

Converting Colors

$Y_{xy}(43.6590, 0.3231, 0.3650)$

Have a look what the booklet for
Yxy(43.6590, 0.3231, 0.3650)
contains.

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Color

Yxy(43.8493, 0.3231, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	A9B59B
RGB	169, 181, 155
RGB Percent	66%, 71%, 61%
CMY	0.3374, 0.2901, 0.3922
CMYK	0.07, 0.00, 0.14, 0.29
HSL	88°, 15%, 66%
HSV	88°, 14%, 71%
XYZ	38.7944, 43.8493, 37.4256
YIQ	174.4480, 1.1940, -10.6300

Conversions

Conversions Part 2

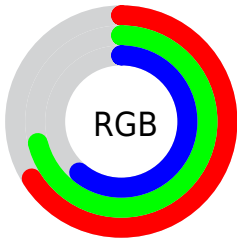
Format	Color
RYB	155, 181, 167
Decimal	11122075
CIELab	72.13, -8.97, 11.85
CIELCh	72, 14.858, 127.131
Yxy	43.8493, 0.3231, 0.3652
Android (android.graphics.Color)	4289312155 (0xFFA9B59B)
YUV	174.4480, -9.5879, -4.7779
Hunter-Lab	66.2188, -11.3084, 12.8436

Details

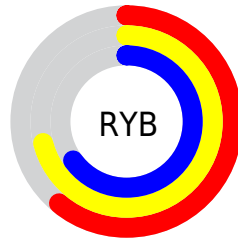
The Yxy color **43.8493, 0.3231, 0.3652** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.9989, 0.3011, 0.2927**, and the grayscale version is **42.6168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0191, 0.3214, 0.3590**, and **20.2197, 0.3260, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **42.3897, 0.3302, 0.3926**, and if you desaturate by 10%, it is **45.4634, 0.3159, 0.3396**.

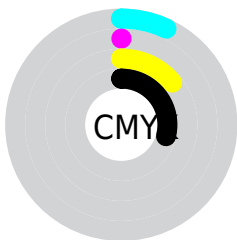
Distribution



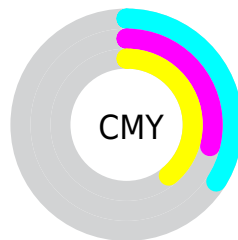
- Red (66%)
- Green (71%)
- Blue (61%)



- Red (61%)
- Yellow (71%)
- Blue (65%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)



- Cyan (34%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8493, 0.3231, 0.3652 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 43.8493, 0.3231, 0.3652 by changing the saturation by 10% instead.


 43.8493, 0.3231,
0.3652

 43.8493, 0.3231,
0.3652

362.0930, 0.3180,
0.3466

 30.5521, 0.3243,
0.3700


 80.9909, 0.3213,
0.3583

 20.2580, 0.3259,
0.3763


 105.6041, 0.3206,
0.3558

 12.5827, 0.3279,
0.3848


134.7580, 0.3200,
0.3536

 7.1418, 0.3305,
0.3971

168.8371, 0.3195,
0.3518

 3.5510, 0.3342,
0.4161

208.2258, 0.3191,
0.3502

 1.4257, 0.3432,
0.4547

253.3084, 0.3187,

 0.2355, 0.0205,

0.3489

0.9795

304.4693, 0.3183,
0.3477

0.0000, 0.0000,
0.0000

43.8493, 0.3231,
0.3652

43.8493, 0.3231,
0.3652

42.3897, 0.3302,
0.3926

45.4634, 0.3159,
0.3396

41.0738, 0.3367,
0.4213

47.2313, 0.3087,
0.3160

39.8980, 0.3424,
0.4505

49.1594, 0.3018,
0.2946

38.8564, 0.3468,
0.4791

51.2521, 0.2952,
0.2753

37.9426, 0.3495,
0.5057

53.5137, 0.2889,
0.2580

■ 37.1495, 0.3500,
0.5290

■ 55.3817, 0.2888,
0.2504

■ 36.4691, 0.3483,
0.5476

■ 56.7185, 0.2951,
0.2518

■ 35.8919, 0.3445,
0.5609

■ 58.1220, 0.3015,
0.2533

■ 35.6022, 0.3418,
0.5668

■ 59.5929, 0.3080,
0.2547

Harmonies

Analogous

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



43.8493, 0.3421, 0.3652



43.8493, 0.3231, 0.3652



43.8493, 0.3018, 0.3545

Triad

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



43.8493, 0.3231, 0.3652



43.8493, 0.2736, 0.3014



43.8493, 0.3420, 0.3210

Complementary

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



43.8493, 0.3231, 0.3652



34.9989, 0.3011, 0.2927

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.



