

Converting Colors

$Y_{xy}(38.9110, 0.3580, 0.3748)$

Have a look what the booklet for
Yxy(38.9110, 0.3580, 0.3748)
contains.

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Color

Yxy(38.9110, 0.3580, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	B6A685
RGB	182, 166, 133
RGB Percent	71%, 65%, 52%
CMY	0.2861, 0.3490, 0.4784
CMYK	0.00, 0.09, 0.27, 0.29
HSL	40°, 25%, 62%
HSV	40°, 27%, 71%
XYZ	37.1669, 38.9110, 27.7402
YIQ	167.0220, 20.1290, -6.8710

Conversions

Conversions Part 2

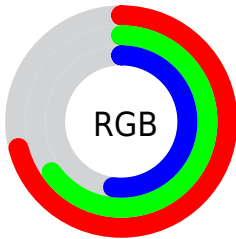
Format	Color
RYB	157, 182, 133
Decimal	11970181
CIELab	68.69, 0.60, 19.22
CIElCh	69, 19.233, 88.208
Yxy	38.9110, 0.3580, 0.3748
Android (android.graphics.Color)	4290160261 (0xFFB6A685)
YUV	167.0220, -16.7728, 13.1357
Hunter-Lab	62.3787, -2.8077, 17.2985

Details

The Yxy color **38.9110, 0.3580, 0.3748** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.8714, 0.2692, 0.2785**, and the grayscale version is **38.7332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4352, 0.3493, 0.3665**, and **17.2484, 0.3714, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **36.3376, 0.3774, 0.3923**, and if you desaturate by 10%, it is **41.6754, 0.3399, 0.3573**.

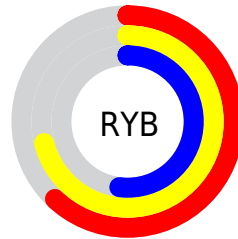
Distribution



Red (71%)

Green (65%)

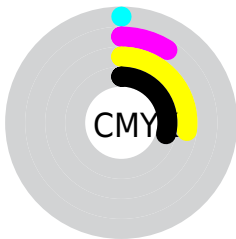
Blue (52%)



Red (62%)

Yellow (71%)

Blue (52%)

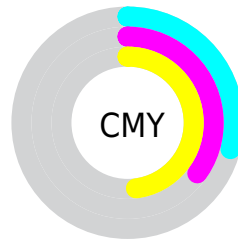


Cyan (0%)

Magenta (9%)

Yellow (27%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9110, 0.3580, 0.3748 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 38.9110, 0.3580, 0.3748 by changing the saturation by 10% instead.


 38.9110, 0.3580,
0.3748


 38.9110, 0.3580,
0.3748


341.5120, 0.3348,
0.3514


 26.6905, 0.3640,
0.3808


 73.5023, 0.3494,
0.3662

 17.3409, 0.3717,
0.3885


 96.6420, 0.3462,
0.3630

 10.4779, 0.3820,
0.3989


 124.1901, 0.3436,
0.3603

 5.7169, 0.3965,
0.4133

156.5311, 0.3413,
0.3580

 2.6737, 0.4179,
0.4344

194.0494, 0.3393,
0.3560

 0.9639, 0.4915,
0.5085

237.1294, 0.3376,

 0.0000, 0.0000,

0.3542

0.0000

286.1554, 0.3361,
0.3527

■ 38.9110, 0.3580,
0.3748

■ 38.9110, 0.3580,
0.3748

■ 36.3376, 0.3774,
0.3923

■ 41.6754, 0.3399,
0.3573

■ 33.9440, 0.3978,
0.4091

■ 44.6309, 0.3233,
0.3403

■ 31.7258, 0.4186,
0.4243

■ 47.7845, 0.3083,
0.3242

■ 29.6761, 0.4388,
0.4367

■ 51.1412, 0.2948,
0.3090

■ 27.7874, 0.4577,
0.4454

■ 54.7056, 0.2827,
0.2950

■ 26.0510, 0.4741,
0.4494

■ 58.4824, 0.2720,
0.2820

■ 24.4556, 0.4875,
0.4486

■ 62.1218, 0.2654,
0.2756

■ 23.9893, 0.4915,
0.4480

■ 65.0741, 0.2662,
0.2825

■ 68.1364, 0.2669,
0.2894

Harmonies

Analogous

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



38.9110, 0.3693, 0.3579



38.9110, 0.3580, 0.3748



38.9110, 0.3347, 0.3798

Triad

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



38.9110, 0.3580, 0.3748



38.9110, 0.2634, 0.3196



38.9110, 0.3174, 0.2928

Complementary

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



38.9110, 0.3580, 0.3748



29.8714, 0.2692, 0.2785

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.



