

Converting Colors

$Yxy(43.4893, 0.3536, 0.4044)$

Have a look what the booklet for
Yxy(43.4893, 0.3536, 0.4044)
contains.

Yxy(43.3790, 0.3535, 0.4036)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.3790, 0.3535, 0.4036)

Conversions

Conversions Part 1

Format	Color
Hex	B0B47E
RGB	176, 180, 126
RGB Percent	69%, 71%, 49%
CMY	0.3097, 0.2941, 0.5059
CMYK	0.02, 0.00, 0.30, 0.29
HSL	64°, 26%, 60%
HSV	64°, 30%, 71%
XYZ	37.9942, 43.3790, 26.1069
YIQ	172.6480, 14.9500, -17.6420

Conversions

Conversions Part 2

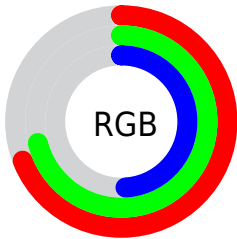
Format	Color
RYB	126, 180, 130
Decimal	11580542
CIELab	71.81, -10.17, 27.15
CIELCh	72, 28.993, 110.543
Yxy	43.3790, 0.3535, 0.4036
Android (android.graphics.Color)	4289770622 (0xFFB0B47E)
YUV	172.6480, -22.9975, 2.9397
Hunter-Lab	65.8627, -12.2885, 22.6023

Details

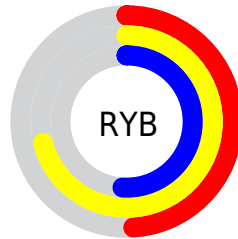
The Yxy color **43.3790, 0.3535, 0.4036** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **22.9599, 0.2645, 0.2438**, and the grayscale version is **41.7160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4014, 0.3463, 0.3899**, and **19.9115, 0.3649, 0.4259** is the 20% darker color. If you saturate the color by 10%, you get **42.8033, 0.3665, 0.4282**, and if you desaturate by 10%, it is **44.0437, 0.3399, 0.3784**.

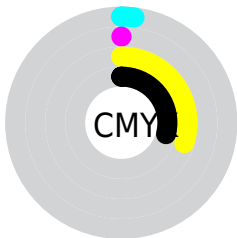
Distribution



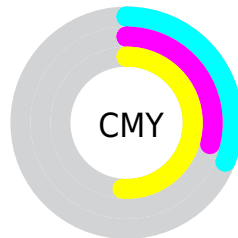
- Red (69%)
- Green (71%)
- Blue (49%)



- Red (49%)
- Yellow (71%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (30%)
- Black (29%)





- Cyan (31%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3790, 0.3535, 0.4036 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 43.3790, 0.3535, 0.4036 by changing the saturation by 10% instead.

