

Converting Colors

$Yxy(37.1974, 0.3871, 0.4168)$

Have a look what the booklet for
Yxy(37.1974, 0.3871, 0.4168)
contains.

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Color

Yxy(37.2948, 0.3876, 0.4174)

Conversions

Conversions Part 1

Format	Color
Hex	B5A464
RGB	181, 164, 100
RGB Percent	71%, 64%, 39%
CMY	0.2902, 0.3568, 0.6079
CMYK	0.00, 0.09, 0.45, 0.29
HSL	47°, 35%, 55%
HSV	47°, 45%, 71%
XYZ	34.6322, 37.2948, 17.4233
YIQ	161.7870, 30.6760, -16.3000

Conversions

Conversions Part 2

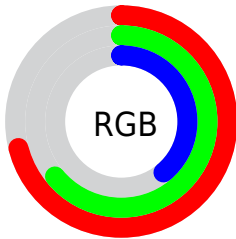
Format	Color
RYB	122, 181, 100
Decimal	11904100
CIELab	67.50, -2.78, 35.38
CIElCh	67, 35.490, 94.495
Yxy	37.2948, 0.3876, 0.4174
Android (android.graphics.Color)	4290094180 (0xFFB5A464)
YUV	161.7870, -30.4610, 16.8498
Hunter-Lab	61.0695, -5.6452, 25.8330

Details

The Yxy color **37.2948, 0.3876, 0.4174** is a light color, and the websafe version is hex **999966**. A complement of this color would be **18.7624, 0.2347, 0.2207**, and the grayscale version is **36.1611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1072, 0.3737, 0.4010**, and **16.2630, 0.4082, 0.4427** is the 20% darker color. If you saturate the color by 10%, you get **35.6448, 0.4051, 0.4351**, and if you desaturate by 10%, it is **39.0667, 0.3698, 0.3980**.

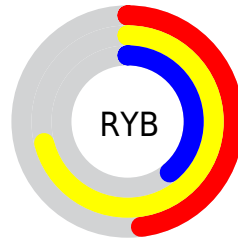
Distribution



Red (71%)

Green (64%)

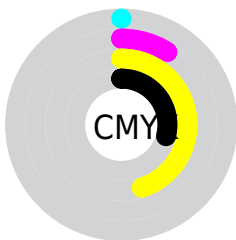
Blue (39%)



Red (48%)

Yellow (71%)

Blue (39%)

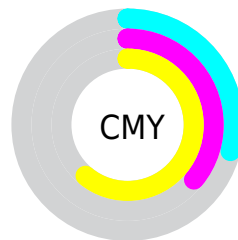


Cyan (0%)

Magenta (9%)

Yellow (45%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2948, 0.3876, 0.4174 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 37.2948, 0.3876, 0.4174 by changing the saturation by 10% instead.


 37.2948, 0.3876,
0.4174

 37.2948, 0.3876,
0.4174


334.5851, 0.3499,
0.3723


 25.4358, 0.3967,
0.4286


 71.0260, 0.3740,
0.4010


 16.4021, 0.4080,
0.4426


 93.6669, 0.3689,
0.3948

 9.8091, 0.4221,
0.4605


 120.6707, 0.3645,
0.3896

 5.2726, 0.4394,
0.4835

 152.4216, 0.3607,
0.3851

 2.4081, 0.4727,
0.5273

189.3041, 0.3575,
0.3812

 0.8300, 0.4649,
0.5351

231.7026, 0.3546,

 0.0000, 0.0000,

0.3779

0.0000

280.0015, 0.3521,
0.3749

■ 37.2948, 0.3876,
0.4174

■ 37.2948, 0.3876,
0.4174

■ 35.6448, 0.4051,
0.4351

■ 39.0667, 0.3698,
0.3980

■ 34.1060, 0.4215,
0.4502

■ 40.9605, 0.3523,
0.3779

■ 32.6739, 0.4362,
0.4616

■ 42.9825, 0.3355,
0.3577

■ 31.3413, 0.4484,
0.4687

■ 45.1371, 0.3198,
0.3381

■ 30.0998, 0.4577,
0.4712

■ 47.4285, 0.3053,
0.3193

■ 29.4768, 0.4619,
0.4714

■ 49.8607, 0.2920,
0.3018

■ 52.4372, 0.2799,
0.2854

■ 55.1617, 0.2690,
0.2704

■ 57.5194, 0.2636,
0.2644

Harmonies

Analogous

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



37.2948, 0.4160, 0.3863



37.2948, 0.3876, 0.4174



37.2948, 0.3403, 0.4254

Triad

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



37.2948, 0.3876, 0.4174



37.2948, 0.2201, 0.2986



37.2948, 0.3317, 0.2702

Complementary

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



37.2948, 0.3876, 0.4174



18.7624, 0.2347, 0.2207

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.



