

Converting Colors

Yxy(38.9491, 0.3309, 0.3590)

Have a look what the booklet for
Yxy(38.9491, 0.3309, 0.3590)
contains.

Yxy(38.9491, 0.3309, 0.3590)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.9491, 0.3309, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	A9A994
RGB	169, 169, 148
RGB Percent	66%, 66%, 58%
CMY	0.3371, 0.3373, 0.4196
CMYK	0.00, 0.00, 0.12, 0.34
HSL	60°, 11%, 62%
HSV	60°, 12%, 66%
XYZ	35.9004, 38.9491, 33.6438
YIQ	166.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

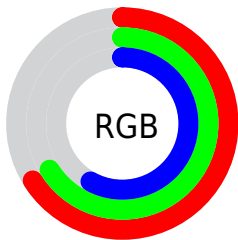
Format	Color
RYB	148, 169, 148
Decimal	11118996
CIELab	68.71, -3.72, 10.85
CIElCh	69, 11.468, 108.920
Yxy	38.9491, 0.3309, 0.3590
Android (android.graphics.Color)	4289309076 (0xFFA9A994)
YUV	166.6060, -9.1728, 2.0995
Hunter-Lab	62.4092, -6.5353, 11.7242

Details

The Yxy color **38.9491, 0.3309, 0.3590** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3542, 0.2934, 0.2971**, and the grayscale version is **38.4878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4229, 0.3273, 0.3531**, and **17.3676, 0.3370, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **38.4433, 0.3459, 0.3837**, and if you desaturate by 10%, it is **39.5365, 0.3162, 0.3348**.

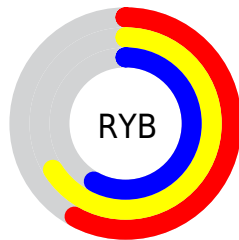
Distribution



Red (66%)

Green (66%)

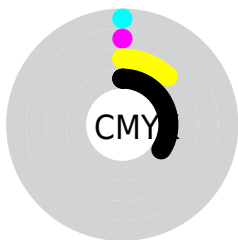
Blue (58%)



Red (58%)

Yellow (66%)

Blue (58%)

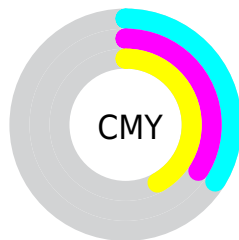


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (34%)



Cyan (34%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9491, 0.3309, 0.3590 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 38.9491, 0.3309, 0.3590 by changing the saturation by 10% instead.


