

Converting Colors

$Yxy(37.0882, 0.3408, 0.3635)$

Have a look what the booklet for
Yxy(37.0882, 0.3408, 0.3635)
contains.

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Color

Yxy(37.1023, 0.3411, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	ABA48C
RGB	171, 164, 140
RGB Percent	67%, 64%, 55%
CMY	0.3293, 0.3569, 0.4510
CMYK	0.00, 0.04, 0.18, 0.33
HSL	46°, 16%, 61%
HSV	46°, 18%, 67%
XYZ	34.8064, 37.1023, 30.1329
YIQ	163.3570, 11.8760, -5.9800

Conversions

Conversions Part 2

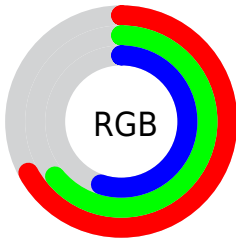
Format	Color
R_{YB}	149, 171, 140
Decimal	11248780
CIE _{Lab}	67.35, -1.56, 13.38
CIE _{LCh}	67, 13.471, 96.663
Yxy	37.1023, 0.3411, 0.3636
Android (android.graphics.Color)	4289438860 (0xFFABA48C)
YUV	163.3570, -11.5150, 6.7029
Hunter-Lab	60.9117, -4.5963, 13.3075

Details

The Yxy color **37.1023, 0.3411, 0.3636** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3866, 0.2841, 0.2918**, and the grayscale version is **36.8563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8890, 0.3357, 0.3565**, and **16.2485, 0.3505, 0.3735** is the 20% darker color. If you saturate the color by 10%, you get **35.2737, 0.3582, 0.3834**, and if you desaturate by 10%, it is **39.0548, 0.3250, 0.3442**.

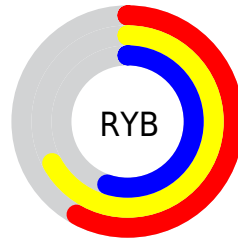
Distribution



Red (67%)

Green (64%)

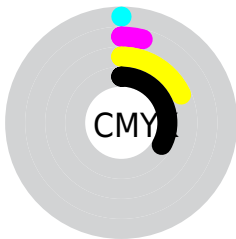
Blue (55%)



Red (58%)

Yellow (67%)

Blue (55%)

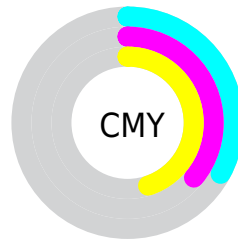


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (33%)



Cyan (33%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.1023, 0.3411, 0.3636 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 37.1023, 0.3411, 0.3636 by changing the saturation by 10% instead.


 37.1023, 0.3411,
0.3636


 37.1023, 0.3411,
0.3636


333.7532, 0.3264,
0.3456


 25.2867, 0.3449,
0.3683


 70.7301, 0.3357,
0.3569

 16.2908, 0.3499,
0.3745


 93.3111, 0.3336,
0.3544

 9.7302, 0.3567,
0.3830


 120.2493, 0.3320,
0.3523

 5.2204, 0.3664,
0.3954

151.9292, 0.3305,
0.3506

 2.3772, 0.3814,
0.4146

188.7352, 0.3293,
0.3491

 0.8141, 0.4747,
0.5253

231.0516, 0.3282,

 0.0000, 0.0000,

0.3478

0.0000

279.2628, 0.3273,
0.3466

■ 37.1023, 0.3411,
0.3636

■ 37.1023, 0.3411,
0.3636

■ 35.2737, 0.3582,
0.3834

■ 39.0548, 0.3250,
0.3442

■ 33.5601, 0.3761,
0.4030

■ 41.1299, 0.3100,
0.3256

■ 31.9588, 0.3941,
0.4215

■ 43.3329, 0.2964,
0.3081

■ 30.4652, 0.4118,
0.4382

■ 45.6671, 0.2840,
0.2918

■ 29.0742, 0.4282,
0.4519

■ 48.1358, 0.2728,
0.2767

■ 27.7802, 0.4427,
0.4618

■ 50.7419, 0.2628,
0.2628

■ 26.5765, 0.4547,
0.4673

■ 53.1819, 0.2563,
0.2548

■ 25.4521, 0.4639,
0.4684

■ 54.8935, 0.2569,
0.2594

■ 25.2493, 0.4656,
0.4685

■ 56.6501, 0.2575,
0.2641

Harmonies

Analogous

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



37.1023, 0.3517, 0.3540



37.1023, 0.3411, 0.3636



37.1023, 0.3230, 0.3637

Triad

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



37.1023, 0.3411, 0.3636



37.1023, 0.2754, 0.3175



37.1023, 0.3221, 0.3061

Complementary

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



37.1023, 0.3411, 0.3636



29.3866, 0.2841, 0.2918

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.



