

Converting Colors

$Yxy(42.3499, 0.3609, 0.3871)$

Have a look what the booklet for
Yxy(42.3499, 0.3609, 0.3871)
contains.

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Color

Yxy(42.3499, 0.3609, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	BAAE83
RGB	186, 174, 131
RGB Percent	73%, 68%, 51%
CMY	0.2706, 0.3176, 0.4862
CMYK	0.00, 0.06, 0.30, 0.27
HSL	47°, 28%, 62%
HSV	47°, 30%, 73%
XYZ	39.4835, 42.3499, 27.5696
YIQ	172.6860, 20.9550, -10.8290

Conversions

Conversions Part 2

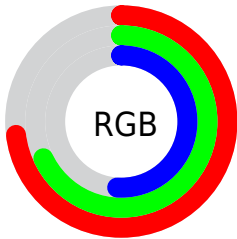
Format	Color
RYB	146, 186, 131
Decimal	12234371
CIELab	71.11, -2.41, 23.66
CIELCh	71, 23.786, 95.805
Yxy	42.3499, 0.3609, 0.3871
Android (android.graphics.Color)	4290424451 (0xFFBAAE83)
YUV	172.6860, -20.5512, 11.6764
Hunter-Lab	65.0768, -5.5845, 20.4358

Details

The Yxy color **42.3499, 0.3609, 0.3871** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.0198, 0.2635, 0.2632**, and the grayscale version is **41.7210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5540, 0.3526, 0.3762**, and **19.4187, 0.3744, 0.4048** is the 20% darker color. If you saturate the color by 10%, you get **40.3471, 0.3788, 0.4069**, and if you desaturate by 10%, it is **44.4945, 0.3436, 0.3670**.

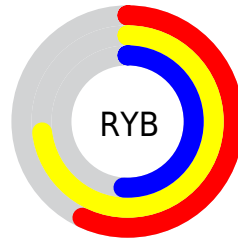
Distribution



Red (73%)

Green (68%)

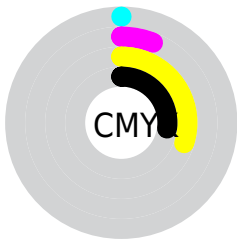
Blue (51%)



Red (57%)

Yellow (73%)

Blue (51%)

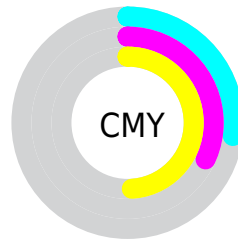


Cyan (0%)

Magenta (6%)

Yellow (30%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3499, 0.3609, 0.3871 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 42.3499, 0.3609, 0.3871 by changing the saturation by 10% instead.

■ 42.3499, 0.3609,
0.3871

■ 42.3499, 0.3609,
0.3871

355.9314, 0.3367,
0.3576

■ 29.3754, 0.3669,
0.3945

■ 78.7289, 0.3521,
0.3763

■ 19.3650, 0.3745,
0.4040

■ 102.9022, 0.3488,
0.3723

■ 11.9343, 0.3845,
0.4166

■ 131.5772, 0.3460,
0.3689

■ 6.6989, 0.3979,
0.4339

165.1382, 0.3436,
0.3660

■ 3.2745, 0.4166,
0.4587

203.9698, 0.3415,
0.3635

■ 1.2767, 0.4717,
0.5283

248.4562, 0.3397,

■ 0.1230, 0.3212,

0.3613

0.6788

298.9820, 0.3381,
0.3593

0.0000, 0.0000,
0.0000

42.3499, 0.3609,
0.3871

42.3499, 0.3609,
0.3871

40.3471, 0.3788,
0.4069

44.4945, 0.3436,
0.3670

38.4751, 0.3967,
0.4255

46.7800, 0.3273,
0.3472

36.7300, 0.4141,
0.4419

49.2129, 0.3121,
0.3282

35.1056, 0.4301,
0.4552

51.7976, 0.2982,
0.3102

33.5947, 0.4439,
0.4645

54.5381, 0.2855,
0.2934

■ 32.1891, 0.4550,
0.4691

■ 57.4384, 0.2741,
0.2779

■ 30.8732, 0.4636,
0.4698

■ 60.0956, 0.2673,
0.2699

■ 30.8173, 0.4640,
0.4698

■ 62.0306, 0.2677,
0.2746

■ 64.0162, 0.2682,
0.2793

Harmonies

Analogous

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



42.3499, 0.3790, 0.3692



42.3499, 0.3609, 0.3871



42.3499, 0.3303, 0.3892

Triad

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



42.3499, 0.3609, 0.3871



42.3499, 0.2511, 0.3094



42.3499, 0.3270, 0.2907

Complementary

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



42.3499, 0.3609, 0.3871



28.0198, 0.2635, 0.2632

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.