37.2948, 0.2786, 0.2491



37.2948, 0.3876, 0.4174



37.2948, 0.2182, 0.2615

Square

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



37.2948, 0.3876, 0.4174



37.2948, 0.2445, 0.3509



37.2948, 0.2385, 0.2452



37.2948, 0.3832, 0.3043

Rectangle

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



37.2948, 0.3876, 0.4174



37.2948, 0.3050, 0.4125



37.2948, 0.2385, 0.2452



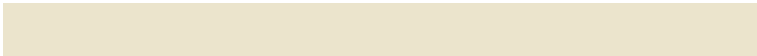
37.2948, 0.3133, 0.2614

Sweetspot

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



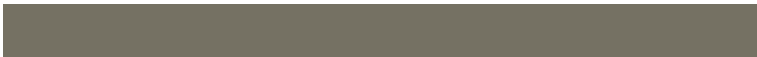
37.2965, 0.3876, 0.4174



77.5557, 0.3330, 0.3546



20.2313, 0.4034, 0.3039



16.5858, 0.3366, 0.3589



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.



37.2965, 0.3876, 0.4174



63.7945, 0.4053, 0.4354



41.2446, 0.3562, 0.4461



9.5979, 0.3268, 0.3469



20.4212, 0.4613, 0.4719



0.7187, 0.4475, 0.4828

Inverse Universe

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



18.7624, 0.2347, 0.2207



26.3467, 0.2155, 0.1911



16.6524, 0.2521, 0.1994



8.5096, 0.2985, 0.3105



3.3387, 0.1565, 0.0833



0.1885, 0.1708, 0.1347

Previews

White Background



This preview shows how the Yxy color 37.2948, 0.3876, 0.4174 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 37.2948, 0.3876, 0.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

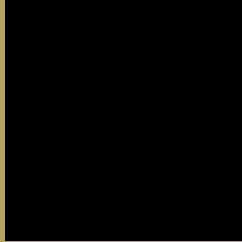
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2948, 0.3876, 0.4174

Background



This preview shows how black text looks on a background with the Yxy color 37.2948, 0.3876, 0.4174.



This preview shows how white text looks on a background with the Yxy color 37.2948, 0.3876, 0.4174.

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

37.2948, 0.3876, 0.4174

Protanopia

37.1743, 0.3865, 0.4177

Deuteranopia

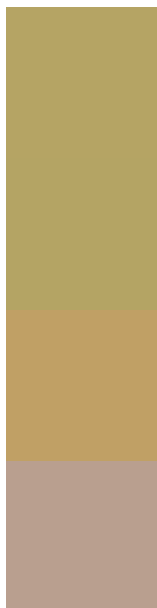
37.2154, 0.4088, 0.4003



Tritanopia

37.2955, 0.3332, 0.3130

Trichromacy



Original Color

37.2948, 0.3876, 0.4174

Protanomaly

37.1743, 0.3865, 0.4177

Deuteranomaly

37.2877, 0.4005, 0.4074

Tritanomaly

37.0937, 0.3537, 0.3512

Monochromacy



Original Color

37.2948, 0.3876, 0.4174

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.4935, 0.3402, 0.3639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2948, 0.3876, 0.4174 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(181, 164, 100)` looks like.

```
.text, #text, p{  
    color:rgb(181, 164, 100)  
}
```

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(181, 164, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 164, 100) }
```

Border

The CSS property to change the border of an element to Yxy 37.2948, 0.3876, 0.4174 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(181, 164, 100) }
```

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

```
.border{ border-color:rgb(181, 164, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 164, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 164, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 164, 100);  
box-shadow:4px 4px 4px 4px rgb(181, 164,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2948, 0.3876, 0.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 164, 100) }
```

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

```
.background{ background-color: rgb(181,  
164, 100) }
```

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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