

Converting Colors

$Yxy(38.2203, 0.3448, 0.3644)$

Have a look what the booklet for
Yxy(38.2203, 0.3448, 0.3644)
contains.

Yxy(38.4256, 0.3446, 0.3643)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.4256, 0.3446, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	B0A68D
RGB	176, 166, 141
RGB Percent	69%, 65%, 55%
CMY	0.3098, 0.3490, 0.4470
CMYK	0.00, 0.06, 0.20, 0.31
HSL	43°, 18%, 62%
HSV	43°, 20%, 69%
XYZ	36.3477, 38.4256, 30.7046
YIQ	166.1400, 13.9850, -5.6550

Conversions

Conversions Part 2

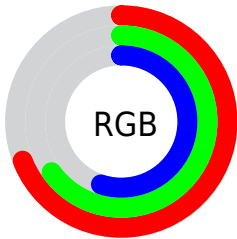
Format	Color
RYB	155, 176, 141
Decimal	11576973
CIELab	68.33, -0.58, 14.25
CIElCh	68, 14.261, 92.333
Yxy	38.4256, 0.3446, 0.3643
Android (android.graphics.Color)	4289767053 (0xFFB0A68D)
YUV	166.1400, -12.3940, 8.6472
Hunter-Lab	61.9884, -3.8139, 14.0238

Details

The Yxy color **38.4256, 0.3446, 0.3643** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9307, 0.2812, 0.2910**, and the grayscale version is **38.2612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8088, 0.3384, 0.3572**, and **17.0009, 0.3540, 0.3744** is the 20% darker color. If you saturate the color by 10%, you get **36.1530, 0.3626, 0.3828**, and if you desaturate by 10%, it is **40.8562, 0.3279, 0.3462**.

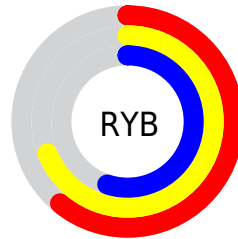
Distribution



Red (69%)

Green (65%)

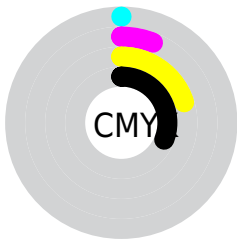
Blue (55%)



Red (61%)

Yellow (69%)

Blue (55%)

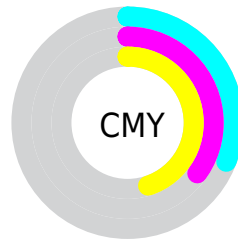


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (31%)



Cyan (31%)


Magenta (35%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4256, 0.3446, 0.3643 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 38.4256, 0.3446, 0.3643 by changing the saturation by 10% instead.


 38.4256, 0.3446,
0.3643


 38.4256, 0.3446,
0.3643


339.4422, 0.3282,
0.3461


 26.3132, 0.3488,
0.3690


 72.7600, 0.3385,
0.3575

 17.0581, 0.3544,
0.3752


 95.7508, 0.3363,
0.3551

 10.2759, 0.3619,
0.3836


 123.1364, 0.3344,
0.3530

 5.5823, 0.3725,
0.3955

155.3014, 0.3328,
0.3512

 2.5928, 0.3888,
0.4139

192.6301, 0.3314,
0.3496

 0.9230, 0.4809,
0.5145

235.5068, 0.3302,

 0.0000, 0.0000,

0.3483

0.0000

284.3161, 0.3291,
0.3471

■ 38.4256, 0.3446,
0.3643

■ 38.4256, 0.3446,
0.3643

■ 36.1530, 0.3626,
0.3828

■ 40.8562, 0.3279,
0.3462

■ 34.0287, 0.3816,
0.4010

■ 43.4442, 0.3125,
0.3288

■ 32.0491, 0.4010,
0.4183

■ 46.1955, 0.2986,
0.3124

■ 30.2090, 0.4204,
0.4335

■ 49.1142, 0.2861,
0.2971

■ 28.5022, 0.4387,
0.4457

■ 52.2040, 0.2749,
0.2830

■ 26.9221, 0.4551,
0.4539

■ 55.4687, 0.2649,
0.2701

■ 25.4610, 0.4689,
0.4574

■ 58.3045, 0.2609,
0.2674

■ 24.1034, 0.4802,
0.4568

■ 60.6882, 0.2616,
0.2733

■ 24.0870, 0.4804,
0.4568

■ 63.1493, 0.2623,
0.2793

Harmonies

Analogous

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



38.4256, 0.3542, 0.3531



38.4256, 0.3446, 0.3643



38.4256, 0.3265, 0.3661

Triad

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



38.4256, 0.3446, 0.3643



38.4256, 0.2746, 0.3197



38.4256, 0.3193, 0.3033

Complementary

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



38.4256, 0.3446, 0.3643



30.9307, 0.2812, 0.2910

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.



