

Converting Colors

$Yxy(44.7683, 0.3498, 0.3773)$

Have a look what the booklet for
Yxy(44.7683, 0.3498, 0.3773)
contains.

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Color

Yxy(44.7882, 0.3499, 0.3770)

Conversions

Conversions Part 1

Format	Color
Hex	BBB38F
RGB	187, 179, 143
RGB Percent	73%, 70%, 56%
CMY	0.2667, 0.2980, 0.4392
CMYK	0.00, 0.04, 0.24, 0.27
HSL	49°, 24%, 65%
HSV	49°, 24%, 73%
XYZ	41.5687, 44.7882, 32.4447
YIQ	177.2880, 16.3240, -9.5000

Conversions

Conversions Part 2

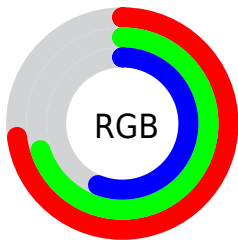
Format	Color
R _Y B	153, 187, 143
Decimal	12301199
CIE Lab	72.75, -3.02, 19.44
CIE LCh	73, 19.670, 98.840
Yxy	44.7882, 0.3499, 0.3770
Android (android.graphics.Color)	4290491279 (0xFFBBB38F)
YUV	177.2880, -16.9040, 8.5174
Hunter-Lab	66.9240, -6.2448, 18.1030

Details

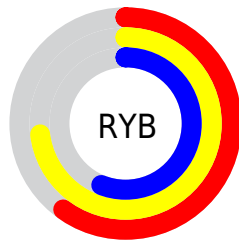
The Yxy color **44.7882, 0.3499, 0.3770** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.5554, 0.2742, 0.2759**, and the grayscale version is **44.2100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6810, 0.3434, 0.3683**, and **20.6810, 0.3607, 0.3913** is the 20% darker color. If you saturate the color by 10%, you get **42.9276, 0.3670, 0.3979**, and if you desaturate by 10%, it is **46.7806, 0.3334, 0.3562**.

Distribution



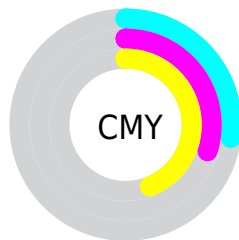
- Red (73%)
- Green (70%)
- Blue (56%)



- Red (60%)
- Yellow (73%)
- Blue (56%)



- Cyan (0%)
- Magenta (4%)
- Yellow (24%)
- Black (27%)





- Cyan (27%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7882, 0.3499, 0.3770 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 44.7882, 0.3499, 0.3770 by changing the saturation by 10% instead.


 44.7882, 0.3499,
0.3770

 44.7882, 0.3499,
0.3770


365.9151, 0.3313,
0.3527

 31.2906, 0.3545,
0.3831


 82.4025, 0.3432,
0.3681

 20.8203, 0.3603,
0.3909


 107.2880, 0.3407,
0.3648

 12.9927, 0.3680,
0.4014


136.7383, 0.3385,
0.3620

 7.4235, 0.3784,
0.4158

171.1377, 0.3367,
0.3596

 3.7283, 0.3933,
0.4371

210.8707, 0.3351,
0.3576

 1.5228, 0.4414,
0.5001

256.3217, 0.3337,

 0.3047, 0.4146,

0.3558

0.5854

307.8750, 0.3324,
0.3542

0.0000, 0.0000,
0.0000

44.7882, 0.3499,
0.3770

44.7882, 0.3499,
0.3770

42.9276, 0.3670,
0.3979

46.7806, 0.3334,
0.3562

41.1880, 0.3843,
0.4180

48.9035, 0.3179,
0.3359

39.5660, 0.4012,
0.4365

51.1632, 0.3035,
0.3166

38.0559, 0.4169,
0.4523

53.5637, 0.2903,
0.2985

36.6510, 0.4308,
0.4646

56.1089, 0.2783,
0.2817

■ 35.3441, 0.4423,
0.4726

■ 58.7897, 0.2676,
0.2664

■ 34.1261, 0.4509,
0.4761

■ 60.3706, 0.2679,
0.2703

■ 33.3725, 0.4555,
0.4766

■ 61.9865, 0.2683,
0.2743

■ 63.6376, 0.2687,
0.2782

Harmonies

Analogous

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



44.7882, 0.3657, 0.3641



44.7882, 0.3499, 0.3770



44.7882, 0.3245, 0.3767

Triad

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



44.7882, 0.3499, 0.3770



44.7882, 0.2615, 0.3111



44.7882, 0.3274, 0.2993

Complementary

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



44.7882, 0.3499, 0.3770



31.5554, 0.2742, 0.2759

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.



