

# Converting Colors

$Yxy(43.9733, 0.3116, 0.3519)$

Have a look what the booklet for  
Yxy(43.9733, 0.3116, 0.3519)  
contains.

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# Color

**Yxy(44.1718, 0.3116, 0.3526)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5B6A5
RGB	165, 182, 165
RGB Percent	65%, 71%, 65%
CMY	0.3530, 0.2863, 0.3529
CMYK	0.09, 0.00, 0.09, 0.29
HSL	120°, 10%, 68%
HSV	120°, 9%, 71%
XYZ	39.0355, 44.1718, 42.0672
YIQ	174.9790, -4.6750, -8.8910

# Conversions

## Conversions Part 2

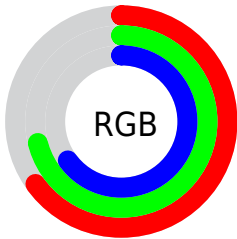
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 182, 182
Decimal	10860197
CIELab	72.34, -9.13, 6.65
CIELCh	72, 11.296, 143.935
Yxy	44.1718, 0.3116, 0.3526
Android (android.graphics.Color)	4289050277 (0xFFA5B6A5)
YUV	174.9790, -4.9196, -8.7516
Hunter-Lab	66.4619, -11.4685, 8.9956

# Details

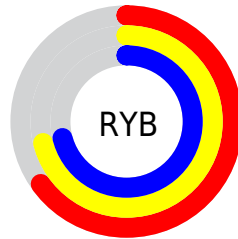
The Yxy color **44.1718, 0.3116, 0.3526** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2310, 0.3138, 0.3065**, and the grayscale version is **42.8864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5320, 0.3118, 0.3482**, and **20.4035, 0.3113, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **41.7430, 0.3103, 0.3812**, and if you desaturate by 10%, it is **46.9764, 0.3128, 0.3275**.

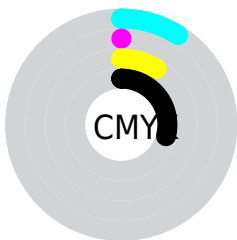
# Distribution



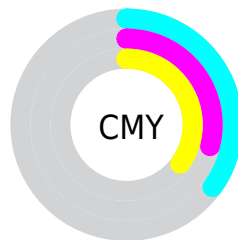
- Red (65%)
- Green (71%)
- Blue (65%)



- Red (65%)
- Yellow (71%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)




- Cyan (35%)
- Magenta (29%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1718, 0.3116, 0.3526 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 44.1718, 0.3116, 0.3526 by changing the saturation by 10% instead.





