

Converting Colors

$Yxy(38.9894, 0.3458, 0.3596)$

Have a look what the booklet for
Yxy(38.9894, 0.3458, 0.3596)
contains.

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Color

Yxy(38.9894, 0.3458, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	B4A690
RGB	180, 166, 144
RGB Percent	71%, 65%, 56%
CMY	0.2941, 0.3490, 0.4352
CMYK	0.00, 0.08, 0.20, 0.29
HSL	37°, 19%, 64%
HSV	37°, 20%, 71%
XYZ	37.4931, 38.9894, 31.9418
YIQ	167.6780, 15.4060, -3.8740

Conversions

Conversions Part 2

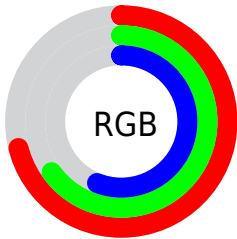
Format	Color
R _Y B	167, 180, 144
Decimal	11839120
CIE Lab	68.74, 1.42, 13.22
CIE LCh	69, 13.295, 83.854
Yxy	38.9894, 0.3458, 0.3596
Android (android.graphics.Color)	4290029200 (0xFFB4A690)
YUV	167.6780, -11.6733, 10.8064
Hunter-Lab	62.4415, -2.0919, 13.3794

Details

The Yxy color **38.9894, 0.3458, 0.3596** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6835, 0.2813, 0.2964**, and the grayscale version is **39.0457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6230, 0.3393, 0.3537**, and **17.3548, 0.3557, 0.3677** is the 20% darker color. If you saturate the color by 10%, you get **36.0074, 0.3650, 0.3757**, and if you desaturate by 10%, it is **42.2012, 0.3283, 0.3439**.

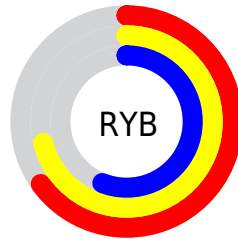
Distribution



Red (71%)

Green (65%)

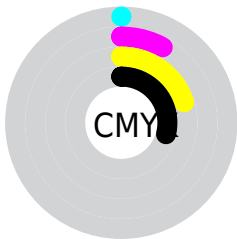
Blue (56%)



Red (65%)

Yellow (71%)

Blue (56%)

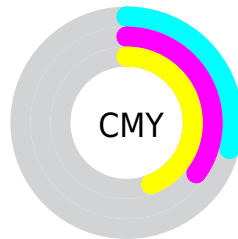


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (29%)



Cyan (29%)


Magenta (35%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9894, 0.3458, 0.3596 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 38.9894, 0.3458, 0.3596 by changing the saturation by 10% instead.

 38.9894, 0.3458,
0.3596

 38.9894, 0.3458,
0.3596


341.8454, 0.3288,
0.3439

 26.7515, 0.3502,
0.3636


 73.6221, 0.3395,
0.3538

 17.3867, 0.3560,
0.3689


 96.7857, 0.3372,
0.3517

 10.5106, 0.3638,
0.3759


124.3600, 0.3352,
0.3499

 5.7388, 0.3750,
0.3859

156.7294, 0.3335,
0.3483

 2.6869, 0.3922,
0.4011

194.2782, 0.3321,
0.3470

 0.9705, 0.4659,
0.4711

237.3909, 0.3308,

 0.0000, 0.0000,

0.3458

0.0000

286.4518, 0.3297,
0.3448

■ 38.9894, 0.3458,
0.3596

■ 38.9894, 0.3458,
0.3596

■ 36.0074, 0.3650,
0.3757

■ 42.2012, 0.3283,
0.3439

■ 33.2437, 0.3859,
0.3916

■ 45.6436, 0.3127,
0.3290

■ 30.6932, 0.4081,
0.4067

■ 49.3240, 0.2988,
0.3150

■ 28.3488, 0.4308,
0.4200

■ 53.2479, 0.2864,
0.3019

■ 26.2027, 0.4533,
0.4302

■ 57.4207, 0.2755,
0.2899

■ 24.2462, 0.4743,
0.4364

■ 61.8473, 0.2659,
0.2789

■ 22.4696, 0.4927,
0.4377

■ 65.5275, 0.2651,
0.2840

■ 20.8551, 0.5084,
0.4345

■ 69.1696, 0.2660,
0.2921

■ 20.8534, 0.5084,
0.4345

■ 72.9660, 0.2669,
0.3001

Harmonies

Analogous

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



38.9894, 0.3519, 0.3473



38.9894, 0.3458, 0.3596



38.9894, 0.3308, 0.3639

Triad

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



38.9894, 0.3458, 0.3596



38.9894, 0.2795, 0.3255



38.9894, 0.3132, 0.3021

Complementary

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



38.9894, 0.3458, 0.3596



33.6835, 0.2813, 0.2964

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.



