

Converting Colors

$Yxy(40.4815, 0.3897, 0.3438)$

Have a look what the booklet for
Yxy(40.4815, 0.3897, 0.3438)
contains.

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Color

Yxy(40.4859, 0.3897, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	DB9B8F
RGB	219, 155, 143
RGB Percent	86%, 61%, 56%
CMY	0.1412, 0.3921, 0.4392
CMYK	0.00, 0.29, 0.35, 0.14
HSL	9°, 51%, 71%
HSV	9°, 35%, 86%
XYZ	45.8911, 40.4859, 31.3830
YIQ	172.7680, 41.9960, 9.8360

Conversions

Conversions Part 2

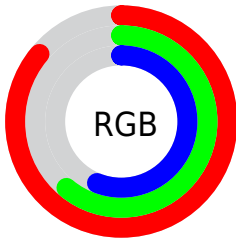
Format	Color
R _Y B	219, 157, 143
Decimal	14392207
CIE Lab	69.81, 22.36, 15.84
CIE LCh	70, 27.408, 35.315
Yxy	40.4859, 0.3897, 0.3438
Android (android.graphics.Color)	4292582287 (0xFFDB9B8F)
YUV	172.7680, -14.6756, 40.5455
Hunter-Lab	63.6285, 17.3904, 15.2968

Details

The Yxy color **40.4859, 0.3897, 0.3438** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.5730, 0.2618, 0.3135**, and the grayscale version is **41.7260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3844, 0.3568, 0.3425**, and **18.1722, 0.4129, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **34.2112, 0.4227, 0.3480**, and if you desaturate by 10%, it is **47.8313, 0.3620, 0.3394**.

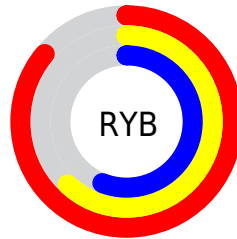
Distribution



Red (86%)

Green (61%)

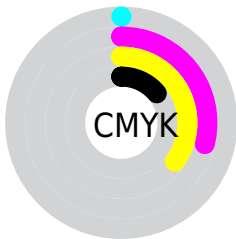
Blue (56%)



Red (86%)

Yellow (62%)

Blue (56%)

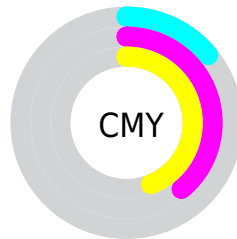


Cyan (0%)

Magenta (29%)

Yellow (35%)

Black (14%)



Cyan (14%)


Magenta (39%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4859, 0.3897, 0.3438 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 40.4859, 0.3897, 0.3438 by changing the saturation by 10% instead.


 40.4859, 0.3897,
0.3438


 40.4859, 0.3897,
0.3438

348.1673, 0.3499,
0.3374

 27.9176, 0.4000,
0.3450


 75.9029, 0.3750,
0.3417

 18.2636, 0.4134,
0.3464


 99.5203, 0.3695,
0.3409

 11.1394, 0.4315,
0.3477


127.5896, 0.3649,
0.3401

 6.1607, 0.4573,
0.3487

160.4951, 0.3610,
0.3394

 2.9430, 0.4963,
0.3480

198.6212, 0.3577,
0.3388

 1.1021, 0.6065,
0.3683

242.3524, 0.3547,

 0.0000, 1.0000,

0.3383

0.0000

292.0730, 0.3522,
0.3378

0.0000, 0.0000,
0.0000

40.4859, 0.3897,
0.3438

40.4859, 0.3897,
0.3438

34.2112, 0.4227,
0.3480

47.8313, 0.3620,
0.3394

28.9513, 0.4610,
0.3515

56.2881, 0.3391,
0.3350

24.6543, 0.5032,
0.3536

65.9022, 0.3203,
0.3308

21.2610, 0.5463,
0.3534

76.7150, 0.3049,
0.3270

18.7059, 0.5853,
0.3503

88.7659, 0.2923,
0.3235

■ 16.9138, 0.6147,
0.3444

■ 93.7989, 0.2911,
0.3289

■ 16.2376, 0.6260,
0.3411

Harmonies

Analogous

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



40.4859, 0.3665, 0.3115



40.4859, 0.3897, 0.3438



40.4859, 0.3904, 0.3748

Triad

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



40.4859, 0.3897, 0.3438



40.4859, 0.2936, 0.3808



40.4859, 0.2567, 0.2646

Complementary

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



40.4859, 0.3897, 0.3438



55.5730, 0.2618, 0.3135

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.



