

Converting Colors

$Yxy(37.8338, 0.3745, 0.4123)$

Have a look what the booklet for
Yxy(37.8338, 0.3745, 0.4123)
contains.

Yxy(37.9502, 0.3739, 0.4122)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.9502, 0.3739, 0.4122)

Conversions

Conversions Part 1

Format	Color
Hex	B0A76C
RGB	176, 167, 108
RGB Percent	69%, 65%, 42%
CMY	0.3099, 0.3450, 0.5765
CMYK	0.00, 0.05, 0.39, 0.31
HSL	52°, 30%, 56%
HSV	52°, 39%, 69%
XYZ	34.4240, 37.9502, 19.6932
YIQ	162.9650, 24.3030, -16.4410

Conversions

Conversions Part 2

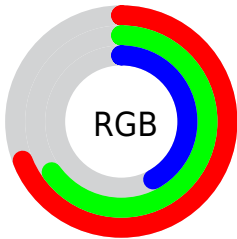
Format	Color
RYB	118, 176, 108
Decimal	11577196
CIELab	67.98, -5.59, 31.69
CIELCh	68, 32.185, 100.010
Yxy	37.9502, 0.3739, 0.4122
Android (android.graphics.Color)	4289767276 (0xFFB0A76C)
YUV	162.9650, -27.0977, 11.4317
Hunter-Lab	61.6037, -8.0612, 24.1690

Details

The Yxy color **37.9502, 0.3739, 0.4122** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.0286, 0.2453, 0.2291**, and the grayscale version is **36.7286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1043, 0.3633, 0.3965**, and **16.7148, 0.3909, 0.4371** is the 20% darker color. If you saturate the color by 10%, you get **36.7727, 0.3899, 0.4324**, and if you desaturate by 10%, it is **39.2220, 0.3575, 0.3907**.

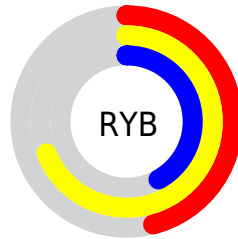
Distribution



Red (69%)

Green (65%)

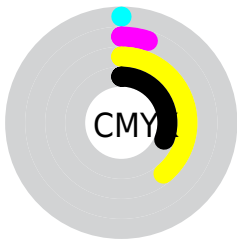
Blue (42%)



Red (46%)

Yellow (69%)

Blue (42%)

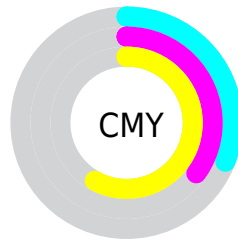


Cyan (0%)

Magenta (5%)

Yellow (39%)

Black (31%)



Cyan (31%)


Magenta (35%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9502, 0.3739, 0.4122 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 37.9502, 0.3739, 0.4122 by changing the saturation by 10% instead.