 43.3790, 0.3535,
0.4036


 43.3790, 0.3535,
0.4036

360.1681, 0.3336,
0.3653


 30.1826, 0.3582,
0.4134


 80.2825, 0.3464,
0.3895

 19.9772, 0.3641,
0.4260


 104.7583, 0.3437,
0.3843

 12.3785, 0.3714,
0.4428


 133.7628, 0.3414,
0.3798

 7.0020, 0.3807,
0.4662

167.6803, 0.3394,
0.3761

 3.4633, 0.3928,
0.5014

206.8951, 0.3376,
0.3728

 1.3782, 0.4214,
0.5786

251.7918, 0.3361,

 0.2005, 0.0000,

0.3700

1.0000

302.7547, 0.3348,
0.3675

0.0000, 0.0000,
0.0000

43.3790, 0.3535,
0.4036

43.3790, 0.3535,
0.4036

42.8033, 0.3665,
0.4282

44.0437, 0.3399,
0.3784

42.3063, 0.3784,
0.4512

44.7957, 0.3262,
0.3533

41.8850, 0.3887,
0.4717


45.6409, 0.3127,
0.3290

41.5340, 0.3968,
0.4887


46.5829, 0.2998,
0.3060

41.2471, 0.4024,
0.5017


47.6251, 0.2877,
0.2845

 41.0169, 0.4055,
0.5103

 48.7709, 0.2764,
0.2647

 40.8283, 0.4065,
0.5154

 50.0233, 0.2660,
0.2465

 50.3816, 0.2651,
0.2439

 50.5493, 0.2660,
0.2441

Harmonies

Analogous

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



43.3790, 0.3843, 0.3894



43.3790, 0.3535, 0.4036



43.3790, 0.3130, 0.3954

Triad

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



43.3790, 0.3535, 0.4036



43.3790, 0.2362, 0.2886



43.3790, 0.3501, 0.2961

Complementary

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



43.3790, 0.3535, 0.4036



22.9599, 0.2645, 0.2438

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.



43.3790, 0.3080, 0.2728



43.3790, 0.3535, 0.4036



43.3790, 0.2443, 0.2670

Square

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



43.3790, 0.3535, 0.4036



43.3790, 0.2465, 0.3243



43.3790, 0.2698, 0.2621



43.3790, 0.3831, 0.3275

Rectangle

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



43.3790, 0.3535, 0.4036



43.3790, 0.2862, 0.3770



43.3790, 0.2698, 0.2621



43.3790, 0.3364, 0.2872

Sweetspot

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



43.3809, 0.3535, 0.4036



81.3476, 0.3250, 0.3512



27.0674, 0.3770, 0.3344



17.5371, 0.3270, 0.3547



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



43.3809, 0.3535, 0.4036



77.9494, 0.3622, 0.4200



40.5758, 0.3289, 0.4099



9.8742, 0.3252, 0.3516



28.5083, 0.4067, 0.5153



0.9064, 0.4104, 0.5123

Inverse Universe

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



22.9599, 0.2645, 0.2438



34.9388, 0.2517, 0.2218



25.3435, 0.2912, 0.2500



8.2591, 0.2996, 0.3055



2.3730, 0.1528, 0.0616



0.0845, 0.1645, 0.0680

Previews

White Background



This preview shows how the Yxy color 43.3790, 0.3535, 0.4036 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 43.3790, 0.3535, 0.4036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

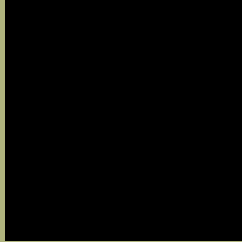
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3790, 0.3535, 0.4036

Background



This preview shows how black text looks on a background with the Yxy color 43.3790, 0.3535, 0.4036.



This preview shows how white text looks on a background with the Yxy color 43.3790, 0.3535, 0.4036.

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

43.3790, 0.3535, 0.4036

Protanopia

43.4531, 0.3700, 0.3980

Deuteranopia

42.9737, 0.3876, 0.3793



Tritanopia

43.2406, 0.3118, 0.3108

Trichromacy



Original Color

43.3790, 0.3535, 0.4036

Protanomaly

43.2392, 0.3640, 0.3991

Deuteranomaly

42.7731, 0.3749, 0.3879

Tritanomaly

43.1640, 0.3273, 0.3438

Monochromacy



Original Color

43.3790, 0.3535, 0.4036

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.4496, 0.3275, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3790, 0.3535, 0.4036 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(176, 180, 126)` looks like.

```
.text, #text, p{  
    color:rgb(176, 180, 126)  
}
```

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(176, 180, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 180, 126) }
```

Border

The CSS property to change the border of an element to Yxy 43.3790, 0.3535, 0.4036 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(176, 180, 126) }
```

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

```
.border{ border-color:rgb(176, 180, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 180, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 180, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 180, 126);  
box-shadow:4px 4px 4px 4px rgb(176, 180,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3790, 0.3535, 0.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 180, 126) }
```

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

```
.background{ background-color: rgb(176,  
180, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor