

Converting Colors

$Yxy(38.9789, 0.3593, 0.4079)$

Have a look what the booklet for
Yxy(38.9789, 0.3593, 0.4079)
contains.

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Color

Yxy(38.9328, 0.3593, 0.4079)

Conversions

Conversions Part 1

Format	Color
Hex	AAAB74
RGB	170, 171, 116
RGB Percent	67%, 67%, 45%
CMY	0.3333, 0.3294, 0.5452
CMYK	0.01, 0.00, 0.32, 0.33
HSL	61°, 25%, 56%
HSV	61°, 32%, 67%
XYZ	34.2941, 38.9328, 22.2200
YIQ	164.4310, 17.0590, -17.3170

Conversions

Conversions Part 2

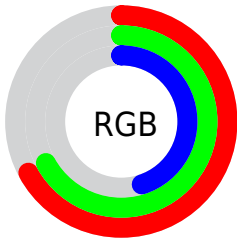
Format	Color
RYB	116, 171, 117
Decimal	11185012
CIELab	68.70, -9.14, 28.29
CIElCh	69, 29.730, 107.906
Yxy	38.9328, 0.3593, 0.4079
Android (android.graphics.Color)	4289375092 (0xFFAAAB74)
YUV	164.4310, -23.8765, 4.8840
Hunter-Lab	62.3962, -11.0864, 22.5634

Details

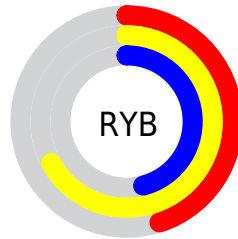
The Yxy color **38.9328, 0.3593, 0.4079** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.2023, 0.2575, 0.2363**, and the grayscale version is **37.4512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4260, 0.3507, 0.3918**, and **17.3808, 0.3718, 0.4323** is the 20% darker color. If you saturate the color by 10%, you get **38.5386, 0.3731, 0.4315**, and if you desaturate by 10%, it is **39.4038, 0.3448, 0.3833**.

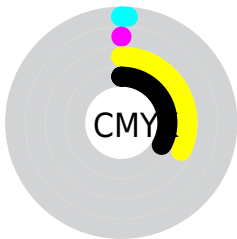
Distribution



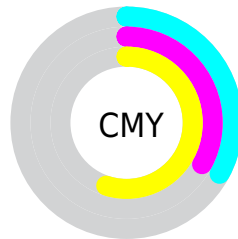
- Red (67%)
- Green (67%)
- Blue (45%)



- Red (45%)
- Yellow (67%)
- Blue (46%)



- Cyan (1%)
- Magenta (0%)
- Yellow (32%)
- Black (33%)



- Cyan (33%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9328, 0.3593, 0.4079 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 38.9328, 0.3593, 0.4079 by changing the saturation by 10% instead.