44.7882, 0.2991, 0.2861



44.7882, 0.3499, 0.3770



44.7882, 0.2621, 0.2917

Square

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



44.7882, 0.3499, 0.3770



44.7882, 0.2739, 0.3370



44.7882, 0.2755, 0.2831



44.7882, 0.3525, 0.3197

Rectangle

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



44.7882, 0.3499, 0.3770



44.7882, 0.3057, 0.3682



44.7882, 0.2755, 0.2831



44.7882, 0.3179, 0.2939

Sweetspot

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



44.7902, 0.3499, 0.3770



86.2098, 0.3234, 0.3431



32.4476, 0.3519, 0.3180



18.9340, 0.3243, 0.3443



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.



44.7902, 0.3499, 0.3770



78.5617, 0.3583, 0.3873



46.4070, 0.3353, 0.3893



10.8183, 0.3269, 0.3477



23.0957, 0.4549, 0.4770



0.9827, 0.4450, 0.4849

Inverse Universe

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



31.5554, 0.2742, 0.2759



50.8933, 0.2652, 0.2630



30.3971, 0.2861, 0.2661



9.4977, 0.2984, 0.3096



3.3343, 0.1551, 0.0782



0.2173, 0.1666, 0.1197

Previews

White Background



This preview shows how the Yxy color 44.7882, 0.3499, 0.3770 looks on a white background.

Color Contrast Check

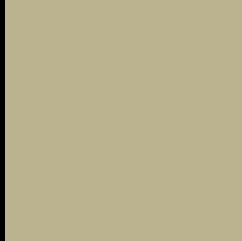
Large Text (above 18pt) WCAG AA × Fail

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 44.7882, 0.3499, 0.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

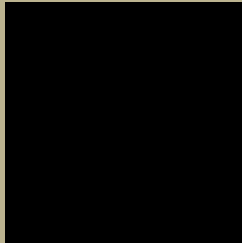
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

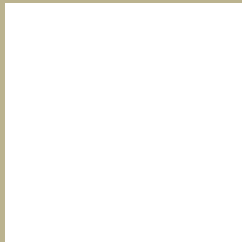
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7882, 0.3499, 0.3770

Background



This preview shows how black text looks on a background with the Yxy color 44.7882, 0.3499, 0.3770.



This preview shows how white text looks on a background with the Yxy color 44.7882, 0.3499, 0.3770.

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

44.7882, 0.3499, 0.3770

Protanopia

44.7711, 0.3530, 0.3753

Deuteranopia

44.4356, 0.3697, 0.3618



Tritanopia

44.8125, 0.3189, 0.3113

Trichromacy



Original Color

44.7882, 0.3499, 0.3770

Protanomaly

44.6428, 0.3521, 0.3755

Deuteranomaly

44.5651, 0.3629, 0.3676

Tritanomaly

44.6766, 0.3304, 0.3342

Monochromacy



Original Color

44.7882, 0.3499, 0.3770

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.3812, 0.3260, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7882, 0.3499, 0.3770 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(187, 179, 143)` looks like.

```
.text, #text, p{  
    color:rgb(187, 179, 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(187, 179, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 179, 143) }
```

Border

The CSS property to change the border of an element to Yxy 44.7882, 0.3499, 0.3770 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(187, 179, 143) }
```

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

```
.border{ border-color:rgb(187, 179, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 179, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 179, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 179, 143);  
box-shadow:4px 4px 4px 4px rgb(187, 179,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7882, 0.3499, 0.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 179, 143) }
```

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

```
.background{ background-color: rgb(187,  
179, 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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