38.9110, 0.2893, 0.2827



38.9110, 0.3580, 0.3748



38.9110, 0.2592, 0.2967

Square

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



38.9110, 0.3580, 0.3748



38.9110, 0.2802, 0.3468



38.9110, 0.2684, 0.2838



38.9110, 0.3453, 0.3114

Rectangle

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



38.9110, 0.3580, 0.3748



38.9110, 0.3157, 0.3746



38.9110, 0.2684, 0.2838



38.9110, 0.3076, 0.2883

Sweetspot

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



38.9128, 0.3580, 0.3748



80.2223, 0.3252, 0.3423



28.9042, 0.3508, 0.3060



17.5368, 0.3276, 0.3448



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



38.9128, 0.3580, 0.3748



67.8637, 0.3687, 0.3846



44.1457, 0.3452, 0.3969



9.9948, 0.3271, 0.3443



17.0593, 0.4904, 0.4488



0.7091, 0.4679, 0.4667

Inverse Universe

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



29.8714, 0.2692, 0.2785



48.8810, 0.2593, 0.2661



25.8305, 0.2744, 0.2546



9.1865, 0.2985, 0.3132



4.7422, 0.1635, 0.1086



0.2833, 0.1787, 0.1634

Previews

White Background



This preview shows how the Yxy color 38.9110, 0.3580, 0.3748 looks on a white background.

Color Contrast Check

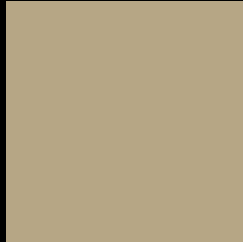
Large Text (above 18pt) WCAG AA × Fail

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 38.9110, 0.3580, 0.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

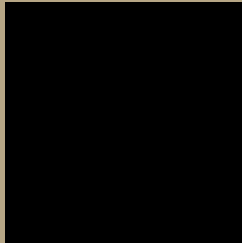
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9110, 0.3580, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 38.9110, 0.3580, 0.3748.

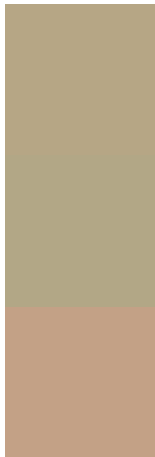


This preview shows how white text looks on a background with the Yxy color 38.9110, 0.3580, 0.3748.

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

38.9110, 0.3580, 0.3748

Protanopia

38.8236, 0.3527, 0.3754

Deuteranopia

38.8131, 0.3720, 0.3650



Tritanopia

39.0717, 0.3268, 0.3131

Trichromacy



Original Color

38.9110, 0.3580, 0.3748

Protanomaly

38.9424, 0.3537, 0.3752

Deuteranomaly

38.8628, 0.3662, 0.3683

Tritanomaly

38.9773, 0.3384, 0.3359

Monochromacy



Original Color

38.9110, 0.3580, 0.3748

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7746, 0.3279, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9110, 0.3580, 0.3748 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(182, 166, 133)` looks like.

```
.text, #text, p{  
    color:rgb(182, 166, 133)  
}
```

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(182, 166, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 166, 133) }
```

Border

The CSS property to change the border of an element to Yxy 38.9110, 0.3580, 0.3748 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(182, 166, 133) }
```

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

```
.border{ border-color:rgb(182, 166, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 166, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 166, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 166, 133);  
box-shadow:4px 4px 4px 4px rgb(182, 166,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9110, 0.3580, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 166, 133) }
```

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

```
.background{ background-color: rgb(182,  
166, 133) }
```

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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