

Converting Colors

$Yxy(43.0234, 0.3347, 0.3871)$

Have a look what the booklet for
Yxy(43.0234, 0.3347, 0.3871)
contains.

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Color

Yxy(43.2367, 0.3352, 0.3882)

Conversions

Conversions Part 1

Format	Color
Hex	A8B58B
RGB	168, 181, 139
RGB Percent	66%, 71%, 55%
CMY	0.3412, 0.2902, 0.4549
CMYK	0.07, 0.00, 0.23, 0.29
HSL	79°, 22%, 63%
HSV	79°, 23%, 71%
XYZ	37.3337, 43.2367, 30.8070
YIQ	172.3250, 5.7340, -15.8180

Conversions

Conversions Part 2

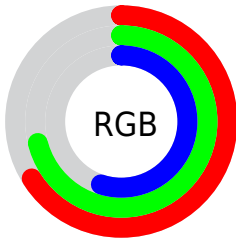
Format	Color
RYB	139, 181, 152
Decimal	11056523
CIELab	71.72, -11.91, 19.93
CIELCh	72, 23.220, 120.849
Yxy	43.2367, 0.3352, 0.3882
Android (android.graphics.Color)	4289246603 (0xFFA8B58B)
YUV	172.3250, -16.4292, -3.7930
Hunter-Lab	65.7546, -13.7231, 18.2500

Details

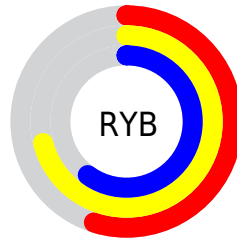
The Yxy color $43.2367, 0.3352, 0.3882$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $28.4805, 0.2863, 0.2671$, and the grayscale version is $41.5124, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.1066, 0.3308, 0.3767$, and $19.8726, 0.3413, 0.4055$ is the 20% darker color. If you saturate the color by 10%, you get $42.1507, 0.3445, 0.4155$, and if you desaturate by 10%, it is $44.4406, 0.3255, 0.3618$.

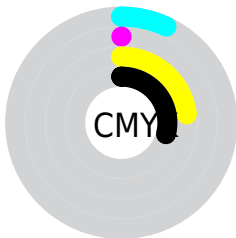
Distribution



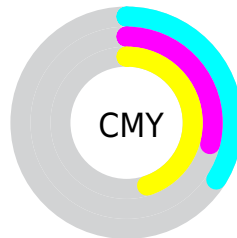
- Red (66%)
- Green (71%)
- Blue (55%)



- Red (55%)
- Yellow (71%)
- Blue (60%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)



- Cyan (34%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2367, 0.3352, 0.3882 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 43.2367, 0.3352, 0.3882 by changing the saturation by 10% instead.


 43.2367, 0.3352,
0.3882


 43.2367, 0.3352,
0.3882


359.5843, 0.3243,
0.3576

 30.0709, 0.3378,
0.3962


 80.0679, 0.3313,
0.3768

 19.8924, 0.3410,
0.4065


 104.5021, 0.3298,
0.3726

 12.3168, 0.3451,
0.4207


 133.4612, 0.3286,
0.3691

 6.9598, 0.3504,
0.4408

167.3296, 0.3275,
0.3661

 3.4370, 0.3569,
0.4718

206.4918, 0.3265,
0.3635

 1.3639, 0.4063,
0.5858

251.3320, 0.3257,

 0.1899, 0.0000,

0.3613

1.0000

302.2347, 0.3249,
0.3593

0.0000, 0.0000,
0.0000

43.2367, 0.3352,
0.3882

43.2367, 0.3352,
0.3882

42.1507, 0.3445,
0.4155

44.4406, 0.3255,
0.3618

41.1723, 0.3530,
0.4427

45.7610, 0.3158,
0.3367

40.2983, 0.3602,
0.4690

47.2040, 0.3063,
0.3133

39.5234, 0.3656,
0.4930

48.7733, 0.2972,
0.2918

38.8413, 0.3688,
0.5138

50.4727, 0.2886,
0.2722

■ 38.2452, 0.3696,
0.5302

■ 52.3056, 0.2806,
0.2545

■ 37.7267, 0.3679,
0.5418

■ 53.5663, 0.2799,
0.2483

■ 37.4072, 0.3658,
0.5478

■ 54.3888, 0.2840,
0.2493

■ 55.2402, 0.2881,
0.2502

Harmonies

Analogous

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



43.2367, 0.3634, 0.3834



43.2367, 0.3352, 0.3882



43.2367, 0.3020, 0.3748

Triad

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



43.2367, 0.3352, 0.3882



43.2367, 0.2511, 0.2894



43.2367, 0.3532, 0.3108

Complementary

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



43.2367, 0.3352, 0.3882



28.4805, 0.2863, 0.2671

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.