40.4859, 0.2402, 0.2777



40.4859, 0.3897, 0.3438



40.4859, 0.2603, 0.3447

Square

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



40.4859, 0.3897, 0.3438



40.4859, 0.3335, 0.4001



40.4859, 0.2414, 0.3062



40.4859, 0.2883, 0.2675

Rectangle

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



40.4859, 0.3897, 0.3438



40.4859, 0.3783, 0.3909



40.4859, 0.2414, 0.3062



40.4859, 0.2493, 0.2671

Sweetspot

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



40.4878, 0.3897, 0.3438



85.5229, 0.3300, 0.3330



39.2388, 0.3272, 0.2549



17.8992, 0.3327, 0.3336



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.



40.4878, 0.3897, 0.3438



50.2409, 0.4145, 0.3471



54.9156, 0.3745, 0.3872



13.3821, 0.3288, 0.3328



9.7321, 0.6241, 0.3427



0.7360, 0.5958, 0.3651

Inverse Universe

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



55.5730, 0.2618, 0.3135



74.7014, 0.2521, 0.3095



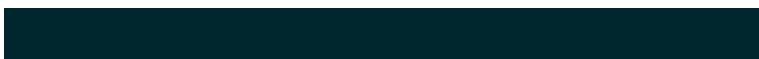
39.5534, 0.2551, 0.2627



14.4609, 0.2982, 0.3252



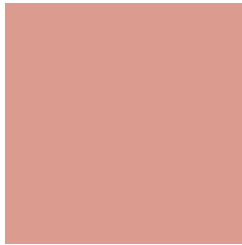
23.5914, 0.2106, 0.2782



1.6245, 0.2131, 0.2873

Previews

White Background



This preview shows how the Yxy color 40.4859, 0.3897, 0.3438 looks on a white background.

Color Contrast Check

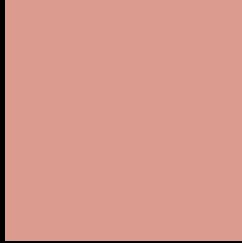
Large Text (above 18pt) WCAG AA × Fail

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 40.4859, 0.3897, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

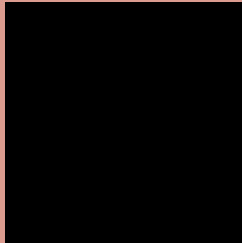
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4859, 0.3897, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 40.4859, 0.3897, 0.3438.



This preview shows how white text looks on a background with the Yxy color 40.4859, 0.3897, 0.3438.

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

40.4859, 0.3897, 0.3438

Protanopia

40.5675, 0.3376, 0.3552

Deuteranopia

40.4798, 0.3672, 0.3592



Tritanopia

40.5090, 0.3711, 0.3148

Trichromacy



Original Color

40.4859, 0.3897, 0.3438

Protanomaly

40.5177, 0.3562, 0.3516

Deuteranomaly

40.5645, 0.3753, 0.3534

Tritanomaly

40.3984, 0.3780, 0.3256

Monochromacy



Original Color

40.4859, 0.3897, 0.3438

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8282, 0.3390, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4859, 0.3897, 0.3438 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, 155, 143)` looks like.

```
.text, #text, p{  
    color:rgb(219, 155, 143)  
}
```

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, 155, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 155, 143) }
```

Border

The CSS property to change the border of an element to Yxy 40.4859, 0.3897, 0.3438 is called "border". The border property can be set on classes, ids or directly on the HTML element.

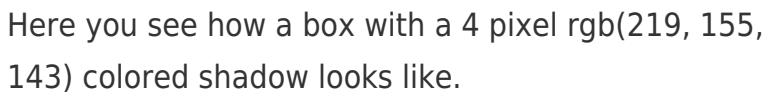
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 155, 143) }
```

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

```
.border{ border-color:rgb(219, 155, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 155, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 155, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 155, 143);  
box-shadow:4px 4px 4px 4px rgb(219, 155,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4859, 0.3897, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 155, 143) }
```

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

```
.background{ background-color: rgb(219,  
155, 143) }
```

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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