

Converting Colors

$Yxy(43.3917, 0.3063, 0.3480)$

Have a look what the booklet for
Yxy(43.3917, 0.3063, 0.3480)
contains.

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Color

Yxy(43.4148, 0.3067, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	A1B5A7
RGB	161, 181, 167
RGB Percent	63%, 71%, 65%
CMY	0.3686, 0.2902, 0.3451
CMYK	0.11, 0.00, 0.08, 0.29
HSL	138°, 12%, 67%
HSV	138°, 11%, 71%
XYZ	38.1966, 43.4148, 42.9291
YIQ	173.4240, -7.4260, -8.5940

Conversions

Conversions Part 2

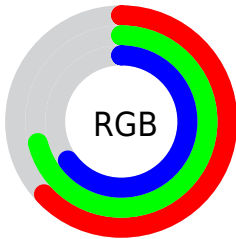
Format	Color
RYB	161, 176, 181
Decimal	10597799
CIELab	71.84, -9.63, 4.79
CIELCh	72, 10.750, 153.559
Yxy	43.4148, 0.3067, 0.3486
Android (android.graphics.Color)	4288787879 (0xFFA1B5A7)
YUV	173.4240, -3.1670, -10.8958
Hunter-Lab	65.8899, -11.8304, 7.4939

Details

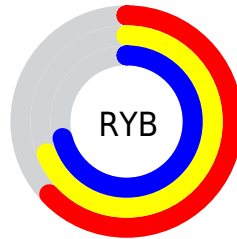
The Yxy color **43.4148, 0.3067, 0.3486** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4076, 0.3193, 0.3102**, and the grayscale version is **42.0369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4412, 0.3080, 0.3451**, and **19.9274, 0.3046, 0.3545** is the 20% darker color. If you saturate the color by 10%, you get **41.2246, 0.3013, 0.3687**, and if you desaturate by 10%, it is **45.9267, 0.3121, 0.3308**.

Distribution



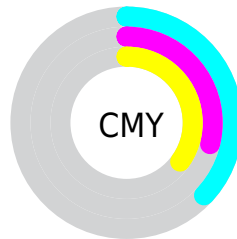
- Red (63%)
- Green (71%)
- Blue (65%)



- Red (63%)
- Yellow (69%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)




- Cyan (37%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4148, 0.3067, 0.3486 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 43.4148, 0.3067, 0.3486 by changing the saturation by 10% instead.


 43.4148, 0.3067,
0.3486


 43.4148, 0.3067,
0.3486

360.3149, 0.3098,
0.3386

 30.2107, 0.3059,
0.3512


 80.3364, 0.3079,
0.3449

 19.9986, 0.3048,
0.3546


 104.8228, 0.3083,
0.3435

 12.3940, 0.3034,
0.3592


133.8386, 0.3086,
0.3424

 7.0126, 0.3013,
0.3658

167.7684, 0.3089,
0.3414

 3.4700, 0.2979,
0.3762

206.9966, 0.3092,
0.3405

 1.3817, 0.2919,
0.3946

251.9074, 0.3094,

 0.2032, 0.0000,

0.3398

1.0000

302.8854, 0.3096,
0.3391

0.0000, 0.0000,
0.0000

43.4148, 0.3067,
0.3486

43.4148, 0.3067,
0.3486

41.2246, 0.3013,
0.3687

45.9267, 0.3121,
0.3308

39.3378, 0.2962,
0.3909

48.7671, 0.3175,
0.3150

37.7421, 0.2916,
0.4151

51.9493, 0.3227,
0.3012

36.4228, 0.2878,
0.4409

55.4843, 0.3277,
0.2892

35.3636, 0.2852,
0.4675

59.3826, 0.3324,
0.2788

■ 34.5462, 0.2839,
0.4940

■ 60.7795, 0.3252,
0.2674

■ 33.9502, 0.2842,
0.5192

■ 61.5297, 0.3161,
0.2566

■ 33.5515, 0.2861,
0.5418

■ 33.3196, 0.2887,
0.5592

Harmonies

Analogous

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



43.4148, 0.3222, 0.3555



43.4148, 0.3067, 0.3486



43.4148, 0.2931, 0.3361

Triad

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



43.4148, 0.3067, 0.3486



43.4148, 0.2902, 0.3037



43.4148, 0.3415, 0.3350

Complementary

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



43.4148, 0.3067, 0.3486



38.4076, 0.3193, 0.3102

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.



