

Converting Colors

$Yxy(43.0567, 0.3064, 0.3352)$

Have a look what the booklet for
Yxy(43.0567, 0.3064, 0.3352)
contains.

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Color

Yxy(43.1123, 0.3064, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	A7B2AE
RGB	167, 178, 174
RGB Percent	65%, 70%, 68%
CMY	0.3452, 0.3019, 0.3177
CMYK	0.06, 0.00, 0.02, 0.30
HSL	158°, 7%, 68%
HSV	158°, 6%, 70%
XYZ	39.4906, 43.1123, 46.2829
YIQ	174.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

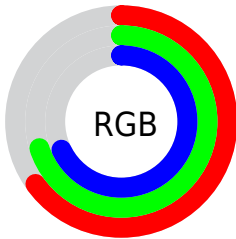
Format	Color
RYB	167, 174, 178
Decimal	10990254
CIELab	71.63, -4.62, 0.71
CIELCh	72, 4.678, 171.264
Yxy	43.1123, 0.3064, 0.3345
Android (android.graphics.Color)	4289180334 (0xFFA7B2AE)
YUV	174.2550, -0.1257, -6.3626
Hunter-Lab	65.6600, -7.5477, 4.1692

Details

The Yxy color **43.1123, 0.3064, 0.3345** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0304, 0.3195, 0.3236**, and the grayscale version is **42.4661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0324, 0.3078, 0.3343**, and **19.7172, 0.3041, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **41.0611, 0.2965, 0.3442**, and if you desaturate by 10%, it is **45.4462, 0.3166, 0.3258**.

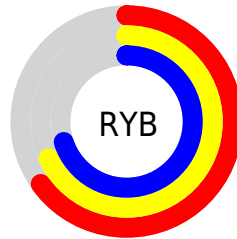
Distribution



Red (65%)

Green (70%)

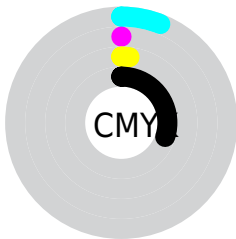
Blue (68%)



Red (65%)

Yellow (68%)

Blue (70%)

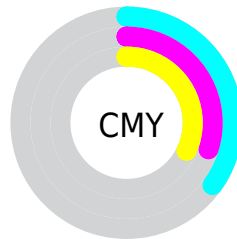


Cyan (6%)

Magenta (0%)

Yellow (2%)

Black (30%)



Cyan (35%)


Magenta (30%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1123, 0.3064, 0.3345 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 43.1123, 0.3064, 0.3345 by changing the saturation by 10% instead.


 43.1123, 0.3064,
0.3345


 43.1123, 0.3064,
0.3345


359.0734, 0.3096,
0.3317

 29.9732, 0.3056,
0.3352


 79.8803, 0.3076,
0.3335

 19.8183, 0.3045,
0.3361


 104.2780, 0.3080,
0.3331

 12.2630, 0.3031,
0.3374


133.1974, 0.3084,
0.3328

 6.9231, 0.3011,
0.3392


167.0229, 0.3087,
0.3325

 3.4140, 0.2980,
0.3419

206.1388, 0.3090,
0.3323

 1.3515, 0.2926,
0.3466

250.9296, 0.3092,

 0.1806, 0.1521,

0.3321

0.4675

301.7797, 0.3094,
0.3319

0.0000, 0.0000,
0.0000

43.1123, 0.3064,
0.3345

43.1123, 0.3064,
0.3345

41.0611, 0.2965,
0.3442

45.4462, 0.3166,
0.3258

39.2761, 0.2870,
0.3548

48.0677, 0.3269,
0.3181

37.7473, 0.2784,
0.3663

50.9884, 0.3371,
0.3112

36.4622, 0.2709,
0.3788

54.2177, 0.3470,
0.3052

35.4069, 0.2647,
0.3919

57.5799, 0.3559,
0.2998

■ 34.5664, 0.2602,
0.4055

■ 57.9016, 0.3503,
0.2933

■ 33.9236, 0.2576,
0.4195

■ 58.2364, 0.3448,
0.2869

■ 33.4587, 0.2570,
0.4334

■ 58.5845, 0.3394,
0.2806

■ 33.1457, 0.2583,
0.4471

■ 58.9460, 0.3341,
0.2744

Harmonies

Analogous

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



43.1123, 0.3130, 0.3390



43.1123, 0.3064, 0.3345



43.1123, 0.3016, 0.3285

Triad

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



43.1123, 0.3064, 0.3345



43.1123, 0.3059, 0.3175



43.1123, 0.3259, 0.3351

Complementary

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



43.1123, 0.3064, 0.3345



40.0304, 0.3195, 0.3236

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.



