

# Converting Colors

Yxy(44.4198, 0.3061, 0.3395)

Have a look what the booklet for  
Yxy(44.4198, 0.3061, 0.3395)  
contains.

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# Color

**Yxy(44.2107, 0.3055, 0.3386)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6B5AE
RGB	166, 181, 174
RGB Percent	65%, 71%, 68%
CMY	0.3490, 0.2902, 0.3177
CMYK	0.08, 0.00, 0.04, 0.29
HSL	152°, 9%, 68%
HSV	152°, 8%, 71%
XYZ	39.8889, 44.2107, 46.4695
YIQ	175.7170, -6.6930, -5.3570

# Conversions

## Conversions Part 2

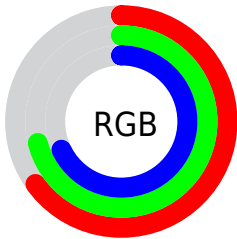
Format	Color
<a href="#">RYB</a>	<a href="#">166, 176, 181</a>
Decimal	<a href="#">10925486</a>
CIELab	<a href="#">72.37, -6.55, 1.78</a>
CIELCh	<a href="#">72, 6.792, 164.799</a>
Yxy	<a href="#">44.2107, 0.3055, 0.3386</a>
Android (android.graphics.Color)	<a href="#">4289115566</a> ( <a href="#">0xFFA6B5AE</a> )
YUV	<a href="#">175.7170, -0.8465, -8.5218</a>
Hunter-Lab	<a href="#">66.4911, -9.2751, 5.1070</a>

# Details

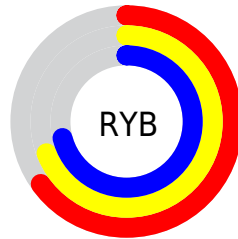
The Yxy color **44.2107, 0.3055, 0.3386** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1152, 0.3206, 0.3196**, and the grayscale version is **43.2688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5977, 0.3070, 0.3374**, and **20.4209, 0.3029, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **42.0723, 0.2970, 0.3514**, and if you desaturate by 10%, it is **46.6490, 0.3142, 0.3271**.

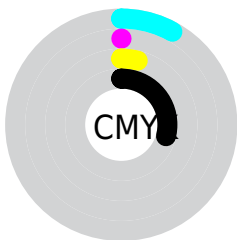
# Distribution



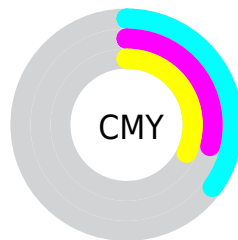
- Red (65%)
- Green (71%)
- Blue (68%)



- Red (65%)
- Yellow (69%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)




- Cyan (35%)
- Magenta (29%)
- Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2107, 0.3055, 0.3386 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 44.2107, 0.3055, 0.3386 by changing the saturation by 10% instead.




