

Converting Colors

$Yxy(38.0189, 0.3564, 0.3891)$

Have a look what the booklet for
Yxy(38.0189, 0.3564, 0.3891)
contains.

Yxy(38.0023, 0.3559, 0.3891)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.0023, 0.3559, 0.3891)

Conversions

Conversions Part 1

Format	Color
Hex	ADA77D
RGB	173, 167, 125
RGB Percent	68%, 65%, 49%
CMY	0.3214, 0.3451, 0.5098
CMYK	0.00, 0.03, 0.28, 0.32
HSL	52°, 23%, 58%
HSV	52°, 28%, 68%
XYZ	34.7597, 38.0023, 24.9051
YIQ	164.0060, 17.0580, -11.7900

Conversions

Conversions Part 2

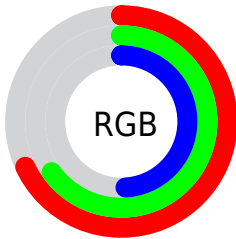
Format	Color
RYB	132, 173, 125
Decimal	11380605
CIELab	68.02, -4.60, 22.55
CIElCh	68, 23.018, 101.540
Yxy	38.0023, 0.3559, 0.3891
Android (android.graphics.Color)	4289570685 (0xFFADA77D)
YUV	164.0060, -19.2300, 7.8877
Hunter-Lab	61.6460, -7.2314, 19.1989

Details

The Yxy color **38.0023, 0.3559, 0.3891** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.6229, 0.2663, 0.2608**, and the grayscale version is **37.2174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1149, 0.3478, 0.3773**, and **16.7763, 0.3682, 0.4069** is the 20% darker color. If you saturate the color by 10%, you get **36.8088, 0.3722, 0.4108**, and if you desaturate by 10%, it is **39.2897, 0.3398, 0.3671**.

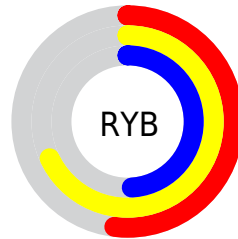
Distribution



Red (68%)

Green (65%)

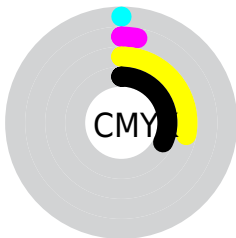
Blue (49%)



Red (52%)

Yellow (68%)

Blue (49%)

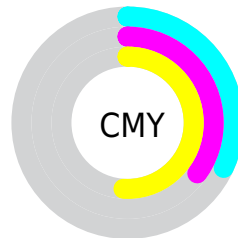


Cyan (0%)

Magenta (3%)

Yellow (28%)

Black (32%)



Cyan (32%)


Magenta (35%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0023, 0.3559, 0.3891 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 38.0023, 0.3559, 0.3891 by changing the saturation by 10% instead.