38.9894, 0.2941, 0.2961



38.9894, 0.3458, 0.3596



38.9894, 0.2751, 0.3089

Square

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



38.9894, 0.3458, 0.3596



38.9894, 0.2926, 0.3438



38.9894, 0.2803, 0.2984



38.9894, 0.3327, 0.3146

Rectangle

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



38.9894, 0.3458, 0.3596



38.9894, 0.3180, 0.3612



38.9894, 0.2803, 0.2984



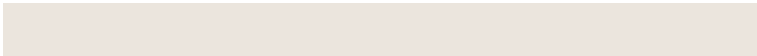
38.9894, 0.3065, 0.2992

Sweetspot

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



38.9911, 0.3458, 0.3596



78.8974, 0.3221, 0.3380



32.1377, 0.3365, 0.3089



16.9675, 0.3231, 0.3390



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.



38.9911, 0.3458, 0.3596



68.2593, 0.3541, 0.3667



43.9323, 0.3390, 0.3785



9.3406, 0.3272, 0.3429



14.6883, 0.5070, 0.4356



0.5714, 0.4767, 0.4597

Inverse Universe

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



33.6835, 0.2813, 0.2964



56.8734, 0.2739, 0.2882



29.5073, 0.2833, 0.2754



8.7542, 0.2985, 0.3147



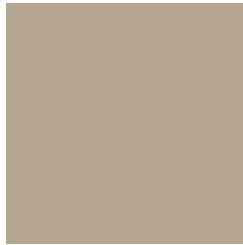
5.4799, 0.1682, 0.1256



0.2877, 0.1844, 0.1838

Previews

White Background



This preview shows how the Yxy color 38.9894, 0.3458, 0.3596 looks on a white background.

Color Contrast Check

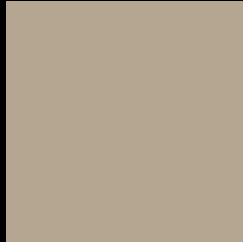
Large Text (above 18pt) WCAG AA × Fail

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 38.9894, 0.3458, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

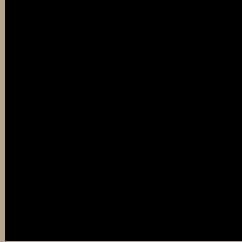
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9894, 0.3458, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 38.9894, 0.3458, 0.3596.



This preview shows how white text looks on a background with the Yxy color 38.9894, 0.3458, 0.3596.

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

38.9894, 0.3458, 0.3596

Protanopia

38.9119, 0.3407, 0.3600

Deuteranopia

38.7405, 0.3583, 0.3506



Tritanopia

39.0870, 0.3229, 0.3130

Trichromacy



Original Color

38.9894, 0.3458, 0.3596

Protanomaly

39.0289, 0.3417, 0.3599

Deuteranomaly

38.9301, 0.3537, 0.3535

Tritanomaly

38.9060, 0.3319, 0.3291

Monochromacy



Original Color

38.9894, 0.3458, 0.3596

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.9113, 0.3243, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9894, 0.3458, 0.3596 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(180, 166, 144)` looks like.

```
.text, #text, p{  
    color:rgb(180, 166, 144)  
}
```

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(180, 166, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 166, 144) }
```

Border

The CSS property to change the border of an element to Yxy 38.9894, 0.3458, 0.3596 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(180, 166, 144) }
```

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

```
.border{ border-color:rgb(180, 166, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 166, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 166, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 166, 144);  
box-shadow:4px 4px 4px 4px rgb(180, 166,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9894, 0.3458, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 166, 144) }
```

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

```
.background{ background-color: rgb(180,  
166, 144) }
```

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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