

Converting Colors

$Yxy(52.0831, 0.3840, 0.3992)$

Have a look what the booklet for
Yxy(52.0831, 0.3840, 0.3992)
contains.

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Color

Yxy(51.9985, 0.3840, 0.3996)

Conversions

Conversions Part 1

Format	Color
Hex	D7BC81
RGB	215, 188, 129
RGB Percent	84%, 74%, 51%
CMY	0.1569, 0.2627, 0.4943
CMYK	0.00, 0.13, 0.40, 0.16
HSL	41°, 52%, 67%
HSV	41°, 40%, 84%
XYZ	49.9685, 51.9985, 28.1593
YIQ	189.3470, 35.0310, -12.6250

Conversions

Conversions Part 2

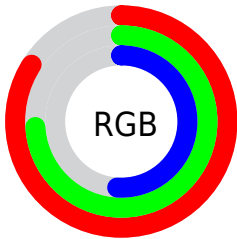
Format	Color
RYB	168, 215, 129
Decimal	14138497
CIELab	77.28, 1.47, 33.40
CIElCh	77, 33.436, 87.474
Yxy	51.9985, 0.3840, 0.3996
Android (android.graphics.Color)	4292328577 (0xFFD7BC81)
YUV	189.3470, -29.7511, 22.4977
Hunter-Lab	72.1100, -2.5011, 27.3239

Details

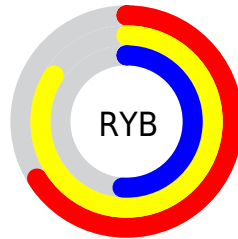
The Yxy color **51.9985, 0.3840, 0.3996** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.3345, 0.2450, 0.2460**, and the grayscale version is **51.2565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3388, 0.3589, 0.3909**, and **25.2634, 0.4020, 0.4167** is the 20% darker color. If you saturate the color by 10%, you get **48.6728, 0.4045, 0.4164**, and if you desaturate by 10%, it is **55.5841, 0.3642, 0.3818**.

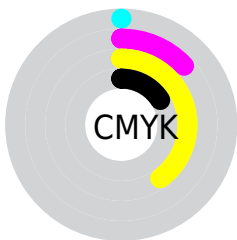
Distribution



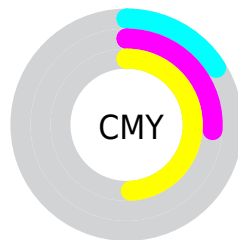
- Red (84%)
- Green (74%)
- Blue (51%)



- Red (66%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)
- Black (16%)




- Cyan (16%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9985, 0.3840, 0.3996 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 51.9985, 0.3840, 0.3996 by changing the saturation by 10% instead.


 51.9985, 0.3840,
0.3996


 51.9985, 0.3840,
0.3996


394.4308, 0.3495,
0.3657

 37.0039, 0.3921,
0.4075


 93.1290, 0.3718,
0.3877

 25.2105, 0.4021,
0.4171


 120.0337, 0.3672,
0.3831

 16.2340, 0.4146,
0.4292


 151.6772, 0.3632,
0.3791

 9.6899, 0.4307,
0.4445

188.4440, 0.3597,
0.3757

 5.1938, 0.4512,
0.4637

230.7183, 0.3567,
0.3727

 2.3614, 0.4950,
0.5050

278.8846, 0.3540,

 0.8059, 0.4988,

0.3701

0.5012

333.3273, 0.3516,
0.3678

0.0000, 0.0000,
0.0000

51.9985, 0.3840,
0.3996

51.9985, 0.3840,
0.3996

48.6728, 0.4045,
0.4164

55.5841, 0.3642,
0.3818

45.5903, 0.4249,
0.4311

59.4309, 0.3456,
0.3637

42.7430, 0.4445,
0.4426


63.5498, 0.3284,
0.3460


40.1194, 0.4621,
0.4499


67.9482, 0.3127,
0.3290


37.7061, 0.4769,
0.4522

72.6335, 0.2986,
0.3131

 35.4840, 0.4888,
0.4500

 77.4202, 0.2877,
0.3012

 81.2151, 0.2880,
0.3084

 85.1565, 0.2883,
0.3155

 89.2461, 0.2886,
0.3225

Harmonies

Analogous

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



51.9985, 0.4022, 0.3711



51.9985, 0.3840, 0.3996



51.9985, 0.3470, 0.4105

Triad

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



51.9985, 0.3840, 0.3996



51.9985, 0.2369, 0.3136



51.9985, 0.3181, 0.2731

Complementary

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



51.9985, 0.3840, 0.3996



33.3345, 0.2450, 0.2460

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.



