

Converting Colors

$Yxy(37.6071, 0.3739, 0.3983)$

Have a look what the booklet for
Yxy(37.6071, 0.3739, 0.3983)
contains.

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Color

Yxy(37.4920, 0.3733, 0.3976)

Conversions

Conversions Part 1

Format	Color
Hex	B4A473
RGB	180, 164, 115
RGB Percent	71%, 64%, 45%
CMY	0.2939, 0.3569, 0.5490
CMYK	0.00, 0.09, 0.36, 0.29
HSL	45°, 30%, 58%
HSV	45°, 36%, 71%
XYZ	35.2006, 37.4920, 21.6032
YIQ	163.1980, 25.2650, -11.8470

Conversions

Conversions Part 2

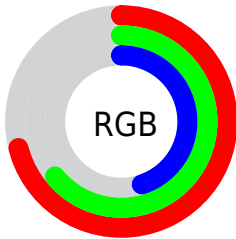
Format	Color
RYB	136, 180, 115
Decimal	11838579
CIELab	67.64, -1.47, 27.57
CIELCh	68, 27.605, 93.055
Yxy	37.4920, 0.3733, 0.3976
Android (android.graphics.Color)	4290028659 (0xFFB4A473)
YUV	163.1980, -23.7616, 14.7354
Hunter-Lab	61.2307, -4.5368, 21.9430

Details

The Yxy color **37.4920, 0.3733, 0.3976** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.1929, 0.2518, 0.2492**, and the grayscale version is **36.8332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4576, 0.3624, 0.3852**, and **16.4173, 0.3913, 0.4176** is the 20% darker color. If you saturate the color by 10%, you get **35.5556, 0.3919, 0.4161**, and if you desaturate by 10%, it is **39.5684, 0.3552, 0.3783**.

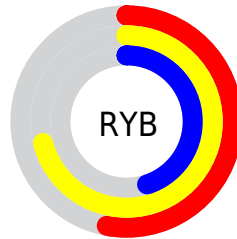
Distribution



Red (71%)

Green (64%)

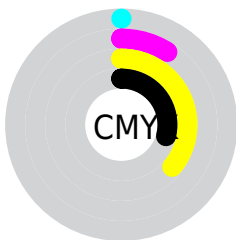
Blue (45%)



Red (53%)

Yellow (71%)

Blue (45%)

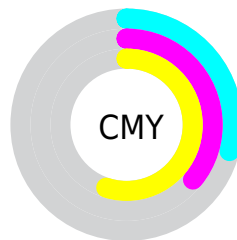


Cyan (0%)

Magenta (9%)

Yellow (36%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.4920, 0.3733, 0.3976 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 37.4920, 0.3733, 0.3976 by changing the saturation by 10% instead.


 37.4920, 0.3733,
0.3976


 37.4920, 0.3733,
0.3976


335.4357, 0.3424,
0.3623


 25.5887, 0.3811,
0.4065


 71.3288, 0.3620,
0.3846

 16.5162, 0.3909,
0.4180


 94.0311, 0.3578,
0.3798

 9.8901, 0.4038,
0.4331


 121.1018, 0.3542,
0.3758

 5.3262, 0.4209,
0.4534

152.9254, 0.3511,
0.3723

 2.4399, 0.4601,
0.4991

189.8861, 0.3485,
0.3693

 0.8463, 0.4759,
0.5241

232.3685, 0.3462,

 0.0000, 0.0000,

0.3667

0.0000

280.7569, 0.3442,
0.3644

■ 37.4920, 0.3733,
0.3976

■ 37.4920, 0.3733,
0.3976

■ 35.5556, 0.3919,
0.4161

■ 39.5684, 0.3552,
0.3783

■ 33.7488, 0.4103,
0.4329

■ 41.7846, 0.3380,
0.3590

■ 32.0674, 0.4277,
0.4470


■ 44.1468, 0.3219,
0.3401


■ 30.5051, 0.4435,
0.4574


■ 46.6594, 0.3071,
0.3222


■ 29.0544, 0.4567,
0.4633


■ 49.3265, 0.2937,
0.3053


 27.7059, 0.4671,
0.4645

 52.1519, 0.2816,
0.2896

 27.2030, 0.4708,
0.4644

 55.1395, 0.2707,
0.2751

 58.0294, 0.2632,
0.2659

 60.1124, 0.2637,
0.2711

Harmonies

Analogous

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



37.4920, 0.3937, 0.3740



37.4920, 0.3733, 0.3976



37.4920, 0.3371, 0.4031

Triad

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



37.4920, 0.3733, 0.3976



37.4920, 0.2400, 0.3081



37.4920, 0.3258, 0.2812

Complementary

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



37.4920, 0.3733, 0.3976



23.1929, 0.2518, 0.2492

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.



