

Converting Colors

$Yxy(44.7013, 0.3599, 0.4088)$

Have a look what the booklet for
Yxy(44.7013, 0.3599, 0.4088)
contains.

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Color

Yxy(44.7097, 0.3599, 0.4088)

Conversions

Conversions Part 1

Format	Color
Hex	B5B67B
RGB	181, 182, 123
RGB Percent	71%, 71%, 48%
CMY	0.2901, 0.2863, 0.5176
CMYK	0.01, 0.00, 0.32, 0.29
HSL	61°, 29%, 60%
HSV	61°, 32%, 71%
XYZ	39.3616, 44.7097, 25.2969
YIQ	174.9750, 18.3430, -18.5610

Conversions

Conversions Part 2

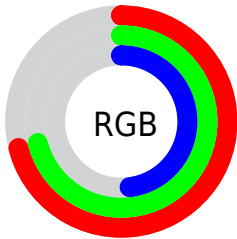
Format	Color
RYB	123, 182, 124
Decimal	11908731
CIELab	72.70, -9.64, 29.98
CIELCh	73, 31.492, 107.822
Yxy	44.7097, 0.3599, 0.4088
Android (android.graphics.Color)	4290098811 (0xFFB5B67B)
YUV	174.9750, -25.6237, 5.2839
Hunter-Lab	66.8653, -11.9367, 24.3748

Details

The Yxy color **44.7097, 0.3599, 0.4088** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **21.8309, 0.2567, 0.2350**, and the grayscale version is **42.9862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4608, 0.3521, 0.3941**, and **20.6936, 0.3720, 0.4324** is the 20% darker color. If you saturate the color by 10%, you get **44.2606, 0.3737, 0.4324**, and if you desaturate by 10%, it is **45.2477, 0.3453, 0.3841**.

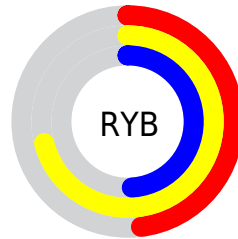
Distribution



Red (71%)

Green (71%)

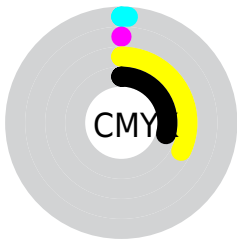
Blue (48%)



Red (48%)

Yellow (71%)

Blue (49%)

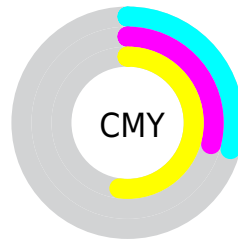


Cyan (1%)

Magenta (0%)

Yellow (32%)

Black (29%)



Cyan (29%)


Magenta (29%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7097, 0.3599, 0.4088 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 44.7097, 0.3599, 0.4088 by changing the saturation by 10% instead.


 44.7097, 0.3599,
0.4088


 44.7097, 0.3599,
0.4088


365.5966, 0.3370,
0.3682


 31.2288, 0.3653,
0.4190


 82.2846, 0.3518,
0.3939

 20.7732, 0.3719,
0.4321


 107.1474, 0.3487,
0.3884

 12.9583, 0.3801,
0.4493


 136.5731, 0.3460,
0.3837

 7.3998, 0.3903,
0.4728

170.9458, 0.3437,
0.3797

 3.7134, 0.4041,
0.5083

210.6502, 0.3417,
0.3762

 1.5146, 0.4270,
0.5730

256.0705, 0.3399,

 0.2989, 0.1404,

0.3732

0.8596

307.5912, 0.3384,
0.3705

0.0000, 0.0000,
0.0000

44.7097, 0.3599,
0.4088

44.7097, 0.3599,
0.4088

44.2606, 0.3737,
0.4324

45.2477, 0.3453,
0.3841

43.8895, 0.3863,
0.4540

45.8728, 0.3306,
0.3592

43.5935, 0.3971,
0.4726

46.5912, 0.3161,
0.3348

43.3666, 0.4056,
0.4875


47.4065, 0.3022,
0.3114


43.2023, 0.4116,
0.4982


48.3224, 0.2891,
0.2893

 43.0927, 0.4150,
0.5047

 49.3424, 0.2769,
0.2689

 43.0339, 0.4164,
0.5076

 50.4695, 0.2657,
0.2501

 50.7991, 0.2632,
0.2457

 50.8367, 0.2634,
0.2457

Harmonies

Analogous

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



44.7097, 0.3916, 0.3913



44.7097, 0.3599, 0.4088



44.7097, 0.3168, 0.4026

Triad

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



44.7097, 0.3599, 0.4088



44.7097, 0.2310, 0.2883



44.7097, 0.3490, 0.2910

Complementary

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



44.7097, 0.3599, 0.4088



21.8309, 0.2567, 0.2350

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.