43.8493, 0.3228, 0.3054



43.8493, 0.3231, 0.3652



43.8493, 0.2835, 0.2940

Square

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



43.8493, 0.3231, 0.3652



43.8493, 0.2737, 0.3167



43.8493, 0.3013, 0.2956



43.8493, 0.3534, 0.3391

Rectangle

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



43.8493, 0.3231, 0.3652



43.8493, 0.2892, 0.3429



43.8493, 0.3013, 0.2956



43.8493, 0.3362, 0.3153

Sweetspot

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



43.8512, 0.3231, 0.3652



81.5003, 0.3156, 0.3388



39.7213, 0.3366, 0.3451



17.5664, 0.3162, 0.3406



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.



43.8512, 0.3231, 0.3652



77.7314, 0.3252, 0.3730



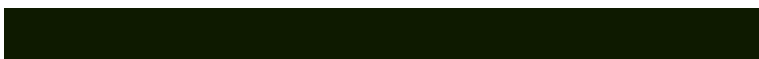
42.5186, 0.3121, 0.3664



9.7070, 0.3194, 0.3520



24.5798, 0.3427, 0.5661



0.8077, 0.3637, 0.5494

Inverse Universe

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



34.9989, 0.3011, 0.2927



59.0559, 0.2984, 0.2848



36.4465, 0.3131, 0.2940



8.4167, 0.3055, 0.3060



3.6366, 0.1969, 0.0858



0.1492, 0.2294, 0.1037

Previews

White Background



This preview shows how the Yxy color 43.8493, 0.3231, 0.3652 looks on a white background.

Color Contrast Check

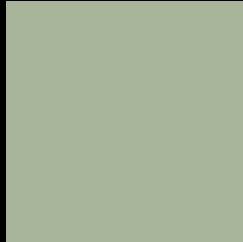
Large Text (above 18pt) WCAG AA × Fail

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 43.8493, 0.3231, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

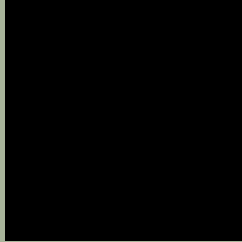
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

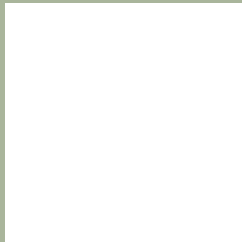
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8493, 0.3231, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 43.8493, 0.3231, 0.3652.



This preview shows how white text looks on a background with the Yxy color 43.8493, 0.3231, 0.3652.

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

43.8493, 0.3231, 0.3652

Protanopia

43.6649, 0.3402, 0.3599

Deuteranopia

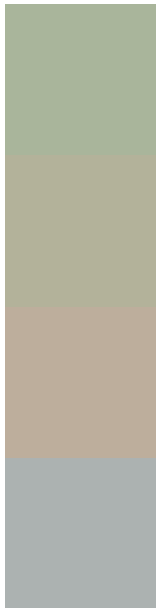
43.6013, 0.3532, 0.3457



Tritanopia

43.7670, 0.2999, 0.3105

Trichromacy



Original Color

43.8493, 0.3231, 0.3652

Protanomaly

43.7576, 0.3334, 0.3617

Deuteranomaly

43.4912, 0.3418, 0.3529

Tritanomaly

43.7858, 0.3083, 0.3303

Monochromacy



Original Color

43.8493, 0.3231, 0.3652

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.0050, 0.3165, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8493, 0.3231, 0.3652 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(169, 181, 155)` looks like.

```
.text, #text, p{  
    color:rgb(169, 181, 155)  
}
```

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(169, 181, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 181, 155) }
```

Border

The CSS property to change the border of an element to Yxy 43.8493, 0.3231, 0.3652 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(169, 181, 155) }
```

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

```
.border{ border-color:rgb(169, 181, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 181, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 181, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 181, 155);  
box-shadow:4px 4px 4px 4px rgb(169, 181,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8493, 0.3231, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 181, 155) }
```

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

```
.background{ background-color: rgb(169,  
181, 155) }
```

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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