

Converting Colors

Yxy(38.9984, 0.3493, 0.3669)

Have a look what the booklet for
Yxy(38.9984, 0.3493, 0.3669)
contains.

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Color

Yxy(39.0852, 0.3491, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	B3A78B
RGB	179, 167, 139
RGB Percent	70%, 65%, 55%
CMY	0.2981, 0.3451, 0.4548
CMYK	0.00, 0.07, 0.22, 0.30
HSL	42°, 21%, 62%
HSV	42°, 22%, 70%
XYZ	37.0678, 39.0852, 30.0280
YIQ	167.3960, 16.1400, -6.1640

Conversions

Conversions Part 2

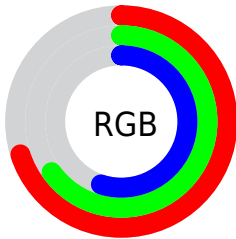
Format	Color
RYB	156, 179, 139
Decimal	11773835
CIELab	68.81, -0.27, 16.05
CIELCh	69, 16.049, 90.956
Yxy	39.0852, 0.3491, 0.3681
Android (android.graphics.Color)	4289963915 (0xFFB3A78B)
YUV	167.3960, -13.9992, 10.1767
Hunter-Lab	62.5182, -3.5720, 15.2853

Details

The Yxy color **39.0852, 0.3491, 0.3681** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.8800, 0.2770, 0.2866**, and the grayscale version is **38.9113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7550, 0.3419, 0.3602**, and **17.4184, 0.3603, 0.3795** is the 20% darker color. If you saturate the color by 10%, you get **36.6808, 0.3676, 0.3863**, and if you desaturate by 10%, it is **41.6604, 0.3319, 0.3502**.

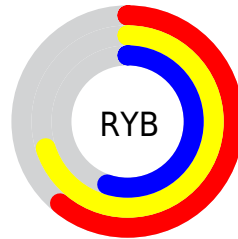
Distribution



Red (70%)

Green (65%)

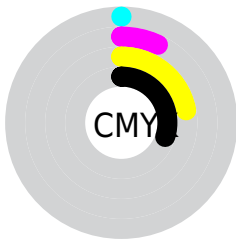
Blue (55%)



Red (61%)

Yellow (70%)

Blue (55%)

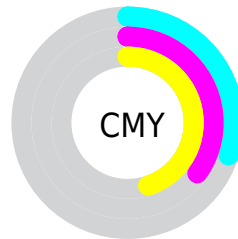


Cyan (0%)

Magenta (7%)

Yellow (22%)

Black (30%)



Cyan (30%)


Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0852, 0.3491, 0.3681 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 39.0852, 0.3491, 0.3681 by changing the saturation by 10% instead.


 39.0852, 0.3491,
0.3681


 39.0852, 0.3491,
0.3681


342.2526, 0.3304,
0.3480


 26.8260, 0.3539,
0.3733


 73.7685, 0.3422,
0.3607

 17.4426, 0.3601,
0.3800


 96.9613, 0.3396,
0.3579

 10.5506, 0.3685,
0.3891

 124.5675, 0.3375,
0.3556

 5.7655, 0.3804,
0.4019

156.9715, 0.3357,
0.3536

 2.7030, 0.3983,
0.4213

194.5576, 0.3341,
0.3519

 0.9787, 0.4854,
0.5146

237.7102, 0.3327,

 0.0000, 0.0000,

0.3505

0.0000

286.8137, 0.3315,
0.3492

■ 39.0852, 0.3491,
0.3681

■ 39.0852, 0.3491,
0.3681

■ 36.6808, 0.3676,
0.3863

■ 41.6604, 0.3319,
0.3502

■ 34.4366, 0.3870,
0.4041

■ 44.4058, 0.3162,
0.3329

■ 32.3490, 0.4069,
0.4207

■ 47.3279, 0.3019,
0.3166

■ 30.4120, 0.4266,
0.4350

■ 50.4309, 0.2890,
0.3013

■ 28.6191, 0.4451,
0.4460

■ 53.7191, 0.2776,
0.2872

■ 26.9628, 0.4616,
0.4528

■ 57.1965, 0.2673,
0.2742

■ 25.4346, 0.4752,
0.4548

■ 60.2521, 0.2632,
0.2717

■ 24.3353, 0.4841,
0.4538

■ 62.8553, 0.2639,
0.2780

■ 65.5473, 0.2646,
0.2842

Harmonies

Analogous

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



39.0852, 0.3594, 0.3550



39.0852, 0.3491, 0.3681



39.0852, 0.3291, 0.3708

Triad

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



39.0852, 0.3491, 0.3681



39.0852, 0.2706, 0.3194



39.0852, 0.3189, 0.2997

Complementary

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



39.0852, 0.3491, 0.3681



30.8800, 0.2770, 0.2866

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.



