

Converting Colors

$Yxy(38.9533, 0.3601, 0.4092)$

Have a look what the booklet for
Yxy(38.9533, 0.3601, 0.4092)
contains.

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Color

Yxy(38.9097, 0.3601, 0.4093)

Conversions

Conversions Part 1

Format	Color
Hex	AAAB73
RGB	170, 171, 115
RGB Percent	67%, 67%, 45%
CMY	0.3334, 0.3294, 0.5491
CMYK	0.01, 0.00, 0.33, 0.33
HSL	61°, 25%, 56%
HSV	61°, 33%, 67%
XYZ	34.2326, 38.9097, 21.9218
YIQ	164.3170, 17.3800, -17.6280

Conversions

Conversions Part 2

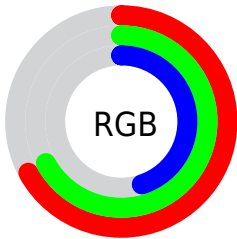
Format	Color
RYB	115, 171, 116
Decimal	11185011
CIELab	68.69, -9.28, 28.79
CIElCh	69, 30.249, 107.869
Yxy	38.9097, 0.3601, 0.4093
Android (android.graphics.Color)	4289375091 (0xFFAAAB73)
YUV	164.3170, -24.3133, 4.9840
Hunter-Lab	62.3776, -11.2009, 22.8277

Details

The Yxy color **38.9097, 0.3601, 0.4093** is a light color, and the websafe version is hex **999966**. A complement of this color would be **18.9131, 0.2563, 0.2344**, and the grayscale version is **37.3949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3515, 0.3521, 0.3940**, and **17.3689, 0.3729, 0.4342** is the 20% darker color. If you saturate the color by 10%, you get **38.5190, 0.3738, 0.4328**, and if you desaturate by 10%, it is **39.3771, 0.3456, 0.3847**.

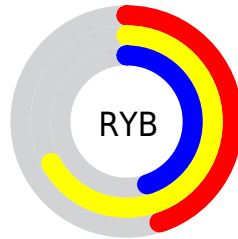
Distribution



Red (67%)

Green (67%)

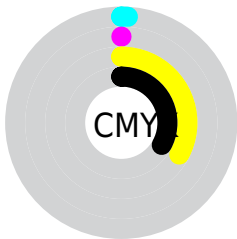
Blue (45%)



Red (45%)

Yellow (67%)

Blue (45%)

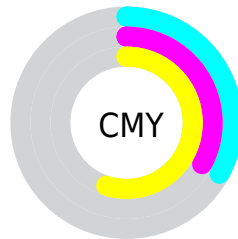


Cyan (1%)

Magenta (0%)

Yellow (33%)

Black (33%)



Cyan (33%)


Magenta (33%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9097, 0.3601, 0.4093 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 38.9097, 0.3601, 0.4093 by changing the saturation by 10% instead.