44.7097, 0.3035, 0.2673



44.7097, 0.3599, 0.4088



44.7097, 0.2380, 0.2639

Square

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



44.7097, 0.3599, 0.4088



44.7097, 0.2438, 0.3277



44.7097, 0.2635, 0.2573



44.7097, 0.3861, 0.3239

Rectangle

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



44.7097, 0.3599, 0.4088



44.7097, 0.2878, 0.3841



44.7097, 0.2635, 0.2573



44.7097, 0.3340, 0.2819

Sweetspot

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



44.7117, 0.3599, 0.4088



83.4434, 0.3273, 0.3536



25.7891, 0.3856, 0.3306



18.3916, 0.3294, 0.3571



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.7117, 0.3599, 0.4088



80.4536, 0.3700, 0.4261



41.5159, 0.3327, 0.4165



10.4955, 0.3261, 0.3516



30.3929, 0.4165, 0.5075



1.0739, 0.4172, 0.5069

Inverse Universe

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



21.8309, 0.2567, 0.2350



32.4011, 0.2417, 0.2101



24.3658, 0.2860, 0.2423



8.7265, 0.2987, 0.3054



2.4019, 0.1506, 0.0604



0.0871, 0.1532, 0.0618

Previews

White Background



This preview shows how the Yxy color 44.7097, 0.3599, 0.4088 looks on a white background.

Color Contrast Check

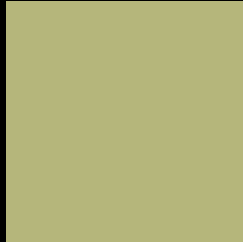
Large Text (above 18pt) WCAG AA × Fail

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 44.7097, 0.3599, 0.4088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

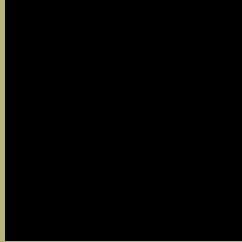
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

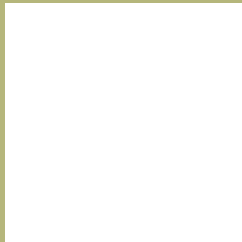
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7097, 0.3599, 0.4088

Background



This preview shows how black text looks on a background with the Yxy color 44.7097, 0.3599, 0.4088.



This preview shows how white text looks on a background with the Yxy color 44.7097, 0.3599, 0.4088.

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

44.7097, 0.3599, 0.4088

Protanopia

44.5587, 0.3746, 0.4035

Deuteranopia

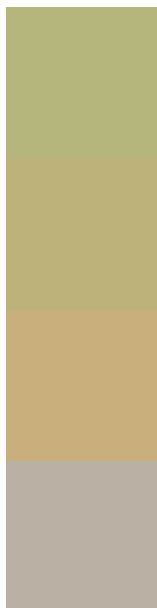
44.6035, 0.3927, 0.3857



Tritanopia

44.7218, 0.3144, 0.3111

Trichromacy



Original Color

44.7097, 0.3599, 0.4088

Protanomaly

44.4642, 0.3695, 0.4045

Deuteranomaly

44.5327, 0.3811, 0.3942

Tritanomaly

44.5637, 0.3315, 0.3462

Monochromacy



Original Color

44.7097, 0.3599, 0.4088

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.5882, 0.3299, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7097, 0.3599, 0.4088 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(181, 182, 123)` looks like.

```
.text, #text, p{  
    color:rgb(181, 182, 123)  
}
```

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(181, 182, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 182, 123) }
```

Border

The CSS property to change the border of an element to Yxy 44.7097, 0.3599, 0.4088 is called "border". The border property can be set on classes, ids or directly on the HTML element.

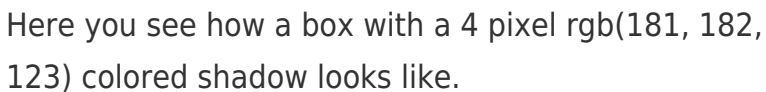
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 182, 123) }
```

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

```
.border{ border-color:rgb(181, 182, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 182, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 182, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 182, 123); box-shadow:4px 4px 4px 4px rgb(181, 182, 123) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7097, 0.3599, 0.4088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 182, 123) }
```

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

```
.background{ background-color: rgb(181,  
182, 123) }
```

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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