

Converting Colors

$Yxy(48.9794, 0.3445, 0.3705)$

Have a look what the booklet for
Yxy(48.9794, 0.3445, 0.3705)
contains.

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Color

Yxy(48.7884, 0.3444, 0.3703)

Conversions

Conversions Part 1

Format	Color
Hex	C1BA9A
RGB	193, 186, 154
RGB Percent	76%, 73%, 60%
CMY	0.2433, 0.2705, 0.3961
CMYK	0.00, 0.04, 0.20, 0.24
HSL	49°, 24%, 68%
HSV	49°, 20%, 76%
XYZ	45.3760, 48.7884, 37.5893
YIQ	184.4450, 14.4440, -8.4680

Conversions

Conversions Part 2

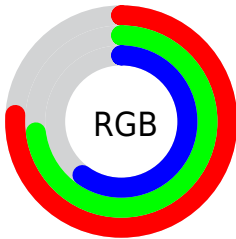
Format	Color
RYB	163, 193, 154
Decimal	12696218
CIELab	75.32, -2.84, 17.15
CIELCh	75, 17.378, 99.400
Yxy	48.7884, 0.3444, 0.3703
Android (android.graphics.Color)	4290886298 (0xFFC1BA9A)
YUV	184.4450, -15.0094, 7.5027
Hunter-Lab	69.8487, -6.2758, 16.9870

Details

The Yxy color **48.7884, 0.3444, 0.3703** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.1824, 0.2801, 0.2840**, and the grayscale version is **48.2684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3823, 0.3393, 0.3632**, and **23.2433, 0.3527, 0.3816** is the 20% darker color. If you saturate the color by 10%, you get **46.7667, 0.3613, 0.3913**, and if you desaturate by 10%, it is **50.9527, 0.3282, 0.3495**.

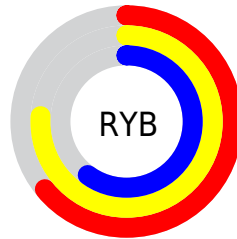
Distribution



Red (76%)

Green (73%)

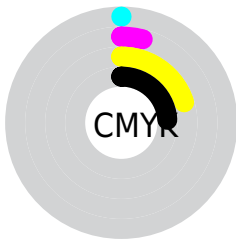
Blue (60%)



Red (64%)

Yellow (76%)

Blue (60%)

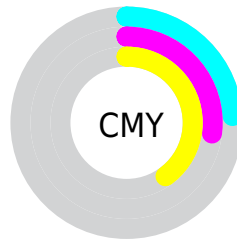


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (24%)



Cyan (24%)


Magenta (27%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7884, 0.3444, 0.3703 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 48.7884, 0.3444, 0.3703 by changing the saturation by 10% instead.


 48.7884, 0.3444,
0.3703


 48.7884, 0.3444,
0.3703


381.9087, 0.3288,
0.3497

 34.4517, 0.3482,
0.3754


 88.3771, 0.3388,
0.3628

 23.2408, 0.3530,
0.3819


 114.3978, 0.3367,
0.3600

 14.7714, 0.3594,
0.3905


145.0820, 0.3349,
0.3577

 8.6591, 0.3680,
0.4024

180.8141, 0.3333,
0.3556

 4.5195, 0.3802,
0.4197

221.9784, 0.3319,
0.3538

 1.9682, 0.4015,
0.4503

268.9593, 0.3308,

 0.5889, 0.4544,

0.3523

0.5456

322.1413, 0.3297,
0.3509

0.0000, 0.0000,
0.0000

48.7884, 0.3444,
0.3703

48.7884, 0.3444,
0.3703

46.7667, 0.3613,
0.3913

50.9527, 0.3282,
0.3495

44.8759, 0.3786,
0.4119

53.2579, 0.3130,
0.3294

43.1125, 0.3956,
0.4311

55.7107, 0.2990,
0.3104

41.4706, 0.4118,
0.4480

58.3155, 0.2861,
0.2926

39.9434, 0.4263,
0.4616

61.0764, 0.2745,
0.2761

■ 38.5231, 0.4385,
0.4711

■ 63.0096, 0.2722,
0.2754

■ 37.2008, 0.4479,
0.4760

■ 64.6905, 0.2725,
0.2794

■ 35.9833, 0.4548,
0.4770

■ 66.4079, 0.2728,
0.2833

■ 68.1620, 0.2732,
0.2872

Harmonies

Analogous

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



48.7884, 0.3580, 0.3597



48.7884, 0.3444, 0.3703



48.7884, 0.3225, 0.3695

Triad

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



48.7884, 0.3444, 0.3703



48.7884, 0.2684, 0.3134



48.7884, 0.3258, 0.3036

Complementary

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



48.7884, 0.3444, 0.3703



36.1824, 0.2801, 0.2840

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.



