

Converting Colors

$Yxy(45.0118, 0.3617, 0.4085)$

Have a look what the booklet for
Yxy(45.0118, 0.3617, 0.4085)
contains.

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Color

Yxy(44.9532, 0.3618, 0.4083)

Conversions

Conversions Part 1

Format	Color
Hex	B7B67B
RGB	183, 182, 123
RGB Percent	72%, 71%, 48%
CMY	0.2823, 0.2863, 0.5177
CMYK	0.00, 0.01, 0.33, 0.28
HSL	59°, 29%, 60%
HSV	59°, 33%, 72%
XYZ	39.8336, 44.9532, 25.3116
YIQ	175.5730, 19.5350, -18.1370

Conversions

Conversions Part 2

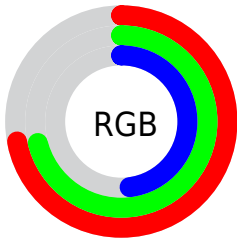
Format	Color
RYB	124, 183, 123
Decimal	12039803
CIELab	72.86, -8.85, 30.23
CIELCh	73, 31.502, 106.312
Yxy	44.9532, 0.3618, 0.4083
Android (android.graphics.Color)	4290229883 (0xFFB7B67B)
YUV	175.5730, -25.9185, 6.5135
Hunter-Lab	67.0471, -11.2832, 24.5498

Details

The Yxy color **44.9532, 0.3618, 0.4083** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **22.0457, 0.2551, 0.2351**, and the grayscale version is **43.3134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8089, 0.3535, 0.3938**, and **20.8487, 0.3747, 0.4314** is the 20% darker color. If you saturate the color by 10%, you get **44.4123, 0.3762, 0.4314**, and if you desaturate by 10%, it is **45.5841, 0.3468, 0.3841**.

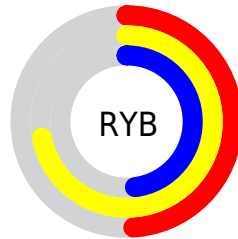
Distribution



Red (72%)

Green (71%)

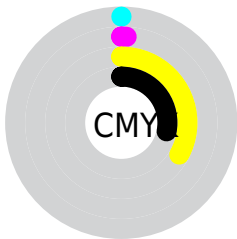
Blue (48%)



Red (49%)

Yellow (72%)

Blue (48%)

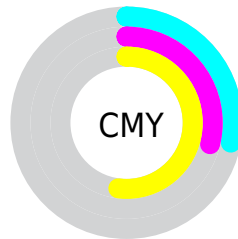


Cyan (0%)

Magenta (1%)

Yellow (33%)

Black (28%)



Cyan (28%)


Magenta (29%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9532, 0.3618, 0.4083 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 44.9532, 0.3618, 0.4083 by changing the saturation by 10% instead.