 44.1718, 0.3116,  
0.3526


 44.1718, 0.3116,  
0.3526


363.4089, 0.3123,  
0.3405

 30.8056, 0.3114,  
0.3557


 81.4762, 0.3119,  
0.3481

 20.4509, 0.3111,  
0.3598


 106.1832, 0.3120,  
0.3465

 12.7232, 0.3107,  
0.3653


135.4392, 0.3120,  
0.3451

 7.2382, 0.3101,  
0.3732

169.6287, 0.3121,  
0.3439

 3.6115, 0.3090,  
0.3856

209.1360, 0.3121,  
0.3429

 1.4587, 0.3067,  
0.4073

254.3455, 0.3122,


 0.2594, 0.0835,


0.3420

0.9165

305.6417, 0.3122,  
0.3412


 0.0000, 0.0000,  
0.0000


 44.1718, 0.3116,  
0.3526


 44.1718, 0.3116,  
0.3526


 41.7430, 0.3103,  
0.3812


 46.9764, 0.3128,  
0.3275

 39.6686, 0.3087,  
0.4130


 50.1657, 0.3138,  
0.3056


 37.9338, 0.3071,  
0.4473

 53.7555, 0.3147,  
0.2868

 36.5205, 0.3055,  
0.4828

 57.7592, 0.3155,  
0.2707

 35.4089, 0.3038,  
0.5175

 61.9383, 0.3161,  
0.2575

■ 34.5772, 0.3024,  
0.5486

■ 34.0005, 0.3012,  
0.5735

■ 33.6494, 0.3004,  
0.5903

■ 33.4688, 0.3000,  
0.5994

# Harmonies

## Analogous

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



44.1718, 0.3275, 0.3573



44.1718, 0.3116, 0.3526



44.1718, 0.2963, 0.3410

# Triad

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



44.1718, 0.3116, 0.3526



44.1718, 0.2862, 0.3040



44.1718, 0.3406, 0.3308

# Complementary

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



44.1718, 0.3116, 0.3526



40.2310, 0.3138, 0.3065

# 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.



44.1718, 0.3291, 0.3173



44.1718, 0.3116, 0.3526



44.1718, 0.2976, 0.3020

# Square

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



44.1718, 0.3116, 0.3526



44.1718, 0.2819, 0.3127



44.1718, 0.3132, 0.3069



44.1718, 0.3445, 0.3442



# Rectangle

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



44.1718, 0.3116, 0.3526



44.1718, 0.2884, 0.3312



44.1718, 0.3132, 0.3069



44.1718, 0.3375, 0.3261

# Sweetspot

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



44.1737, 0.3116, 0.3526



83.1996, 0.3124, 0.3364



46.1205, 0.3264, 0.3516



18.2847, 0.3123, 0.3384



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.



44.1737, 0.3116, 0.3526



79.2207, 0.3114, 0.3576



44.4934, 0.3050, 0.3407



10.0602, 0.3116, 0.3526



23.6264, 0.3000, 0.6000



0.8329, 0.2999, 0.5998



# Inverse Universe

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



40.2310, 0.3138, 0.3065



70.7727, 0.3140, 0.3020



39.8903, 0.3212, 0.3176



9.1627, 0.3138, 0.3065



9.4050, 0.3211, 0.1542



0.3316, 0.3210, 0.1542



# Previews

## White Background



This preview shows how the Yxy color 44.1718, 0.3116, 0.3526 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

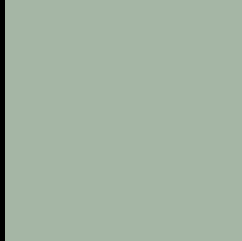
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 44.1718, 0.3116, 0.3526 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

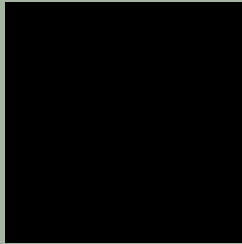
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

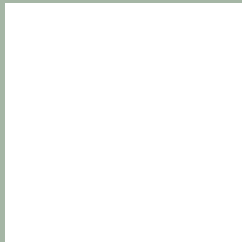
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 44.1718, 0.3116, 0.3526**

## Background



This preview shows how black text looks on a background with the Yxy color 44.1718, 0.3116, 0.3526.



This preview shows how white text looks on a background with the Yxy color 44.1718, 0.3116, 0.3526.

# 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

44.1718, 0.3116, 0.3526

### Protanopia

44.2433, 0.3314, 0.3490

### Deuteranopia

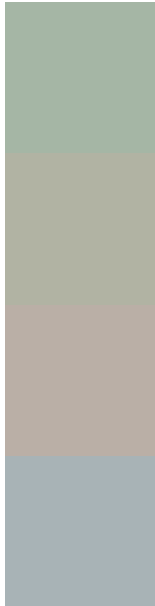
43.9216, 0.3411, 0.3342



## Tritanopia

44.0816, 0.2942, 0.3103

# Trichromacy



## Original Color

44.1718, 0.3116, 0.3526

## Protanomaly

44.2317, 0.3240, 0.3507

## Deuteranomaly

43.8522, 0.3301, 0.3410

## Tritanomaly

43.9424, 0.3010, 0.3249

# Monochromacy



## Original Color

44.1718, 0.3116, 0.3526

## Achromatopsia

42.8690, 0.3127, 0.3290

## Achromatomaly

43.4390, 0.3123, 0.3386

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.1718, 0.3116, 0.3526 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(165, 182, 165)` looks like.

```
.text, #text, p{  
    color:rgb(165, 182, 165)  
}
```

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(165, 182, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 182, 165) }
```

## Border

The CSS property to change the border of an element to Yxy 44.1718, 0.3116, 0.3526 is called "border". The border property can be set on classes, ids or directly on the HTML element.

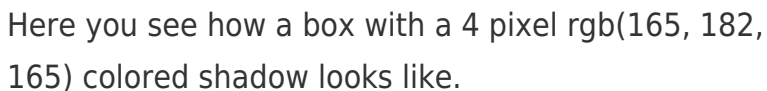
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 182, 165) }
```

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

```
.border{ border-color:rgb(165, 182, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 182, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 182, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 182, 165); box-shadow:4px 4px 4px 4px rgb(165, 182, 165) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.1718, 0.3116, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 182, 165) }
```

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

```
.background{ background-color: rgb(165,  
182, 165) }
```

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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