

Converting Colors

$Y_{xy}(44.6708, 0.3453, 0.3706)$

Have a look what the booklet for
Yxy(44.6708, 0.3453, 0.3706)
contains.

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Color

Yxy(44.8174, 0.3447, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	BAB394
RGB	186, 179, 148
RGB Percent	73%, 70%, 58%
CMY	0.2708, 0.2980, 0.4196
CMYK	0.00, 0.04, 0.20, 0.27
HSL	49°, 22%, 65%
HSV	49°, 20%, 73%
XYZ	41.7078, 44.8174, 34.4721
YIQ	177.5590, 14.1230, -8.1570

Conversions

Conversions Part 2

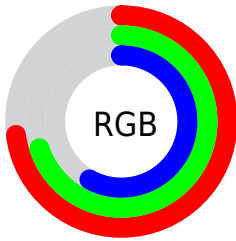
Format	Color
R _Y B	157, 186, 148
Decimal	12235668
CIE Lab	72.77, -2.68, 16.74
CIE LCh	73, 16.956, 99.104
Yxy	44.8174, 0.3447, 0.3704
Android (android.graphics.Color)	4290425748 (0xFFBAB394)
YUV	177.5590, -14.5726, 7.4028
Hunter-Lab	66.9458, -5.9482, 16.3321

Details

The Yxy color **44.8174, 0.3447, 0.3704** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.2655, 0.2798, 0.2839**, and the grayscale version is **44.3470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5582, 0.3387, 0.3632**, and **20.7713, 0.3549, 0.3821** is the 20% darker color. If you saturate the color by 10%, you get **42.9304, 0.3617, 0.3913**, and if you desaturate by 10%, it is **46.8367, 0.3285, 0.3497**.

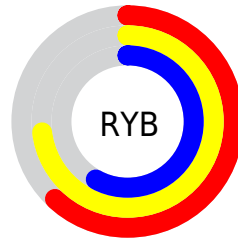
Distribution



Red (73%)

Green (70%)

Blue (58%)



Red (62%)

Yellow (73%)

Blue (58%)

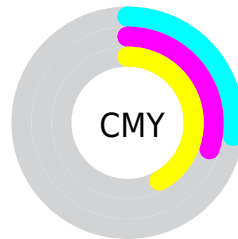


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (27%)



Cyan (27%)


Magenta (30%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8174, 0.3447, 0.3704 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 44.8174, 0.3447, 0.3704 by changing the saturation by 10% instead.


 44.8174, 0.3447,
0.3704

 44.8174, 0.3447,
0.3704


366.0335, 0.3287,
0.3495

 31.3136, 0.3487,
0.3757


 82.4463, 0.3389,
0.3628

 20.8378, 0.3537,
0.3825


 107.3403, 0.3367,
0.3599

 13.0055, 0.3605,
0.3915


136.7997, 0.3349,
0.3575

 7.4323, 0.3697,
0.4042

171.2091, 0.3333,
0.3554

 3.7339, 0.3830,
0.4230

210.9528, 0.3319,
0.3536

 1.5259, 0.4175,
0.4691

256.4151, 0.3307,

 0.3068, 0.4243,

0.3521

0.5757

307.9806, 0.3297,
0.3507

0.0000, 0.0000,
0.0000

44.8174, 0.3447,
0.3704

44.8174, 0.3447,
0.3704

42.9304, 0.3617,
0.3913

46.8367, 0.3285,
0.3497

41.1648, 0.3790,
0.4117

48.9866, 0.3133,
0.3298

39.5177, 0.3961,
0.4308

51.2734, 0.2993,
0.3109

37.9833, 0.4123,
0.4475

53.7010, 0.2865,
0.2932

36.5555, 0.4269,
0.4610

56.2733, 0.2748,
0.2769

■ 35.2273, 0.4392,
0.4704

■ 58.6950, 0.2669,
0.2664

■ 33.9904, 0.4488,
0.4752

■ 60.2819, 0.2673,
0.2703

■ 32.8742, 0.4558,
0.4763

■ 61.9040, 0.2677,
0.2743

■ 63.5615, 0.2681,
0.2782

Harmonies

Analogous

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



44.8174, 0.3583, 0.3596



44.8174, 0.3447, 0.3704



44.8174, 0.3228, 0.3698

Triad

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



44.8174, 0.3447, 0.3704



44.8174, 0.2683, 0.3136



44.8174, 0.3256, 0.3033

Complementary

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



44.8174, 0.3447, 0.3704



33.2655, 0.2798, 0.2839

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.