37.1023, 0.3015, 0.2968



37.1023, 0.3411, 0.3636



37.1023, 0.2751, 0.3027

Square

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



37.1023, 0.3411, 0.3636



37.1023, 0.2853, 0.3364



37.1023, 0.2845, 0.2954



37.1023, 0.3406, 0.3211

Rectangle

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



37.1023, 0.3411, 0.3636



37.1023, 0.3093, 0.3580



37.1023, 0.2845, 0.2954



37.1023, 0.3151, 0.3022

Sweetspot

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



37.1040, 0.3411, 0.3636



71.0374, 0.3203, 0.3384



29.5269, 0.3393, 0.3184



15.7859, 0.3213, 0.3397



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.



37.1040, 0.3411, 0.3636



65.0162, 0.3483, 0.3720



38.7870, 0.3315, 0.3743



9.0181, 0.3268, 0.3464



19.1104, 0.4651, 0.4689



0.6063, 0.4487, 0.4819

Inverse Universe

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



29.3866, 0.2841, 0.2918



48.4728, 0.2767, 0.2820



28.0144, 0.2916, 0.2818



8.0404, 0.2986, 0.3109



3.3634, 0.1574, 0.0866



0.1744, 0.1732, 0.1435

Previews

White Background



This preview shows how the Yxy color 37.1023, 0.3411, 0.3636 looks on a white background.

Color Contrast Check

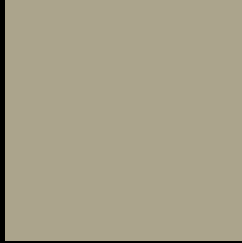
Large Text (above 18pt) WCAG AA × Fail

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 37.1023, 0.3411, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

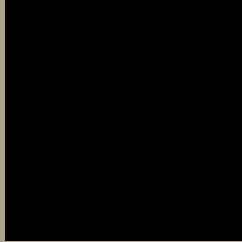
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1023, 0.3411, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 37.1023, 0.3411, 0.3636.



This preview shows how white text looks on a background with the Yxy color 37.1023, 0.3411, 0.3636.

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

37.1023, 0.3411, 0.3636

Protanopia

37.2150, 0.3421, 0.3635

Deuteranopia

37.0682, 0.3590, 0.3523



Tritanopia

36.8888, 0.3164, 0.3111

Trichromacy



Original Color

37.1023, 0.3411, 0.3636

Protanomaly

37.2150, 0.3421, 0.3635

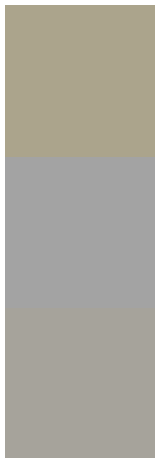
Deuteranomaly

37.0098, 0.3523, 0.3556

Tritanomaly

37.0265, 0.3262, 0.3304

Monochromacy



Original Color

37.1023, 0.3411, 0.3636

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.6679, 0.3227, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1023, 0.3411, 0.3636 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(171, 164, 140)` looks like.

```
.text, #text, p{  
    color:rgb(171, 164, 140)  
}
```

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(171, 164, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 164, 140) }
```

Border

The CSS property to change the border of an element to Yxy 37.1023, 0.3411, 0.3636 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(171, 164, 140) }
```

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

```
.border{ border-color:rgb(171, 164, 140) }
```

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

Here you see how a box with a 4 pixel rgb(171, 164, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 164, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 164, 140);  
box-shadow:4px 4px 4px 4px rgb(171, 164,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1023, 0.3411, 0.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 164, 140) }
```

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

```
.background{ background-color: rgb(171,  
164, 140) }
```

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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