48.7884, 0.3015, 0.2920



48.7884, 0.3444, 0.3703



48.7884, 0.2692, 0.2968

Square

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



48.7884, 0.3444, 0.3703



48.7884, 0.2790, 0.3355



48.7884, 0.2810, 0.2894



48.7884, 0.3472, 0.3214

Rectangle

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



48.7884, 0.3444, 0.3703



48.7884, 0.3064, 0.3621



48.7884, 0.2810, 0.2894



48.7884, 0.3177, 0.2989

Sweetspot

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



48.7906, 0.3444, 0.3703



92.9592, 0.3218, 0.3411



37.0162, 0.3452, 0.3196



19.8851, 0.3228, 0.3425



97.7402, 0.3127, 0.3290



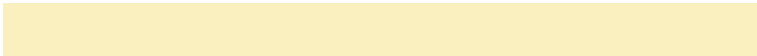
20.4902, 0.3127, 0.3290

Same Dimension

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



48.7906, 0.3444, 0.3703



85.8767, 0.3514, 0.3791



50.2348, 0.3322, 0.3804



11.4431, 0.3269, 0.3478



24.0486, 0.4543, 0.4775



1.1208, 0.4452, 0.4847

Inverse Universe

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



36.1824, 0.2801, 0.2840



59.4261, 0.2726, 0.2734



35.0967, 0.2904, 0.2757



10.0318, 0.2983, 0.3095



3.4216, 0.1549, 0.0776



0.2389, 0.1656, 0.1161

Previews

White Background



This preview shows how the Yxy color 48.7884, 0.3444, 0.3703 looks on a white background.

Color Contrast Check

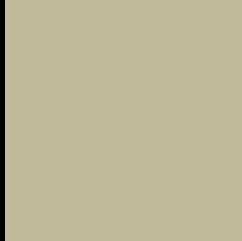
Large Text (above 18pt) WCAG AA × Fail

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 48.7884, 0.3444, 0.3703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

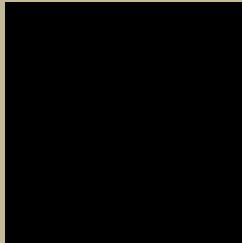
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

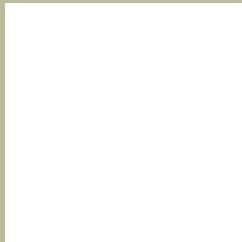
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7884, 0.3444, 0.3703

Background



This preview shows how black text looks on a background with the Yxy color 48.7884, 0.3444, 0.3703.



This preview shows how white text looks on a background with the Yxy color 48.7884, 0.3444, 0.3703.

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

48.7884, 0.3444, 0.3703

Protanopia

48.7668, 0.3474, 0.3687

Deuteranopia

48.5372, 0.3640, 0.3559



Tritanopia

48.5884, 0.3161, 0.3106

Trichromacy



Original Color

48.7884, 0.3444, 0.3703

Protanomaly

48.6331, 0.3465, 0.3688

Deuteranomaly

48.5361, 0.3567, 0.3614

Tritanomaly

48.4869, 0.3264, 0.3316

Monochromacy



Original Color

48.7884, 0.3444, 0.3703

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.2798, 0.3239, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7884, 0.3444, 0.3703 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(193, 186, 154)` looks like.

```
.text, #text, p{  
    color:rgb(193, 186, 154)  
}
```

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(193, 186, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 186, 154) }
```

Border

The CSS property to change the border of an element to Yxy 48.7884, 0.3444, 0.3703 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(193, 186, 154) }
```

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

```
.border{ border-color:rgb(193, 186, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 186, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 186, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 186, 154);  
box-shadow:4px 4px 4px 4px rgb(193, 186,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7884, 0.3444, 0.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 186, 154) }
```

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

```
.background{ background-color: rgb(193,  
186, 154) }
```

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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