

Converting Colors

$Yxy(43.4190, 0.3180, 0.3452)$

Have a look what the booklet for
Yxy(43.4190, 0.3180, 0.3452)
contains.

Yxy(43.4782, 0.3181, 0.3454)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.4782, 0.3181, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	ADB2A6
RGB	173, 178, 166
RGB Percent	68%, 70%, 65%
CMY	0.3214, 0.3020, 0.3490
CMYK	0.03, 0.00, 0.07, 0.30
HSL	85°, 7%, 67%
HSV	85°, 7%, 70%
XYZ	40.0417, 43.4782, 42.3579
YIQ	175.1370, 0.8720, -4.7920

Conversions

Conversions Part 2

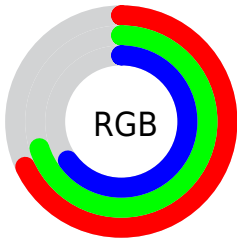
Format	Color
RYB	166, 178, 171
Decimal	11383462
CIELab	71.88, -3.96, 5.51
CIELCh	72, 6.789, 125.695
Yxy	43.4782, 0.3181, 0.3454
Android (android.graphics.Color)	4289573542 (0xFFADB2A6)
YUV	175.1370, -4.5045, -1.8741
Hunter-Lab	65.9380, -6.9950, 8.0693

Details

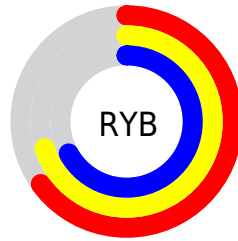
The Yxy color **43.4782, 0.3181, 0.3454** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1411, 0.3071, 0.3125**, and the grayscale version is **42.9708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5601, 0.3168, 0.3427**, and **19.9471, 0.3202, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **42.0542, 0.3261, 0.3713**, and if you desaturate by 10%, it is **45.0427, 0.3101, 0.3214**.

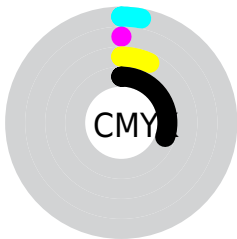
Distribution



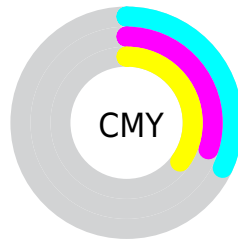
- Red (68%)
- Green (70%)
- Blue (65%)



- Red (65%)
- Yellow (70%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4782, 0.3181, 0.3454 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 43.4782, 0.3181, 0.3454 by changing the saturation by 10% instead.

■ 43.4782, 0.3181,
0.3454

■ 43.4782, 0.3181,
0.3454

360.5747, 0.3154,
0.3370

■ 30.2605, 0.3188,
0.3475

■ 80.4320, 0.3171,
0.3423

■ 20.0364, 0.3196,
0.3503

■ 104.9369, 0.3168,
0.3412

■ 12.4215, 0.3208,
0.3541

133.9729, 0.3164,
0.3402

■ 7.0314, 0.3224,
0.3595

167.9245, 0.3162,
0.3394

■ 3.4818, 0.3248,
0.3678

207.1761, 0.3159,
0.3387

■ 1.3881, 0.3287,
0.3824

252.1121, 0.3157,

■ 0.2079, 0.3268,

0.3381

0.6732

303.1168, 0.3156,
0.3375

0.0000, 0.0000,
0.0000

43.4782, 0.3181,
0.3454

43.4782, 0.3181,
0.3454

42.0542, 0.3261,
0.3713

45.0427, 0.3101,
0.3214

40.7607, 0.3339,
0.3987

46.7463, 0.3024,
0.2994

39.5947, 0.3412,
0.4271

48.5948, 0.2951,
0.2795

38.5514, 0.3474,
0.4556

50.5921, 0.2881,
0.2616

37.6252, 0.3523,
0.4830

52.7418, 0.2816,
0.2455

■ 36.8102, 0.3552,
0.5080

■ 53.8475, 0.2871,
0.2468

■ 36.0999, 0.3560,
0.5293

■ 55.0036, 0.2927,
0.2481

■ 35.4866, 0.3543,
0.5460

■ 56.2108, 0.2984,
0.2494

■ 34.9602, 0.3506,
0.5576

■ 57.4697, 0.3041,
0.2508

Harmonies

Analogous

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



43.4782, 0.3266, 0.3454



43.4782, 0.3181, 0.3454



43.4782, 0.3083, 0.3408

Triad

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



43.4782, 0.3181, 0.3454



43.4782, 0.2944, 0.3167



43.4782, 0.3258, 0.3250

Complementary

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



43.4782, 0.3181, 0.3454



39.1411, 0.3071, 0.3125

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.



