.5315, 0.4162



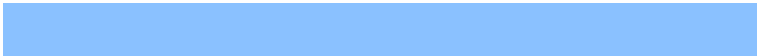
1.2439, 0.5083, 0.4346

Inverse Universe

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



41.5211, 0.2505, 0.2685



50.7015, 0.2375, 0.2534



28.1960, 0.2432, 0.2126



13.6229, 0.2982, 0.3163



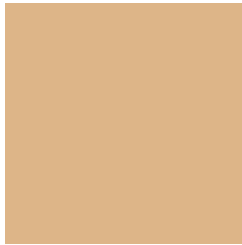
9.0111, 0.1747, 0.1489



0.7554, 0.1832, 0.1796

Previews

White Background



This preview shows how the Yxy color 50.1975, 0.3868, 0.3823 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 50.1975, 0.3868, 0.3823 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 50.1975, 0.3868, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 50.1975, 0.3868, 0.3823.



This preview shows how white text looks on a background with the Yxy color 50.1975, 0.3868, 0.3823.

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

50.1975, 0.3868, 0.3823

Protanopia

50.3871, 0.3642, 0.3904

Deuteranopia

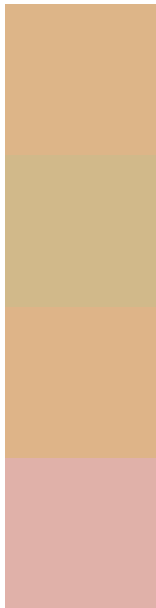
50.1081, 0.3891, 0.3808



Tritanopia

50.0717, 0.3474, 0.3130

Trichromacy



Original Color

50.1975, 0.3868, 0.3823

Protanomaly

50.0882, 0.3725, 0.3868

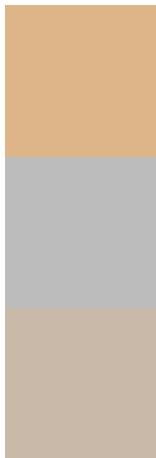
Deuteranomaly

49.9497, 0.3882, 0.3810

Tritanomaly

50.1561, 0.3619, 0.3385

Monochromacy



Original Color

50.1975, 0.3868, 0.3823

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.8419, 0.3385, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1975, 0.3868, 0.3823 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(221, 181, 136)` looks like.

```
.text, #text, p{  
    color:rgb(221, 181, 136)  
}
```

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(221, 181, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 181, 136) }
```

Border

The CSS property to change the border of an element to Yxy 50.1975, 0.3868, 0.3823 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(221, 181, 136) }
```

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

```
.border{ border-color:rgb(221, 181, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 181, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 181, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 181, 136);  
box-shadow:4px 4px 4px 4px rgb(221, 181,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1975, 0.3868, 0.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 181, 136) }
```

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

```
.background{ background-color: rgb(221,  
181, 136) }
```

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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