51.9985, 0.2747, 0.2582



51.9985, 0.3840, 0.3996



51.9985, 0.2304, 0.2781

Square

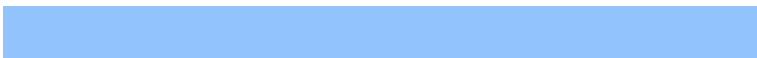
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.9985, 0.3840, 0.3996



51.9985, 0.2624, 0.3582



51.9985, 0.2437, 0.2592



51.9985, 0.3630, 0.3006

Rectangle

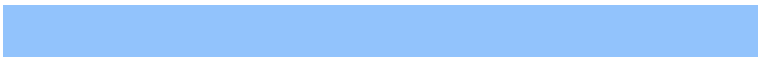
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.9985, 0.3840, 0.3996



51.9985, 0.3173, 0.4036



51.9985, 0.2437, 0.2592



51.9985, 0.3028, 0.2666

Sweetspot

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



52.0009, 0.3840, 0.3996



92.2100, 0.3319, 0.3496



32.5463, 0.3806, 0.2957



19.5631, 0.3341, 0.3520



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.



52.0009, 0.3840, 0.3996



72.3599, 0.4013, 0.4139



62.3594, 0.3595, 0.4322



13.8320, 0.3274, 0.3449



21.4206, 0.4875, 0.4511



1.4371, 0.4729, 0.4627

Inverse Universe

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



33.3345, 0.2450, 0.2460



41.3015, 0.2296, 0.2246



26.5939, 0.2518, 0.2109



12.6382, 0.2982, 0.3125



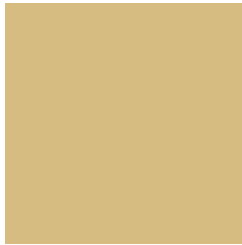
5.5364, 0.1622, 0.1040



0.4805, 0.1720, 0.1390

Previews

White Background



This preview shows how the Yxy color 51.9985, 0.3840, 0.3996 looks on a white background.

Color Contrast Check

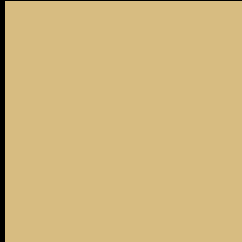
Large Text (above 18pt) WCAG AA × Fail

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 51.9985, 0.3840, 0.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

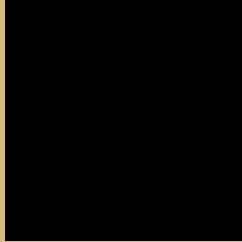
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9985, 0.3840, 0.3996

Background



This preview shows how black text looks on a background with the Yxy color 51.9985, 0.3840, 0.3996.



This preview shows how white text looks on a background with the Yxy color 51.9985, 0.3840, 0.3996.

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

51.9985, 0.3840, 0.3996

Protanopia

52.1387, 0.3747, 0.4037

Deuteranopia

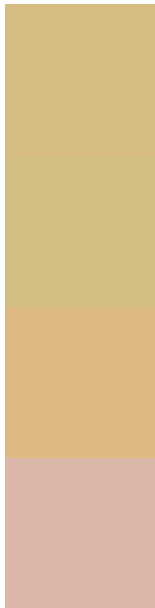
51.9727, 0.3973, 0.3899



Tritanopia

52.0672, 0.3377, 0.3129

Trichromacy



Original Color

51.9985, 0.3840, 0.3996

Protanomaly

52.1403, 0.3778, 0.4018

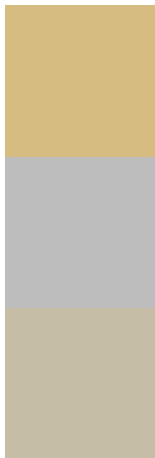
Deuteranomaly

51.9976, 0.3918, 0.3932

Tritanomaly

51.8293, 0.3549, 0.3445

Monochromacy



Original Color

51.9985, 0.3840, 0.3996

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1910, 0.3376, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9985, 0.3840, 0.3996 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(215, 188, 129)` looks like.

```
.text, #text, p{  
    color:rgb(215, 188, 129)  
}
```

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(215, 188, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 188, 129) }
```

Border

The CSS property to change the border of an element to Yxy 51.9985, 0.3840, 0.3996 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(215, 188, 129) }
```

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

```
.border{ border-color:rgb(215, 188, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 188, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 188, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 188, 129);  
box-shadow:4px 4px 4px 4px rgb(215, 188,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9985, 0.3840, 0.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 188, 129) }
```

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

```
.background{ background-color: rgb(215,  
188, 129) }
```

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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