43.4782, 0.3170, 0.3177



43.4782, 0.3181, 0.3454



43.4782, 0.2989, 0.3128

Square

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



43.4782, 0.3181, 0.3454



43.4782, 0.2947, 0.3240



43.4782, 0.3071, 0.3132



43.4782, 0.3311, 0.3335

Rectangle

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



43.4782, 0.3181, 0.3454



43.4782, 0.3023, 0.3358



43.4782, 0.3071, 0.3132



43.4782, 0.3231, 0.3224

Sweetspot

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



43.4801, 0.3181, 0.3454



80.1544, 0.3143, 0.3339



41.2676, 0.3234, 0.3356



17.7649, 0.3142, 0.3336



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.



43.4801, 0.3181, 0.3454



78.4760, 0.3192, 0.3489



42.8297, 0.3130, 0.3456



9.7278, 0.3202, 0.3519



24.9394, 0.3499, 0.5603



0.8179, 0.3694, 0.5449

Inverse Universe

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



39.1411, 0.3071, 0.3125



69.0613, 0.3058, 0.3090



39.8102, 0.3124, 0.3128



8.3962, 0.3047, 0.3059



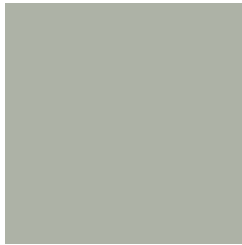
3.3677, 0.1882, 0.0810



0.1405, 0.2217, 0.0995

Previews

White Background



This preview shows how the Yxy color 43.4782, 0.3181, 0.3454 looks on a white background.

Color Contrast Check

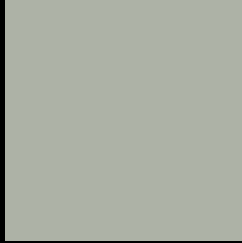
Large Text (above 18pt) WCAG AA × Fail

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 43.4782, 0.3181, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

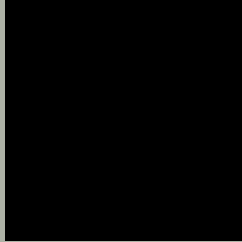
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

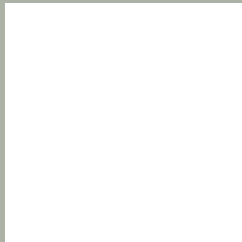
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4782, 0.3181, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 43.4782, 0.3181, 0.3454.



This preview shows how white text looks on a background with the Yxy color 43.4782, 0.3181, 0.3454.

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

43.4782, 0.3181, 0.3454

Protanopia

43.3216, 0.3273, 0.3424

Deuteranopia

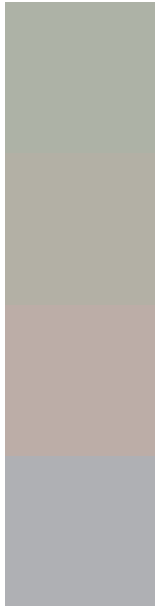
43.3124, 0.3385, 0.3317



Tritanopia

43.5209, 0.3031, 0.3118

Trichromacy



Original Color

43.4782, 0.3181, 0.3454

Protanomaly

43.3510, 0.3245, 0.3439

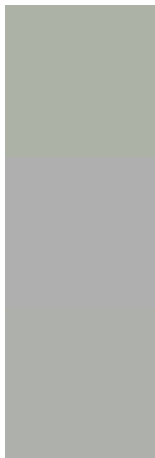
Deuteranomaly

43.3685, 0.3314, 0.3370

Tritanomaly

43.4599, 0.3086, 0.3236

Monochromacy



Original Color

43.4782, 0.3181, 0.3454

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.0279, 0.3142, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4782, 0.3181, 0.3454 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(173, 178, 166)` looks like.

```
.text, #text, p{  
    color:rgb(173, 178, 166)  
}
```

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(173, 178, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 178, 166) }
```

Border

The CSS property to change the border of an element to Yxy 43.4782, 0.3181, 0.3454 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(173, 178, 166) }
```

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

```
.border{ border-color:rgb(173, 178, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 178, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 178, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 178, 166);  
box-shadow:4px 4px 4px 4px rgb(173, 178,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4782, 0.3181, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 178, 166) }
```

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

```
.background{ background-color: rgb(173,  
178, 166) }
```

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