 38.9328, 0.3593,
0.4079


 38.9328, 0.3593,
0.4079


341.6047, 0.3361,
0.3668


 26.7075, 0.3649,
0.4185


 73.5356, 0.3510,
0.3926

 17.3536, 0.3719,
0.4324


 96.6819, 0.3478,
0.3870

 10.4869, 0.3806,
0.4509


 124.2373, 0.3451,
0.3823

 5.7230, 0.3916,
0.4767

156.5862, 0.3428,
0.3783

 2.6774, 0.4162,
0.5291

194.1130, 0.3408,
0.3748

 0.9657, 0.4176,
0.5824

237.2021, 0.3390,

 0.0000, 0.0000,

0.3718

0.0000

286.2379, 0.3375,
0.3691

■ 38.9328, 0.3593,
0.4079

■ 38.9328, 0.3593,
0.4079

■ 38.5386, 0.3731,
0.4315

■ 39.4038, 0.3448,
0.3833

■ 38.2120, 0.3857,
0.4531

■ 39.9501, 0.3302,
0.3585

■ 37.9503, 0.3965,
0.4718


■ 40.5769, 0.3158,
0.3342


■ 37.7485, 0.4051,
0.4869

■ 41.2875, 0.3020,
0.3109


■ 37.6011, 0.4111,
0.4978

■ 42.0849, 0.2889,
0.2890


 37.5013, 0.4147,
0.5045

 42.9720, 0.2768,
0.2687

 37.4451, 0.4162,
0.5077

 43.9517, 0.2657,
0.2500

 45.0266, 0.2555,
0.2330

 45.2042, 0.2544,
0.2310

Harmonies

Analogous

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



38.9328, 0.3907, 0.3907



38.9328, 0.3593, 0.4079



38.9328, 0.3167, 0.4017

Triad

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



38.9328, 0.3593, 0.4079



38.9328, 0.2319, 0.2887



38.9328, 0.3487, 0.2915

Complementary

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



38.9328, 0.3593, 0.4079



19.2023, 0.2575, 0.2363

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.



38.9328, 0.3037, 0.2680



38.9328, 0.3593, 0.4079



38.9328, 0.2388, 0.2646

Square

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



38.9328, 0.3593, 0.4079



38.9328, 0.2445, 0.3276



38.9328, 0.2641, 0.2580



38.9328, 0.3853, 0.3241

Rectangle

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



38.9328, 0.3593, 0.4079



38.9328, 0.2880, 0.3834



38.9328, 0.2641, 0.2580



38.9328, 0.3339, 0.2824

Sweetspot

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



38.9346, 0.3593, 0.4079



71.7608, 0.3273, 0.3535



22.6142, 0.3844, 0.3306



15.9704, 0.3292, 0.3569



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.



38.9346, 0.3593, 0.4079



69.1845, 0.3698, 0.4258



36.1877, 0.3325, 0.4153



9.3228, 0.3260, 0.3514



28.2302, 0.4163, 0.5077



0.7876, 0.4173, 0.5069

Inverse Universe

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



19.2023, 0.2575, 0.2363



27.9935, 0.2421, 0.2107



21.3893, 0.2863, 0.2434



7.7638, 0.2988, 0.3056



2.2339, 0.1507, 0.0604



0.0643, 0.1538, 0.0621

Previews

White Background



This preview shows how the Yxy color 38.9328, 0.3593, 0.4079 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 38.9328, 0.3593, 0.4079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

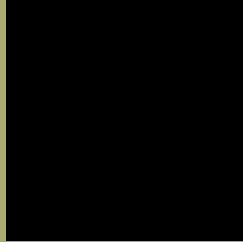
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

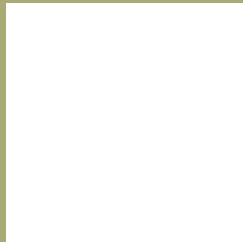
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.9328, 0.3593, 0.4079

Background



This preview shows how black text looks on a background with the Yxy color 38.9328, 0.3593, 0.4079.



This preview shows how white text looks on a background with the Yxy color 38.9328, 0.3593, 0.4079.

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

38.9328, 0.3593, 0.4079

Protanopia

38.6761, 0.3738, 0.4025

Deuteranopia

38.5917, 0.3920, 0.3840



Tritanopia

38.6761, 0.3145, 0.3113

Trichromacy



Original Color

38.9328, 0.3593, 0.4079

Protanomaly

38.5902, 0.3684, 0.4035

Deuteranomaly

38.5266, 0.3796, 0.3929

Tritanomaly

38.6042, 0.3308, 0.3459

Monochromacy



Original Color

38.9328, 0.3593, 0.4079

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.8510, 0.3292, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9328, 0.3593, 0.4079 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(170, 171, 116)` looks like.

```
.text, #text, p{  
    color:rgb(170, 171, 116)  
}
```

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(170, 171, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 171, 116) }
```

Border

The CSS property to change the border of an element to Yxy 38.9328, 0.3593, 0.4079 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(170, 171, 116) }
```

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

```
.border{ border-color:rgb(170, 171, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 171, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 171, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 171, 116);  
box-shadow:4px 4px 4px 4px rgb(170, 171,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9328, 0.3593, 0.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 171, 116) }
```

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

```
.background{ background-color: rgb(170,  
171, 116) }
```

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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