43.1123, 0.3240, 0.3293



43.1123, 0.3064, 0.3345



43.1123, 0.3124, 0.3193

Square

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



43.1123, 0.3064, 0.3345



43.1123, 0.3013, 0.3188



43.1123, 0.3190, 0.3236



43.1123, 0.3243, 0.3392

Rectangle

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



43.1123, 0.3064, 0.3345



43.1123, 0.3000, 0.3246



43.1123, 0.3190, 0.3236



43.1123, 0.3257, 0.3333

Sweetspot

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



43.1141, 0.3064, 0.3345



79.8725, 0.3106, 0.3308



43.2951, 0.3155, 0.3442



17.7057, 0.3107, 0.3307



91.1408, 0.3127, 0.3290



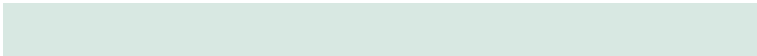
17.8868, 0.3127, 0.3290

Same Dimension

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



43.1141, 0.3064, 0.3345



77.8099, 0.3055, 0.3353



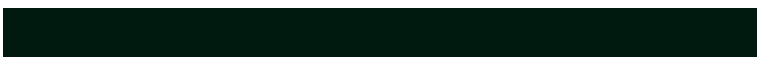
42.6899, 0.3033, 0.3270



9.6677, 0.3051, 0.3357



23.6528, 0.2585, 0.4507



0.7549, 0.2479, 0.4126

Inverse Universe

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



40.0304, 0.3195, 0.3236



71.4352, 0.3205, 0.3227



40.4224, 0.3228, 0.3310



8.8386, 0.3209, 0.3224



7.0540, 0.5488, 0.2797



0.2334, 0.4715, 0.2371

Previews

White Background



This preview shows how the Yxy color 43.1123, 0.3064, 0.3345 looks on a white background.

Color Contrast Check

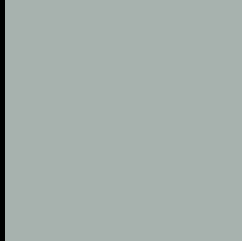
Large Text (above 18pt) WCAG AA × Fail

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 43.1123, 0.3064, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

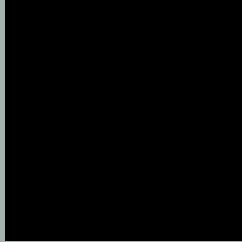
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

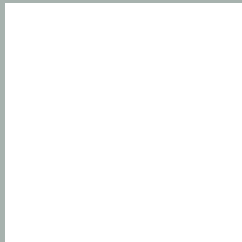
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1123, 0.3064, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 43.1123, 0.3064, 0.3345.



This preview shows how white text looks on a background with the Yxy color 43.1123, 0.3064, 0.3345.

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

43.1123, 0.3064, 0.3345

Protanopia

42.8344, 0.3188, 0.3317

Deuteranopia

43.0905, 0.3277, 0.3213



Tritanopia

43.3144, 0.2965, 0.3103

Trichromacy



Original Color

43.1123, 0.3064, 0.3345

Protanomaly

42.7910, 0.3144, 0.3317

Deuteranomaly

43.0496, 0.3200, 0.3264

Tritanomaly

43.3400, 0.3003, 0.3195

Monochromacy



Original Color

43.1123, 0.3064, 0.3345

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3739, 0.3100, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1123, 0.3064, 0.3345 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(167, 178, 174)` looks like.

```
.text, #text, p{  
    color:rgb(167, 178, 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(167, 178, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 178, 174) }
```

Border

The CSS property to change the border of an element to Yxy 43.1123, 0.3064, 0.3345 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(167, 178, 174) }
```

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

```
.border{ border-color:rgb(167, 178, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 178, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 178, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 178, 174);  
box-shadow:4px 4px 4px 4px rgb(167, 178,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1123, 0.3064, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 178, 174) }
```

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

```
.background{ background-color: rgb(167,  
178, 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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