44.8174, 0.3013, 0.2918



44.8174, 0.3447, 0.3704



44.8174, 0.2689, 0.2968

Square

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



44.8174, 0.3447, 0.3704



44.8174, 0.2791, 0.3358



44.8174, 0.2807, 0.2892



44.8174, 0.3471, 0.3212

Rectangle

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



44.8174, 0.3447, 0.3704



44.8174, 0.3066, 0.3624



44.8174, 0.2807, 0.2892



44.8174, 0.3175, 0.2986

Sweetspot

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



44.8194, 0.3447, 0.3704



86.5873, 0.3218, 0.3410



33.9816, 0.3455, 0.3195



19.0121, 0.3228, 0.3424



95.5105, 0.3127, 0.3290



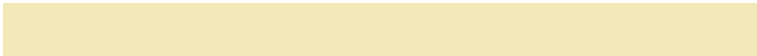
19.5994, 0.3127, 0.3290

Same Dimension

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



44.8194, 0.3447, 0.3704



79.8850, 0.3514, 0.3787



46.2301, 0.3323, 0.3809



10.2165, 0.3268, 0.3475



22.2287, 0.4552, 0.4767



0.8572, 0.4445, 0.4853

Inverse Universe

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



33.2655, 0.2798, 0.2839



55.5446, 0.2727, 0.2738



32.2020, 0.2902, 0.2752



8.9781, 0.2984, 0.3098



3.2369, 0.1552, 0.0786



0.1954, 0.1676, 0.1232

Previews

White Background



This preview shows how the Yxy color 44.8174, 0.3447, 0.3704 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 44.8174, 0.3447, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

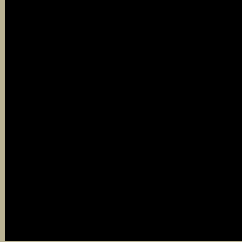
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8174, 0.3447, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 44.8174, 0.3447, 0.3704.



This preview shows how white text looks on a background with the Yxy color 44.8174, 0.3447, 0.3704.

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

44.8174, 0.3447, 0.3704

Protanopia

44.7977, 0.3478, 0.3687

Deuteranopia

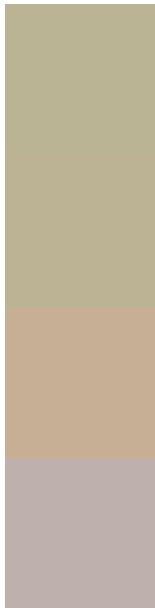
44.7968, 0.3647, 0.3581



Tritanopia

44.9363, 0.3170, 0.3125

Trichromacy



Original Color

44.8174, 0.3447, 0.3704

Protanomaly

44.6703, 0.3469, 0.3689

Deuteranomaly

44.9720, 0.3572, 0.3625

Tritanomaly

44.8866, 0.3268, 0.3329

Monochromacy



Original Color

44.8174, 0.3447, 0.3704

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4546, 0.3244, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8174, 0.3447, 0.3704 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, 179, 148)` looks like.

```
.text, #text, p{  
    color:rgb(186, 179, 148)  
}
```

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, 179, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 179, 148) }
```

Border

The CSS property to change the border of an element to Yxy 44.8174, 0.3447, 0.3704 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, 179, 148) }
```

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

```
.border{ border-color:rgb(186, 179, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 179, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 179, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 179, 148);  
box-shadow:4px 4px 4px 4px rgb(186, 179,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8174, 0.3447, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 179, 148) }
```

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

```
.background{ background-color: rgb(186,  
179, 148) }
```

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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