37.4920, 0.2846, 0.2648



37.4920, 0.3733, 0.3976



37.4920, 0.2374, 0.2777

Square

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



37.4920, 0.3733, 0.3976



37.4920, 0.2608, 0.3483



37.4920, 0.2530, 0.2630



37.4920, 0.3658, 0.3085

Rectangle

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



37.4920, 0.3733, 0.3976



37.4920, 0.3095, 0.3935



37.4920, 0.2530, 0.2630



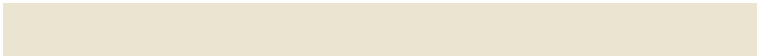
37.4920, 0.3116, 0.2743

Sweetspot

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



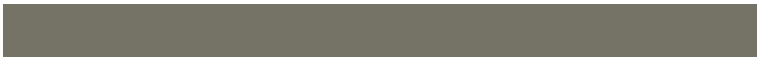
37.4937, 0.3733, 0.3976



77.8001, 0.3299, 0.3496



23.6182, 0.3762, 0.3056



16.6931, 0.3320, 0.3521



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.



37.4937, 0.3733, 0.3976



65.2499, 0.3874, 0.4118



41.7689, 0.3507, 0.4223



9.5442, 0.3269, 0.3461



19.0853, 0.4700, 0.4650



0.6858, 0.4532, 0.4784

Inverse Universe

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



23.1929, 0.2518, 0.2492



35.6891, 0.2376, 0.2288



20.4073, 0.2640, 0.2266



8.5597, 0.2985, 0.3113



3.6718, 0.1585, 0.0904



0.2090, 0.1738, 0.1458

Previews

White Background



This preview shows how the Yxy color 37.4920, 0.3733, 0.3976 looks on a white background.

Color Contrast Check

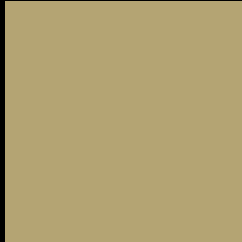
Large Text (above 18pt) WCAG AA × Fail

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 37.4920, 0.3733, 0.3976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

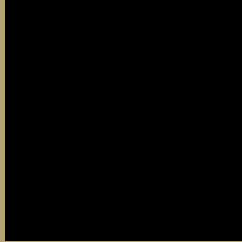
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4920, 0.3733, 0.3976

Background



This preview shows how black text looks on a background with the Yxy color 37.4920, 0.3733, 0.3976.



This preview shows how white text looks on a background with the Yxy color 37.4920, 0.3733, 0.3976.

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

37.4920, 0.3733, 0.3976

Protanopia

37.6130, 0.3707, 0.3994

Deuteranopia

37.4504, 0.3919, 0.3848



Tritanopia

37.4176, 0.3301, 0.3130

Trichromacy



Original Color

37.4920, 0.3733, 0.3976

Protanomaly

37.7318, 0.3718, 0.3992

Deuteranomaly

37.3497, 0.3846, 0.3887

Tritanomaly

37.5019, 0.3466, 0.3442

Monochromacy



Original Color

37.4920, 0.3733, 0.3976

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.7047, 0.3338, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4920, 0.3733, 0.3976 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(180, 164, 115)` looks like.

```
.text, #text, p{  
    color:rgb(180, 164, 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(180, 164, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 164, 115) }
```

Border

The CSS property to change the border of an element to Yxy 37.4920, 0.3733, 0.3976 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(180, 164, 115) }
```

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

```
.border{ border-color:rgb(180, 164, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 164, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 164, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 164, 115);  
box-shadow:4px 4px 4px 4px rgb(180, 164,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4920, 0.3733, 0.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 164, 115) }
```

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

```
.background{ background-color: rgb(180,  
164, 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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