

Converting Colors

$Yxy(45.4030, 0.3368, 0.3800)$

Have a look what the booklet for
Yxy(45.4030, 0.3368, 0.3800)
contains.

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Color

Yxy(45.2894, 0.3373, 0.3794)

Conversions

Conversions Part 1

Format	Color
Hex	B1B792
RGB	177, 183, 146
RGB Percent	69%, 72%, 57%
CMY	0.3056, 0.2824, 0.4274
CMYK	0.03, 0.00, 0.20, 0.28
HSL	70°, 20%, 65%
HSV	70°, 20%, 72%
XYZ	40.2639, 45.2894, 33.8178
YIQ	176.9880, 8.3010, -12.7790

Conversions

Conversions Part 2

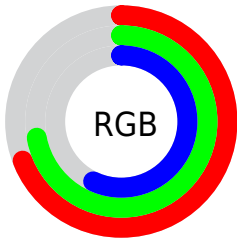
Format	Color
RYB	146, 183, 152
Decimal	11646866
CIELab	73.08, -8.46, 18.15
CIELCh	73, 20.020, 114.990
Yxy	45.2894, 0.3373, 0.3794
Android (android.graphics.Color)	4289836946 (0xFFB1B792)
YUV	176.9880, -15.2771, 0.0105
Hunter-Lab	67.2974, -10.9743, 17.3142

Details

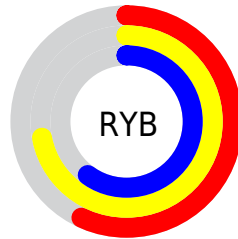
The Yxy color $45.2894, 0.3373, 0.3794$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $30.6492, 0.2850, 0.2750$, and the grayscale version is $44.0439, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.2268, 0.3330, 0.3701$, and $21.0766, 0.3441, 0.3950$ is the 20% darker color. If you saturate the color by 10%, you get $44.4257, 0.3494, 0.4054$, and if you desaturate by 10%, it is $46.2556, 0.3250, 0.3539$.

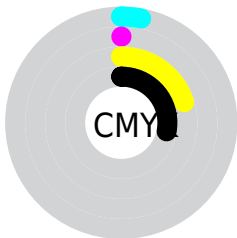
Distribution



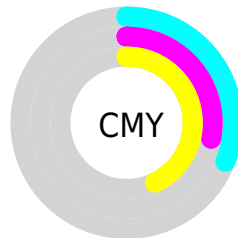
- Red (69%)
- Green (72%)
- Blue (57%)



- Red (57%)
- Yellow (72%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (28%)





- Cyan (31%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2894, 0.3373, 0.3794 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 45.2894, 0.3373, 0.3794 by changing the saturation by 10% instead.


 45.2894, 0.3373,
0.3794


 45.2894, 0.3373,
0.3794


367.9444, 0.3252,
0.3537

 31.6854, 0.3402,
0.3860


 83.1545, 0.3330,
0.3699

 21.1213, 0.3439,
0.3945


 108.1845, 0.3313,
0.3664

 13.2127, 0.3487,
0.4060


137.7919, 0.3299,
0.3635

 7.5752, 0.3550,
0.4222

172.3611, 0.3287,
0.3609

 3.8244, 0.3637,
0.4466

212.2766, 0.3277,
0.3587

 1.5758, 0.3920,
0.5085

257.9227, 0.3268,

 0.3412, 0.2567,

0.3568

0.7433

309.6838, 0.3259,
0.3552

0.0000, 0.0000,
0.0000

45.2894, 0.3373,
0.3794

45.2894, 0.3373,
0.3794

44.4257, 0.3494,
0.4054

46.2556, 0.3250,
0.3539

43.6543, 0.3608,
0.4310

47.3225, 0.3130,
0.3295

42.9723, 0.3712,
0.4553

48.4958, 0.3013,
0.3065

42.3746, 0.3798,
0.4774

49.7793, 0.2903,
0.2852

41.8554, 0.3863,
0.4962

51.1764, 0.2801,
0.2656

■ 41.4083, 0.3903,
0.5108

■ 52.6384, 0.2710,
0.2486

■ 41.0255, 0.3918,
0.5210

■ 53.0321, 0.2731,
0.2490

■ 40.6977, 0.3913,
0.5275

■ 53.4336, 0.2752,
0.2495

■ 53.8428, 0.2773,
0.2499

Harmonies

Analogous

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



45.2894, 0.3594, 0.3730



45.2894, 0.3373, 0.3794



45.2894, 0.3093, 0.3709

Triad

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



45.2894, 0.3373, 0.3794



45.2894, 0.2595, 0.2991



45.2894, 0.3422, 0.3093

Complementary

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



45.2894, 0.3373, 0.3794



30.6492, 0.2850, 0.2750

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.