 44.9532, 0.3618,
0.4083

 44.9532, 0.3618,
0.4083


366.5840, 0.3379,
0.3680


 31.4206, 0.3674,
0.4184


 82.6502, 0.3533,
0.3936

 20.9193, 0.3743,
0.4313


 107.5833, 0.3501,
0.3881

 13.0650, 0.3829,
0.4482


 137.0854, 0.3473,
0.3835

 7.4733, 0.3937,
0.4711

171.5408, 0.3449,
0.3795

 3.7598, 0.4082,
0.5055

211.3340, 0.3428,
0.3760

 1.5402, 0.4324,
0.5676

256.8493, 0.3410,

 0.3167, 0.2117,

0.3730

0.7883

308.4712, 0.3394,
0.3704

0.0000, 0.0000,
0.0000

44.9532, 0.3618,
0.4083

44.9532, 0.3618,
0.4083

44.4123, 0.3762,
0.4314

45.5841, 0.3468,
0.3841

43.9506, 0.3894,
0.4524

46.3034, 0.3316,
0.3596

43.5648, 0.4008,
0.4704


47.1171, 0.3168,
0.3356


43.2490, 0.4099,
0.4846


48.0292, 0.3026,
0.3125


42.9965, 0.4165,
0.4947

49.0433, 0.2892,
0.2908

 42.7993, 0.4205,
0.5005

 50.1628, 0.2768,
0.2706

 42.6798, 0.4223,
0.5029

 51.3911, 0.2654,
0.2520

 51.7687, 0.2632,
0.2485

 51.8979, 0.2632,
0.2489

Harmonies

Analogous

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



44.9532, 0.3926, 0.3899



44.9532, 0.3618, 0.4083



44.9532, 0.3191, 0.4035

Triad

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



44.9532, 0.3618, 0.4083



44.9532, 0.2313, 0.2900



44.9532, 0.3467, 0.2896

Complementary

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



44.9532, 0.3618, 0.4083



22.0457, 0.2551, 0.2351

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.



44.9532, 0.3013, 0.2665



44.9532, 0.3618, 0.4083



44.9532, 0.2373, 0.2648

Square

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



44.9532, 0.3618, 0.4083



44.9532, 0.2450, 0.3299



44.9532, 0.2619, 0.2573



44.9532, 0.3845, 0.3221

Rectangle

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



44.9532, 0.3618, 0.4083



44.9532, 0.2899, 0.3858



44.9532, 0.2619, 0.2573



44.9532, 0.3317, 0.2806

Sweetspot

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



44.9552, 0.3618, 0.4083



83.2797, 0.3277, 0.3532



25.7125, 0.3847, 0.3263



18.3505, 0.3298, 0.3566



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.



44.9552, 0.3618, 0.4083



79.8169, 0.3718, 0.4243



42.2722, 0.3356, 0.4169



10.4766, 0.3264, 0.3512



29.7792, 0.4222, 0.5029



1.0581, 0.4214, 0.5036

Inverse Universe

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



22.0457, 0.2551, 0.2351



32.7397, 0.2409, 0.2118



24.1618, 0.2824, 0.2403



8.7432, 0.2984, 0.3058



2.4422, 0.1504, 0.0613



0.0944, 0.1518, 0.0665

Previews

White Background



This preview shows how the Yxy color 44.9532, 0.3618, 0.4083 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 44.9532, 0.3618, 0.4083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

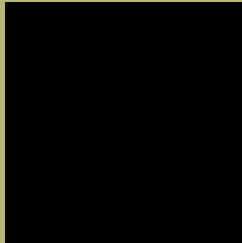
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9532, 0.3618, 0.4083

Background



This preview shows how black text looks on a background with the Yxy color 44.9532, 0.3618, 0.4083.



This preview shows how white text looks on a background with the Yxy color 44.9532, 0.3618, 0.4083.

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

44.9532, 0.3618, 0.4083

Protanopia

44.9828, 0.3733, 0.4034

Deuteranopia

44.7526, 0.3937, 0.3855



Tritanopia

44.9793, 0.3162, 0.3112

Trichromacy



Original Color

44.9532, 0.3618, 0.4083

Protanomaly

44.8665, 0.3691, 0.4056

Deuteranomaly

44.6717, 0.3820, 0.3939

Tritanomaly

44.8160, 0.3334, 0.3461

Monochromacy



Original Color

44.9532, 0.3618, 0.4083

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.8588, 0.3309, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9532, 0.3618, 0.4083 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(183, 182, 123)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 182, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 182, 123) }
```

Border

The CSS property to change the border of an element to Yxy 44.9532, 0.3618, 0.4083 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(183, 182, 123) }
```

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

```
.border{ border-color:rgb(183, 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(183, 182, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 182, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 182, 123);  
box-shadow:4px 4px 4px 4px rgb(183, 182,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9532, 0.3618, 0.4083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 182, 123) }
```

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

```
.background{ background-color: rgb(183,  
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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