 38.9491, 0.3309,
0.3590


 38.9491, 0.3309,
0.3590


341.6740, 0.3216,
0.3434

 26.7201, 0.3333,
0.3631


 73.5606, 0.3275,
0.3532

 17.3631, 0.3364,
0.3684


 96.7118, 0.3262,
0.3511

 10.4937, 0.3406,
0.3758


124.2727, 0.3251,
0.3493

 5.7275, 0.3465,
0.3865

156.6275, 0.3242,
0.3478

 2.6801, 0.3555,
0.4034

194.1606, 0.3234,
0.3464

 0.9671, 0.3962,
0.4638

237.2565, 0.3227,

 0.0000, 0.0000,

0.3453

0.0000

286.2995, 0.3221,
0.3443

■ 38.9491, 0.3309,
0.3590

■ 38.9491, 0.3309,
0.3590

■ 38.4433, 0.3459,
0.3837

■ 39.5365, 0.3162,
0.3348

■ 38.0106, 0.3606,
0.4081

■ 40.2035, 0.3021,
0.3115

■ 37.6491, 0.3748,
0.4313

■ 40.9549, 0.2889,
0.2896

■ 37.3548, 0.3876,
0.4526

■ 41.7934, 0.2765,
0.2692

■ 37.1235, 0.3988,
0.4708

■ 42.7218, 0.2652,
0.2505

■ 36.9503, 0.4076,
0.4854

■ 43.7427, 0.2548,
0.2334

■ 36.8299, 0.4140,
0.4959

■ 44.1075, 0.2516,
0.2282

■ 36.7555, 0.4178,
0.5022

■ 44.1182, 0.2516,
0.2282

■ 36.7190, 0.4196,
0.5050

■ 44.1290, 0.2516,
0.2282

Harmonies

Analogous

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



38.9491, 0.3427, 0.3541



38.9491, 0.3309, 0.3590



38.9491, 0.3144, 0.3554

Triad

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



38.9491, 0.3309, 0.3590



38.9491, 0.2802, 0.3138



38.9491, 0.3274, 0.3145

Complementary

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



38.9491, 0.3309, 0.3590



30.3542, 0.2934, 0.2971

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.



38.9491, 0.3103, 0.3043



38.9491, 0.3309, 0.3590



38.9491, 0.2834, 0.3036

Square

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



38.9491, 0.3309, 0.3590



38.9491, 0.2854, 0.3287



38.9491, 0.2943, 0.3003



38.9491, 0.3407, 0.3284

Rectangle

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



38.9491, 0.3309, 0.3590



38.9491, 0.3031, 0.3486



38.9491, 0.2943, 0.3003



38.9491, 0.3219, 0.3105

Sweetspot

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



38.9508, 0.3309, 0.3590



70.5981, 0.3186, 0.3387



31.7688, 0.3344, 0.3286



15.3699, 0.3196, 0.3404



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



38.9508, 0.3309, 0.3590



69.4595, 0.3351, 0.3660



37.8831, 0.3213, 0.3600



8.7716, 0.3262, 0.3513



27.3563, 0.4196, 0.5050



0.6663, 0.4195, 0.5051

Inverse Universe

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



30.3542, 0.2934, 0.2971



50.9325, 0.2886, 0.2892



31.3328, 0.3033, 0.2980



7.3025, 0.2986, 0.3057



2.1404, 0.1501, 0.0601



0.0527, 0.1502, 0.0608

Previews

White Background



This preview shows how the Yxy color 38.9491, 0.3309, 0.3590 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 38.9491, 0.3309, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

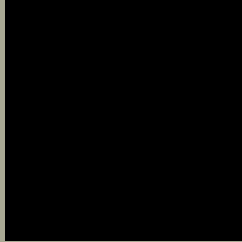
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

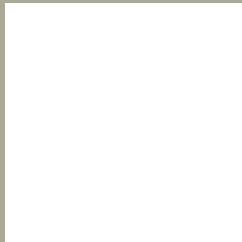
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.9491, 0.3309, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 38.9491, 0.3309, 0.3590.



This preview shows how white text looks on a background with the Yxy color 38.9491, 0.3309, 0.3590.

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

38.9491, 0.3309, 0.3590

Protanopia

38.8580, 0.3379, 0.3572

Deuteranopia

38.6389, 0.3514, 0.3439



Tritanopia

39.0089, 0.3090, 0.3112

Trichromacy



Original Color

38.9491, 0.3309, 0.3590

Protanomaly

38.9961, 0.3358, 0.3587

Deuteranomaly

38.6659, 0.3437, 0.3498

Tritanomaly

38.8331, 0.3174, 0.3276

Monochromacy



Original Color

38.9491, 0.3309, 0.3590

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.8682, 0.3196, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9491, 0.3309, 0.3590 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(169, 169, 148)` looks like.

```
.text, #text, p{  
    color:rgb(169, 169, 148)  
}
```

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(169, 169, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 169, 148) }
```

Border

The CSS property to change the border of an element to Yxy 38.9491, 0.3309, 0.3590 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(169, 169, 148) }
```

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

```
.border{ border-color:rgb(169, 169, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 169, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 169, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 169, 148);  
box-shadow:4px 4px 4px 4px rgb(169, 169,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9491, 0.3309, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 169, 148) }
```

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

```
.background{ background-color: rgb(169,  
169, 148) }
```

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