 38.9097, 0.3601,
0.4093


 38.9097, 0.3601,
0.4093

341.5064, 0.3365,
0.3675


 26.6895, 0.3658,
0.4201


 73.5004, 0.3516,
0.3938

 17.3402, 0.3728,
0.4342


 96.6396, 0.3484,
0.3880

 10.4773, 0.3817,
0.4530


 124.1873, 0.3457,
0.3832

 5.7166, 0.3927,
0.4791

156.5278, 0.3433,
0.3791

 2.6735, 0.4185,
0.5337

194.0456, 0.3413,
0.3756

 0.9638, 0.4163,
0.5837

237.1250, 0.3395,

 0.0000, 0.0000,

0.3725

0.0000

286.1505, 0.3379,
0.3699

■ 38.9097, 0.3601,
0.4093

■ 38.9097, 0.3601,
0.4093

■ 38.5190, 0.3738,
0.4328

■ 39.3771, 0.3456,
0.3847

■ 38.1956, 0.3863,
0.4543

■ 39.9195, 0.3310,
0.3599

■ 37.9368, 0.3970,
0.4728

■ 40.5423, 0.3166,
0.3356


■ 37.7377, 0.4054,
0.4876

■ 41.2486, 0.3028,
0.3122


■ 37.5925, 0.4114,
0.4983


■ 42.0417, 0.2897,
0.2902

 37.4947, 0.4148,
0.5048

 42.9243, 0.2775,
0.2698

 37.4424, 0.4162,
0.5077

 43.8994, 0.2663,
0.2511

 44.9695, 0.2561,
0.2340

 45.2096, 0.2545,
0.2310

Harmonies

Analogous

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



38.9097, 0.3921, 0.3917



38.9097, 0.3601, 0.4093



38.9097, 0.3167, 0.4031

Triad

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



38.9097, 0.3601, 0.4093



38.9097, 0.2306, 0.2880



38.9097, 0.3492, 0.2909

Complementary

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



38.9097, 0.3601, 0.4093



18.9131, 0.2563, 0.2344

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.



38.9097, 0.3035, 0.2670



38.9097, 0.3601, 0.4093



38.9097, 0.2376, 0.2635

Square

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



38.9097, 0.3601, 0.4093



38.9097, 0.2433, 0.3276



38.9097, 0.2632, 0.2569



38.9097, 0.3866, 0.3239

Rectangle

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



38.9097, 0.3601, 0.4093



38.9097, 0.2875, 0.3844



38.9097, 0.2632, 0.2569



38.9097, 0.3342, 0.2816

Sweetspot

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



38.9115, 0.3601, 0.4093



71.7596, 0.3273, 0.3535



22.3693, 0.3862, 0.3306



15.9701, 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.



38.9115, 0.3601, 0.4093



69.1799, 0.3697, 0.4258



36.1232, 0.3328, 0.4170



9.3227, 0.3260, 0.3514



28.2255, 0.4162, 0.5077



0.7875, 0.4172, 0.5069

Inverse Universe

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



18.9131, 0.2563, 0.2344



27.9959, 0.2421, 0.2107



21.1227, 0.2857, 0.2417



7.7639, 0.2988, 0.3056



2.2342, 0.1507, 0.0604



0.0644, 0.1539, 0.0621

Previews

White Background



This preview shows how the Yxy color 38.9097, 0.3601, 0.4093 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 38.9097, 0.3601, 0.4093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

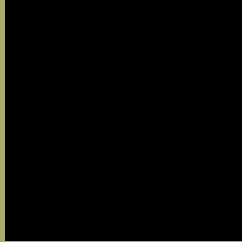
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9097, 0.3601, 0.4093

Background



This preview shows how black text looks on a background with the Yxy color 38.9097, 0.3601, 0.4093.



This preview shows how white text looks on a background with the Yxy color 38.9097, 0.3601, 0.4093.

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

38.9097, 0.3601, 0.4093

Protanopia

38.6534, 0.3747, 0.4039

Deuteranopia

38.5681, 0.3929, 0.3853



Tritanopia

38.6761, 0.3145, 0.3113

Trichromacy



Original Color

38.9097, 0.3601, 0.4093

Protanomaly

38.5673, 0.3693, 0.4049

Deuteranomaly

38.5032, 0.3806, 0.3942

Tritanomaly

38.6042, 0.3308, 0.3459

Monochromacy



Original Color

38.9097, 0.3601, 0.4093

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.8197, 0.3301, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9097, 0.3601, 0.4093 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(170, 171, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 171, 115) }
```

Border

The CSS property to change the border of an element to Yxy 38.9097, 0.3601, 0.4093 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, 115) }
```

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

```
.border{ border-color:rgb(170, 171, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 171, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 171, 115);  
box-shadow:4px 4px 4px 4px rgb(170, 171,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9097, 0.3601, 0.4093 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, 115) }
```

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

```
.background{ background-color: rgb(170,  
171, 115) }
```

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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