 44.2107, 0.3055,  
0.3386


 44.2107, 0.3055,  
0.3386

363.5674, 0.3092,  
0.3337

 30.8362, 0.3046,  
0.3398


 81.5347, 0.3068,  
0.3368

 20.4741, 0.3034,  
0.3415


 106.2530, 0.3073,  
0.3361

 12.7402, 0.3017,  
0.3436


135.5213, 0.3078,  
0.3356

 7.2499, 0.2994,  
0.3467

169.7241, 0.3081,  
0.3351

 3.6189, 0.2959,  
0.3515

209.2457, 0.3084,  
0.3347

 1.4627, 0.2898,  
0.3597

254.4705, 0.3087,

 0.2623, 0.1742,

0.3343

0.5116

305.7829, 0.3089,  
0.3340

0.0000, 0.0000,  
0.0000

44.2107, 0.3055,  
0.3386

44.2107, 0.3055,  
0.3386

42.0723, 0.2970,  
0.3514

46.6490, 0.3142,  
0.3271

40.2163, 0.2890,  
0.3655

49.3926, 0.3230,  
0.3169

38.6320, 0.2816,  
0.3809

52.4540, 0.3316,  
0.3079

37.3058, 0.2754,  
0.3975

55.8433, 0.3400,  
0.3000

36.2228, 0.2705,  
0.4150

59.2836, 0.3468,  
0.2929

■ 35.3667, 0.2672,  
0.4330

■ 59.7336, 0.3398,  
0.2846

■ 34.7189, 0.2658,  
0.4513

■ 60.2065, 0.3329,  
0.2765

■ 34.2579, 0.2665,  
0.4692

■ 60.7026, 0.3262,  
0.2685

■ 33.9482, 0.2688,  
0.4865

■ 61.2222, 0.3197,  
0.2608

# Harmonies

## Analogous

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



44.2107, 0.3151, 0.3444



44.2107, 0.3055, 0.3386



44.2107, 0.2979, 0.3302

# Triad

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



44.2107, 0.3055, 0.3386



44.2107, 0.3012, 0.3126



44.2107, 0.3316, 0.3360

# Complementary

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



44.2107, 0.3055, 0.3386



40.1152, 0.3206, 0.3196

# 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.



44.2107, 0.3278, 0.3276



44.2107, 0.3055, 0.3386



44.2107, 0.3101, 0.3142

# Square

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



44.2107, 0.3055, 0.3386



44.2107, 0.2954, 0.3152



44.2107, 0.3198, 0.3197



44.2107, 0.3303, 0.3427



# Rectangle

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



44.2107, 0.3055, 0.3386



44.2107, 0.2949, 0.3243



44.2107, 0.3198, 0.3197



44.2107, 0.3309, 0.3333

# Sweetspot

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



44.2126, 0.3055, 0.3386



81.8449, 0.3109, 0.3313



44.7162, 0.3180, 0.3494



17.7000, 0.3110, 0.3312



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.



44.2126, 0.3055, 0.3386



78.4192, 0.3039, 0.3409



44.3918, 0.3001, 0.3286



9.5632, 0.3046, 0.3399



23.3834, 0.2687, 0.4873



0.7474, 0.2552, 0.4386



# Inverse Universe

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



40.1152, 0.3206, 0.3196



69.5321, 0.3225, 0.3174



39.9417, 0.3267, 0.3294



8.5692, 0.3216, 0.3184



7.2342, 0.5064, 0.2563

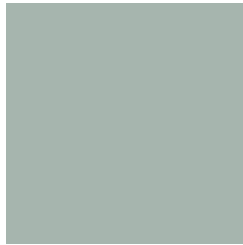


0.2394, 0.4417, 0.2207



# Previews

## White Background



This preview shows how the Yxy color 44.2107, 0.3055, 0.3386 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

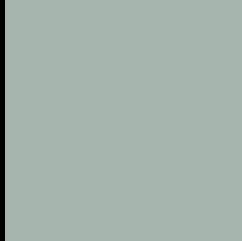
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 44.2107, 0.3055, 0.3386 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

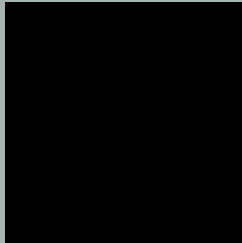
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

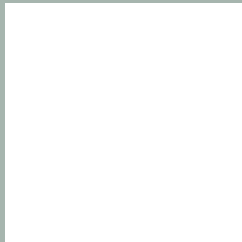
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 44.2107, 0.3055, 0.3386**

## **Background**



This preview shows how black text looks on a background with the Yxy color 44.2107, 0.3055, 0.3386.



This preview shows how white text looks on a background with the Yxy color 44.2107, 0.3055, 0.3386.

# 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

44.2107, 0.3055, 0.3386

### Protanopia

43.9360, 0.3222, 0.3357

### Deuteranopia

44.2417, 0.3302, 0.3239



## Tritanopia

44.0816, 0.2942, 0.3103

# Trichromacy



## Original Color

44.2107, 0.3055, 0.3386

## Protanomaly

44.0495, 0.3158, 0.3371

## Deuteranomaly

43.9454, 0.3207, 0.3290

## Tritanomaly

44.0678, 0.2987, 0.3209

# Monochromacy



## Original Color

44.2107, 0.3055, 0.3386

## Achromatopsia

43.4154, 0.3127, 0.3290

## Achromatomaly

43.7066, 0.3099, 0.3331

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.2107, 0.3055, 0.3386 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(166, 181, 174)` looks like.

```
.text, #text, p{  
    color:rgb(166, 181, 174)  
}
```

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(166, 181, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 181, 174) }
```

## Border

The CSS property to change the border of an element to Yxy 44.2107, 0.3055, 0.3386 is called "border". The border property can be set on classes, ids or directly on the HTML element.

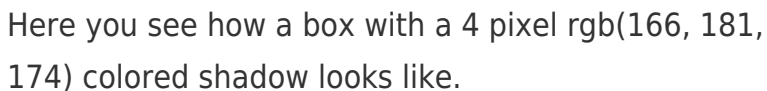
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 181, 174) }
```

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

```
.border{ border-color:rgb(166, 181, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 181, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 181, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 181, 174); box-shadow:4px 4px 4px 4px rgb(166, 181, 174) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.2107, 0.3055, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 181, 174) }
```

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

```
.background{ background-color: rgb(166,  
181, 174) }
```

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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