 37.9502, 0.3739,
0.4122

 37.9502, 0.3739,
0.4122


337.4063, 0.3432,
0.3692

 25.9440, 0.3814,
0.4231


 72.0318, 0.3628,
0.3964


 16.7818, 0.3907,
0.4371


 94.8760, 0.3586,
0.3905

 10.0790, 0.4024,
0.4554


 122.1017, 0.3551,
0.3855

 5.4514, 0.4170,
0.4800

 154.0933, 0.3520,
0.3813

 2.5145, 0.4582,
0.5418

191.2352, 0.3494,
0.3777

 0.8839, 0.4432,
0.5568

233.9117, 0.3470,

 0.0000, 0.0000,

0.3745

0.0000

282.5073, 0.3450,
0.3717

■ 37.9502, 0.3739,
0.4122

■ 37.9502, 0.3739,
0.4122

■ 36.7727, 0.3899,
0.4324

■ 39.2220, 0.3575,
0.3907

■ 35.6796, 0.4049,
0.4504

■ 40.5872, 0.3412,
0.3688

■ 34.6676, 0.4183,
0.4652


■ 42.0515, 0.3256,
0.3471


■ 33.7308, 0.4293,
0.4760


■ 43.6185, 0.3108,
0.3262

■ 32.8623, 0.4378,
0.4825


■ 45.2919, 0.2970,
0.3064


 32.0503, 0.4437,
0.4850

 47.0748, 0.2843,
0.2879

 31.9415, 0.4445,
0.4853

 48.9705, 0.2727,
0.2707

 50.9819, 0.2622,
0.2550

 52.3587, 0.2590,
0.2516

Harmonies

Analogous

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



37.9502, 0.4032, 0.3878



37.9502, 0.3739, 0.4122



37.9502, 0.3294, 0.4135

Triad

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



37.9502, 0.3739, 0.4122



37.9502, 0.2266, 0.2946



37.9502, 0.3391, 0.2805

Complementary

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



37.9502, 0.3739, 0.4122



19.0286, 0.2453, 0.2291

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.



37.9502, 0.2903, 0.2585



37.9502, 0.3739, 0.4122



37.9502, 0.2286, 0.2639

Square

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



37.9502, 0.3739, 0.4122



37.9502, 0.2454, 0.3399



37.9502, 0.2509, 0.2521



37.9502, 0.3833, 0.3135

Rectangle

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



37.9502, 0.3739, 0.4122



37.9502, 0.2975, 0.3981



37.9502, 0.2509, 0.2521



37.9502, 0.3226, 0.2717

Sweetspot

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



37.9519, 0.3739, 0.4122



75.3264, 0.3311, 0.3548



21.2338, 0.3936, 0.3157



16.2516, 0.3331, 0.3575



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.9519, 0.3739, 0.4122



67.0990, 0.3871, 0.4288



38.7042, 0.3455, 0.4314



9.7119, 0.3266, 0.3486



23.5063, 0.4442, 0.4855



0.7923, 0.4363, 0.4918

Inverse Universe

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



19.0286, 0.2453, 0.2291



28.0942, 0.2290, 0.2037



18.8345, 0.2683, 0.2211



8.4046, 0.2985, 0.3086



2.8055, 0.1532, 0.0716



0.1453, 0.1637, 0.1094

Previews

White Background



This preview shows how the Yxy color 37.9502, 0.3739, 0.4122 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 37.9502, 0.3739, 0.4122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

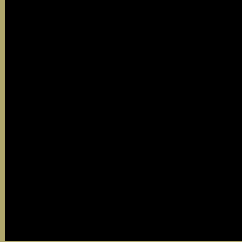
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

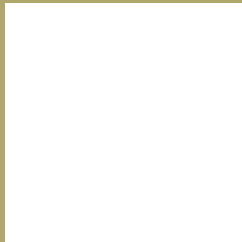
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.9502, 0.3739, 0.4122

Background



This preview shows how black text looks on a background with the Yxy color 37.9502, 0.3739, 0.4122.



This preview shows how white text looks on a background with the Yxy color 37.9502, 0.3739, 0.4122.

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

37.9502, 0.3739, 0.4122

Protanopia

38.0373, 0.3794, 0.4110

Deuteranopia

37.7216, 0.4007, 0.3916



Tritanopia

37.8421, 0.3241, 0.3115

Trichromacy



Original Color

37.9502, 0.3739, 0.4122

Protanomaly

37.9177, 0.3784, 0.4113

Deuteranomaly

37.6702, 0.3916, 0.3988

Tritanomaly

37.7139, 0.3421, 0.3472

Monochromacy



Original Color

37.9502, 0.3739, 0.4122

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.8589, 0.3353, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9502, 0.3739, 0.4122 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(176, 167, 108)` looks like.

```
.text, #text, p{  
    color:rgb(176, 167, 108)  
}
```

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(176, 167, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 167, 108) }
```

Border

The CSS property to change the border of an element to Yxy 37.9502, 0.3739, 0.4122 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(176, 167, 108) }
```

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

```
.border{ border-color:rgb(176, 167, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 167, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 167, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 167, 108);  
box-shadow:4px 4px 4px 4px rgb(176, 167,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9502, 0.3739, 0.4122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 167, 108) }
```

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

```
.background{ background-color: rgb(176,  
167, 108) }
```

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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