 38.0023, 0.3559,
0.3891


 38.0023, 0.3559,
0.3891


337.6298, 0.3339,
0.3579


 25.9845, 0.3614,
0.3972


 72.1117, 0.3479,
0.3775

 16.8120, 0.3685,
0.4078


 94.9720, 0.3448,
0.3732

 10.1006, 0.3779,
0.4221


 122.2153, 0.3423,
0.3696

 5.4657, 0.3905,
0.4423

154.2259, 0.3401,
0.3666

 2.5230, 0.4113,
0.4762

191.3883, 0.3383,
0.3639

 0.8881, 0.4517,
0.5483

234.0868, 0.3366,

 0.0000, 0.0000,

0.3616

0.0000

282.7059, 0.3352,
0.3596

■ 38.0023, 0.3559,
0.3891

■ 38.0023, 0.3559,
0.3891

■ 36.8088, 0.3722,
0.4108

■ 39.2897, 0.3398,
0.3671

■ 35.7000, 0.3882,
0.4312

■ 40.6696, 0.3242,
0.3453

■ 34.6732, 0.4031,
0.4495

■ 42.1473, 0.3095,
0.3244

■ 33.7235, 0.4165,
0.4646

■ 43.7261, 0.2958,
0.3046

■ 32.8454, 0.4276,
0.4759

■ 45.4092, 0.2832,
0.2861

■ 32.0324, 0.4360,
0.4829

■ 47.1995, 0.2718,
0.2690

■ 31.2745, 0.4420,
0.4858

■ 49.0999, 0.2614,
0.2533

■ 31.1083, 0.4432,
0.4863

■ 50.5583, 0.2566,
0.2470

■ 51.4722, 0.2569,
0.2496

Harmonies

Analogous

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



38.0023, 0.3771, 0.3737



38.0023, 0.3559, 0.3891



38.0023, 0.3238, 0.3876

Triad

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



38.0023, 0.3559, 0.3891



38.0023, 0.2495, 0.3038



38.0023, 0.3338, 0.2946

Complementary

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



38.0023, 0.3559, 0.3891



23.6229, 0.2663, 0.2608

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.



38.0023, 0.2987, 0.2777



38.0023, 0.3559, 0.3891



38.0023, 0.2517, 0.2814

Square

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



38.0023, 0.3559, 0.3891



38.0023, 0.2630, 0.3356



38.0023, 0.2691, 0.2726



38.0023, 0.3643, 0.3197

Rectangle

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



38.0023, 0.3559, 0.3891



38.0023, 0.3007, 0.3760



38.0023, 0.2691, 0.2726



38.0023, 0.3220, 0.2878

Sweetspot

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



38.0040, 0.3559, 0.3891



72.7072, 0.3248, 0.3462



25.2056, 0.3639, 0.3196



15.7199, 0.3270, 0.3493



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



38.0040, 0.3559, 0.3891



66.7687, 0.3654, 0.4018



38.3920, 0.3368, 0.4009



9.1557, 0.3266, 0.3487



22.9008, 0.4429, 0.4865



0.6841, 0.4348, 0.4929

Inverse Universe

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



23.6229, 0.2663, 0.2608



36.9456, 0.2552, 0.2439



23.4913, 0.2831, 0.2544



7.9136, 0.2986, 0.3086



2.6797, 0.1531, 0.0711



0.1243, 0.1639, 0.1098

Previews

White Background



This preview shows how the Yxy color 38.0023, 0.3559, 0.3891 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 38.0023, 0.3559, 0.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

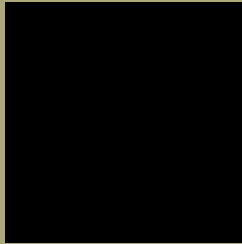
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0023, 0.3559, 0.3891

Background



This preview shows how black text looks on a background with the Yxy color 38.0023, 0.3559, 0.3891.



This preview shows how white text looks on a background with the Yxy color 38.0023, 0.3559, 0.3891.

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

38.0023, 0.3559, 0.3891

Protanopia

38.1926, 0.3622, 0.3882

Deuteranopia

37.9307, 0.3797, 0.3718



Tritanopia

38.0906, 0.3192, 0.3127

Trichromacy



Original Color

38.0023, 0.3559, 0.3891

Protanomaly

37.9578, 0.3602, 0.3886

Deuteranomaly

37.9118, 0.3711, 0.3784

Tritanomaly

37.9418, 0.3324, 0.3388

Monochromacy



Original Color

38.0023, 0.3559, 0.3891

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.3278, 0.3278, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0023, 0.3559, 0.3891 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(173, 167, 125)` looks like.

```
.text, #text, p{  
    color:rgb(173, 167, 125)  
}
```

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(173, 167, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 167, 125) }
```

Border

The CSS property to change the border of an element to Yxy 38.0023, 0.3559, 0.3891 is called "border". The border property can be set on classes, ids or directly on the HTML element.

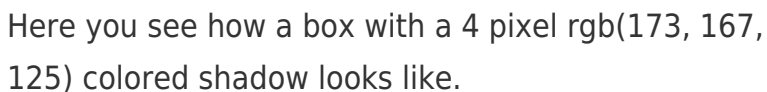
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 167, 125) }
```

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

```
.border{ border-color:rgb(173, 167, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 167, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 167, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 167, 125);  
box-shadow:4px 4px 4px 4px rgb(173, 167,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0023, 0.3559, 0.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 167, 125) }
```

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

```
.background{ background-color: rgb(173,  
167, 125) }
```

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