45.2894, 0.3142, 0.2916



45.2894, 0.3373, 0.3794



45.2894, 0.2673, 0.2851

Square

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



45.2894, 0.3373, 0.3794



45.2894, 0.2651, 0.3225



45.2894, 0.2869, 0.2827



45.2894, 0.3626, 0.3322

Rectangle

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



45.2894, 0.3373, 0.3794



45.2894, 0.2911, 0.3576



45.2894, 0.2869, 0.2827



45.2894, 0.3333, 0.3026

Sweetspot

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



45.2914, 0.3373, 0.3794



83.6186, 0.3200, 0.3437



34.4546, 0.3507, 0.3369



18.4418, 0.3208, 0.3453



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.



45.2914, 0.3373, 0.3794



80.4584, 0.3424, 0.3903



43.3034, 0.3212, 0.3820



10.4285, 0.3240, 0.3518



28.4208, 0.3917, 0.5272



1.0216, 0.3992, 0.5212

Inverse Universe

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



30.6492, 0.2850, 0.2750



49.7249, 0.2783, 0.2624



32.5309, 0.3023, 0.2777



8.7868, 0.3008, 0.3055



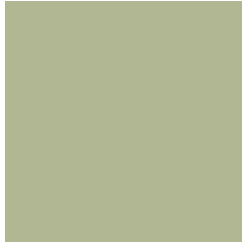
2.5909, 0.1576, 0.0642



0.1131, 0.1790, 0.0759

Previews

White Background



This preview shows how the Yxy color 45.2894, 0.3373, 0.3794 looks on a white background.

Color Contrast Check

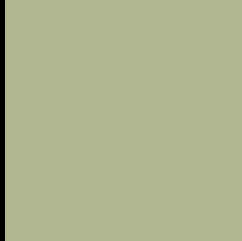
Large Text (above 18pt) WCAG AA × Fail

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 45.2894, 0.3373, 0.3794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

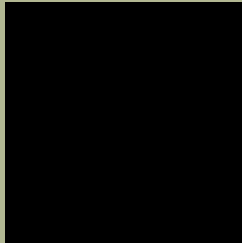
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2894, 0.3373, 0.3794

Background



This preview shows how black text looks on a background with the Yxy color 45.2894, 0.3373, 0.3794.



This preview shows how white text looks on a background with the Yxy color 45.2894, 0.3373, 0.3794.

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

45.2894, 0.3373, 0.3794

Protanopia

45.2010, 0.3519, 0.3752

Deuteranopia

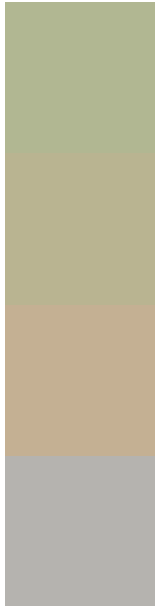
44.9086, 0.3666, 0.3592



Tritanopia

45.2731, 0.3067, 0.3109

Trichromacy



Original Color

45.2894, 0.3373, 0.3794

Protanomaly

45.0011, 0.3461, 0.3759

Deuteranomaly

44.8930, 0.3558, 0.3667

Tritanomaly

45.1591, 0.3177, 0.3343

Monochromacy



Original Color

45.2894, 0.3373, 0.3794

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.3405, 0.3215, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2894, 0.3373, 0.3794 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(177, 183, 146)` looks like.

```
.text, #text, p{  
    color:rgb(177, 183, 146)  
}
```

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(177, 183, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 183, 146) }
```

Border

The CSS property to change the border of an element to Yxy 45.2894, 0.3373, 0.3794 is called "border". The border property can be set on classes, ids or directly on the HTML element.

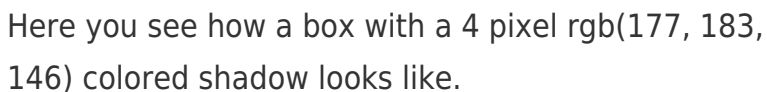
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 183, 146) }
```

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

```
.border{ border-color:rgb(177, 183, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 183, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 183, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 183, 146);  
box-shadow:4px 4px 4px 4px rgb(177, 183,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2894, 0.3373, 0.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 183, 146) }
```

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

```
.background{ background-color: rgb(177,  
183, 146) }
```

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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