43.4148, 0.3325, 0.3217



43.4148, 0.3067, 0.3486



43.4148, 0.3027, 0.3040

Square

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



43.4148, 0.3067, 0.3486



43.4148, 0.2837, 0.3101



43.4148, 0.3182, 0.3105



43.4148, 0.3426, 0.3471

Rectangle

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



43.4148, 0.3067, 0.3486



43.4148, 0.2868, 0.3265



43.4148, 0.3182, 0.3105



43.4148, 0.3393, 0.3305

Sweetspot

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



43.4166, 0.3067, 0.3486



81.3053, 0.3111, 0.3341



44.7370, 0.3236, 0.3562



17.4927, 0.3106, 0.3355



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.



43.4166, 0.3067, 0.3486



76.8572, 0.3055, 0.3528



43.8008, 0.2990, 0.3345



9.5307, 0.3076, 0.3453



22.9795, 0.2881, 0.5570



0.7336, 0.2715, 0.4975

Inverse Universe

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



38.4076, 0.3193, 0.3102



66.2885, 0.3207, 0.3064



38.0292, 0.3284, 0.3236



8.6024, 0.3182, 0.3132



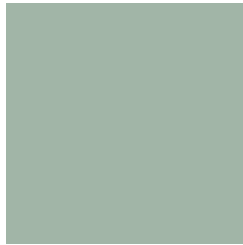
7.8345, 0.4131, 0.2050



0.2562, 0.3819, 0.1877

Previews

White Background



This preview shows how the Yxy color 43.4148, 0.3067, 0.3486 looks on a white background.

Color Contrast Check

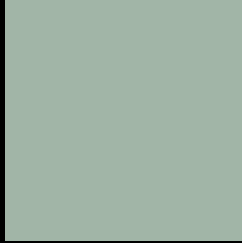
Large Text (above 18pt) WCAG AA × Fail

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 43.4148, 0.3067, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

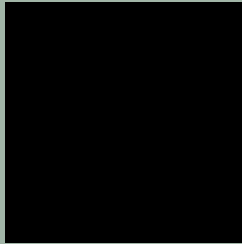
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

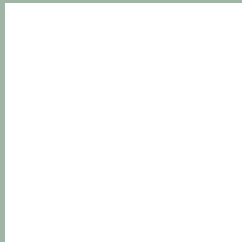
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4148, 0.3067, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 43.4148, 0.3067, 0.3486.



This preview shows how white text looks on a background with the Yxy color 43.4148, 0.3067, 0.3486.

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

43.4148, 0.3067, 0.3486

Protanopia

43.2854, 0.3282, 0.3438

Deuteranopia

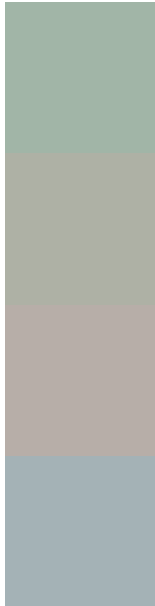
43.2161, 0.3367, 0.3304



Tritanopia

43.2052, 0.2917, 0.3101

Trichromacy



Original Color

43.4148, 0.3067, 0.3486

Protanomaly

43.1596, 0.3199, 0.3454

Deuteranomaly

43.1665, 0.3258, 0.3370

Tritanomaly

43.1107, 0.2977, 0.3235

Monochromacy



Original Color

43.4148, 0.3067, 0.3486

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.4260, 0.3106, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4148, 0.3067, 0.3486 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(161, 181, 167)` looks like.

```
.text, #text, p{  
    color:rgb(161, 181, 167)  
}
```

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(161, 181, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 181, 167) }
```

Border

The CSS property to change the border of an element to Yxy 43.4148, 0.3067, 0.3486 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(161, 181, 167) }
```

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

```
.border{ border-color:rgb(161, 181, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 181, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 181, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 181, 167);  
box-shadow:4px 4px 4px 4px rgb(161, 181,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4148, 0.3067, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 181, 167) }
```

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

```
.background{ background-color: rgb(161,  
181, 167) }
```

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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