42.3499, 0.2925, 0.2759



42.3499, 0.3609, 0.3871



42.3499, 0.2502, 0.2849

Square

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



42.3499, 0.3609, 0.3871



42.3499, 0.2674, 0.3420



42.3499, 0.2649, 0.2734



42.3499, 0.3591, 0.3146

Rectangle

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



42.3499, 0.3609, 0.3871



42.3499, 0.3073, 0.3799



42.3499, 0.2649, 0.2734



42.3499, 0.3153, 0.2846

Sweetspot

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



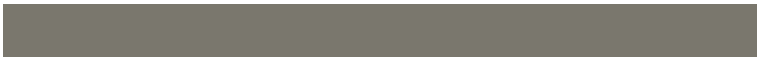
42.3518, 0.3609, 0.3871



84.9665, 0.3266, 0.3464



28.6840, 0.3623, 0.3112



18.5735, 0.3289, 0.3493



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.3518, 0.3609, 0.3871



74.5477, 0.3716, 0.3991



45.4541, 0.3434, 0.4051



10.1618, 0.3269, 0.3468



20.8458, 0.4633, 0.4703



0.8187, 0.4499, 0.4810

Inverse Universe

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



28.0198, 0.2635, 0.2632



44.6772, 0.2523, 0.2473



25.8623, 0.2752, 0.2473



9.0288, 0.2984, 0.3106



3.5259, 0.1569, 0.0847



0.2170, 0.1705, 0.1337

Previews

White Background



This preview shows how the Yxy color 42.3499, 0.3609, 0.3871 looks on a white background.

Color Contrast Check

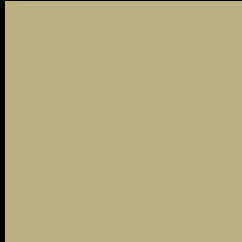
Large Text (above 18pt) WCAG AA × Fail

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 42.3499, 0.3609, 0.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

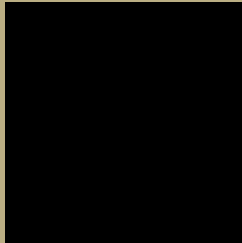
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3499, 0.3609, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 42.3499, 0.3609, 0.3871.



This preview shows how white text looks on a background with the Yxy color 42.3499, 0.3609, 0.3871.

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

42.3499, 0.3609, 0.3871

Protanopia

42.3499, 0.3609, 0.3871

Deuteranopia

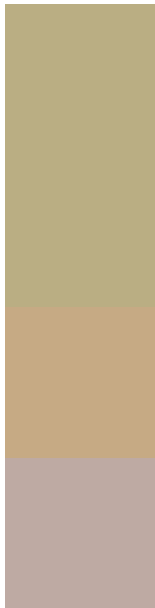
42.2825, 0.3814, 0.3737



Tritanopia

42.1801, 0.3237, 0.3110

Trichromacy



Original Color

42.3499, 0.3609, 0.3871

Protanomaly

42.3499, 0.3609, 0.3871

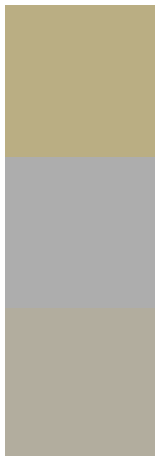
Deuteranomaly

42.4212, 0.3733, 0.3785

Tritanomaly

42.3409, 0.3373, 0.3383

Monochromacy



Original Color

42.3499, 0.3609, 0.3871

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8207, 0.3300, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3499, 0.3609, 0.3871 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(186, 174, 131)` looks like.

```
.text, #text, p{  
    color:rgb(186, 174, 131)  
}
```

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(186, 174, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 174, 131) }
```

Border

The CSS property to change the border of an element to Yxy 42.3499, 0.3609, 0.3871 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(186, 174, 131) }
```

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

```
.border{ border-color:rgb(186, 174, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 174, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 174, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 174, 131);  
box-shadow:4px 4px 4px 4px rgb(186, 174,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3499, 0.3609, 0.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 174, 131) }
```

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

```
.background{ background-color: rgb(186,  
174, 131) }
```

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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