43.2367, 0.3210, 0.2887



43.2367, 0.3352, 0.3882



43.2367, 0.2630, 0.2759

Square

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



43.2367, 0.3352, 0.3882



43.2367, 0.2545, 0.3150



43.2367, 0.2880, 0.2761



43.2367, 0.3746, 0.3378

Rectangle

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



43.2367, 0.3352, 0.3882



43.2367, 0.2815, 0.3573



43.2367, 0.2880, 0.2761



43.2367, 0.3432, 0.3026

Sweetspot

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



43.2386, 0.3352, 0.3882



81.0023, 0.3196, 0.3463



34.0177, 0.3557, 0.3469



17.4775, 0.3201, 0.3478



91.1408, 0.3127, 0.3290



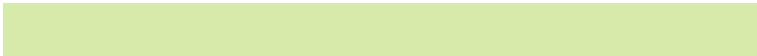
17.8868, 0.3127, 0.3290

Same Dimension

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



43.2386, 0.3352, 0.3882



76.3856, 0.3402, 0.4025



41.1541, 0.3169, 0.3917



9.7721, 0.3217, 0.3518



25.8248, 0.3664, 0.5472



0.8417, 0.3818, 0.5351

Inverse Universe

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



28.4805, 0.2863, 0.2671



45.1683, 0.2791, 0.2514



30.6435, 0.3068, 0.2708



8.3535, 0.3032, 0.3058



2.9128, 0.1727, 0.0725



0.1233, 0.2056, 0.0906

Previews

White Background



This preview shows how the Yxy color 43.2367, 0.3352, 0.3882 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 43.2367, 0.3352, 0.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

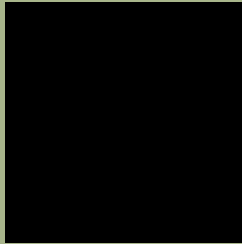
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

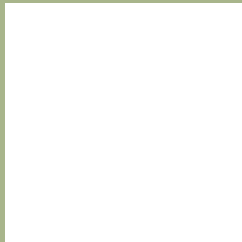
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2367, 0.3352, 0.3882

Background



This preview shows how black text looks on a background with the Yxy color 43.2367, 0.3352, 0.3882.



This preview shows how white text looks on a background with the Yxy color 43.2367, 0.3352, 0.3882.

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

43.2367, 0.3352, 0.3882

Protanopia

43.0023, 0.3572, 0.3814

Deuteranopia

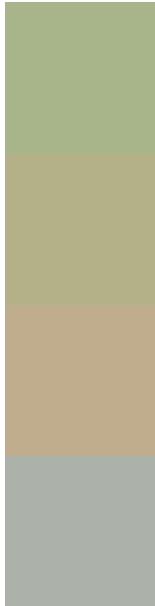
43.1663, 0.3703, 0.3635



Tritanopia

43.0169, 0.3023, 0.3104

Trichromacy



Original Color

43.2367, 0.3352, 0.3882

Protanomaly

42.9537, 0.3490, 0.3838

Deuteranomaly

42.8866, 0.3573, 0.3715

Tritanomaly

43.1172, 0.3140, 0.3386

Monochromacy



Original Color

43.2367, 0.3352, 0.3882

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.8559, 0.3216, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2367, 0.3352, 0.3882 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(168, 181, 139)` looks like.

```
.text, #text, p{  
    color:rgb(168, 181, 139)  
}
```

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(168, 181, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 181, 139) }
```

Border

The CSS property to change the border of an element to Yxy 43.2367, 0.3352, 0.3882 is called "border". The border property can be set on classes, ids or directly on the HTML element.

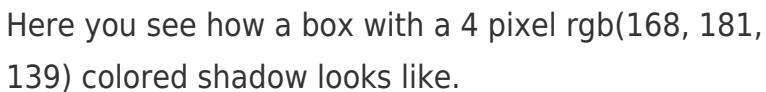
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 181, 139) }
```

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

```
.border{ border-color:rgb(168, 181, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 181, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 181, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 181, 139); box-shadow:4px 4px 4px 4px rgb(168, 181, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2367, 0.3352, 0.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 181, 139) }
```

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

```
.background{ background-color: rgb(168,  
181, 139) }
```

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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