39.0852, 0.2952, 0.2905



39.0852, 0.3491, 0.3681



39.0852, 0.2680, 0.3008

Square

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



39.0852, 0.3491, 0.3681



39.0852, 0.2840, 0.3418



39.0852, 0.2769, 0.2906



39.0852, 0.3417, 0.3160

Rectangle

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



39.0852, 0.3491, 0.3681



39.0852, 0.3132, 0.3657



39.0852, 0.2769, 0.2906



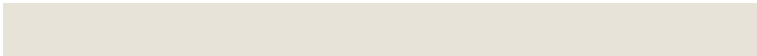
39.0852, 0.3108, 0.2957

Sweetspot

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



39.0870, 0.3491, 0.3681



77.1498, 0.3235, 0.3411



30.2906, 0.3442, 0.3120



17.0286, 0.3245, 0.3421



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.



39.0870, 0.3491, 0.3681



67.7696, 0.3584, 0.3774



42.7546, 0.3384, 0.3851



9.4680, 0.3270, 0.3449



17.3183, 0.4832, 0.4545



0.6411, 0.4616, 0.4717

Inverse Universe

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



30.8800, 0.2770, 0.2866



50.3486, 0.2681, 0.2753



27.9331, 0.2833, 0.2691



8.6316, 0.2985, 0.3126



4.2425, 0.1617, 0.1021



0.2383, 0.1780, 0.1607

Previews

White Background



This preview shows how the Yxy color 39.0852, 0.3491, 0.3681 looks on a white background.

Color Contrast Check

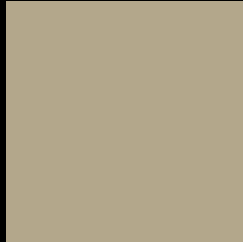
Large Text (above 18pt) WCAG AA × Fail

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 39.0852, 0.3491, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

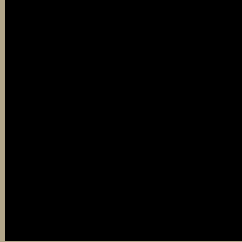
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0852, 0.3491, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 39.0852, 0.3491, 0.3681.



This preview shows how white text looks on a background with the Yxy color 39.0852, 0.3491, 0.3681.

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

39.0852, 0.3491, 0.3681

Protanopia

39.2165, 0.3469, 0.3697

Deuteranopia

38.8525, 0.3651, 0.3571



Tritanopia

39.0031, 0.3211, 0.3116

Trichromacy



Original Color

39.0852, 0.3491, 0.3681

Protanomaly

39.3343, 0.3479, 0.3696

Deuteranomaly

38.9067, 0.3594, 0.3603

Tritanomaly

39.1046, 0.3316, 0.3318

Monochromacy



Original Color

39.0852, 0.3491, 0.3681

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7297, 0.3251, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0852, 0.3491, 0.3681 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(179, 167, 139)` looks like.

```
.text, #text, p{  
    color:rgb(179, 167, 139)  
}
```

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(179, 167, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 167, 139) }
```

Border

The CSS property to change the border of an element to Yxy 39.0852, 0.3491, 0.3681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

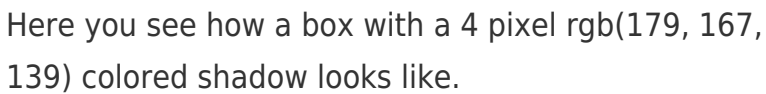
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 167, 139) }
```

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

```
.border{ border-color:rgb(179, 167, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 167, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 167, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 167, 139);  
box-shadow:4px 4px 4px 4px rgb(179, 167,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0852, 0.3491, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 167, 139) }
```

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

```
.background{ background-color: rgb(179,  
167, 139) }
```

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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