38.4256, 0.2980, 0.2946



38.4256, 0.3446, 0.3643



38.4256, 0.2728, 0.3033

Square

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



38.4256, 0.3446, 0.3643



38.4256, 0.2863, 0.3396



38.4256, 0.2812, 0.2944



38.4256, 0.3394, 0.3182

Rectangle

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



38.4256, 0.3446, 0.3643



38.4256, 0.3122, 0.3611



38.4256, 0.2812, 0.2944



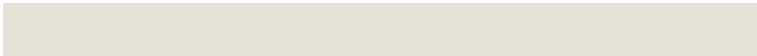
38.4256, 0.3121, 0.2995

Sweetspot

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



38.4273, 0.3446, 0.3643



75.8429, 0.3219, 0.3395



30.5334, 0.3400, 0.3140



16.3729, 0.3229, 0.3406



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



38.4273, 0.3446, 0.3643



67.7925, 0.3526, 0.3727



41.4057, 0.3355, 0.3786



9.4885, 0.3270, 0.3452



17.7783, 0.4796, 0.4574



0.6529, 0.4593, 0.4735

Inverse Universe

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



30.9307, 0.2812, 0.2910



51.6216, 0.2734, 0.2811



28.4842, 0.2870, 0.2764



8.6122, 0.2985, 0.3123



4.0774, 0.1608, 0.0988



0.2304, 0.1769, 0.1568

Previews

White Background



This preview shows how the Yxy color 38.4256, 0.3446, 0.3643 looks on a white background.

Color Contrast Check

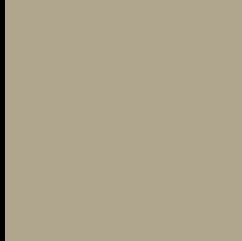
Large Text (above 18pt) WCAG AA × Fail

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 38.4256, 0.3446, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

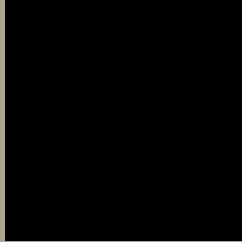
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

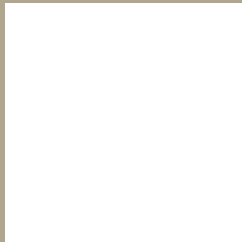
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.4256, 0.3446, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 38.4256, 0.3446, 0.3643.



This preview shows how white text looks on a background with the Yxy color 38.4256, 0.3446, 0.3643.

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

38.4256, 0.3446, 0.3643

Protanopia

38.3095, 0.3436, 0.3644

Deuteranopia

38.1710, 0.3605, 0.3534



Tritanopia

38.2490, 0.3192, 0.3114

Trichromacy



Original Color

38.4256, 0.3446, 0.3643

Protanomaly

38.3095, 0.3436, 0.3644

Deuteranomaly

38.2328, 0.3548, 0.3565

Tritanomaly

38.3867, 0.3289, 0.3304

Monochromacy



Original Color

38.4256, 0.3446, 0.3643

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.2528, 0.3243, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4256, 0.3446, 0.3643 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(176, 166, 141)` looks like.

```
.text, #text, p{  
    color:rgb(176, 166, 141)  
}
```

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(176, 166, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 166, 141) }
```

Border

The CSS property to change the border of an element to Yxy 38.4256, 0.3446, 0.3643 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(176, 166, 141) }
```

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

```
.border{ border-color:rgb(176, 166, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 166, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 166, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 166, 141);  
box-shadow:4px 4px 4px 4px rgb(176, 166,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4256, 0.3446, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 166, 141) }
```

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

```
.background{ background-color: rgb(176,  
166, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor