

Converting Colors

Yxy(36.9888, 0.3367, 0.4294)

Have a look what the booklet for
Yxy(36.9888, 0.3367, 0.4294)
contains.

Yxy(37.1270, 0.3367, 0.4303)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.1270, 0.3367, 0.4303)

Conversions

Conversions Part 1

Format	Color
Hex	8EAE6D
RGB	142, 174, 109
RGB Percent	56%, 68%, 43%
CMY	0.4432, 0.3176, 0.5725
CMYK	0.18, 0.00, 0.37, 0.32
HSL	90°, 29%, 55%
HSV	90°, 37%, 68%
XYZ	29.0510, 37.1270, 20.1036
YIQ	157.0220, 1.7930, -26.9990

Conversions

Conversions Part 2

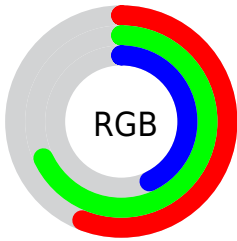
Format	Color
RYB	109, 174, 141
Decimal	9350765
CIELab	67.37, -22.56, 29.86
CIELCh	67, 37.423, 127.070
Yxy	37.1270, 0.3367, 0.4303
Android (android.graphics.Color)	4287540845 (0xFF8EAE6D)
YUV	157.0220, -23.6748, -13.1743
Hunter-Lab	60.9319, -21.5259, 23.0905

Details

The Yxy color **37.1270, 0.3367, 0.4303** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.6583, 0.2791, 0.2277**, and the grayscale version is **33.8356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0372, 0.3335, 0.4102**, and **16.1746, 0.3409, 0.4646** is the 20% darker color. If you saturate the color by 10%, you get **36.0611, 0.3416, 0.4598**, and if you desaturate by 10%, it is **38.3286, 0.3308, 0.4011**.

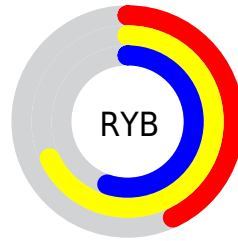
Distribution



Red (56%)

Green (68%)

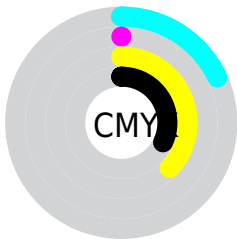
Blue (43%)



Red (43%)

Yellow (68%)

Blue (55%)

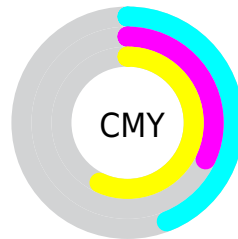


Cyan (18%)

Magenta (0%)

Yellow (37%)

Black (32%)



Cyan (44%)


Magenta (32%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1270, 0.3367, 0.4303 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 37.1270, 0.3367, 0.4303 by changing the saturation by 10% instead.


 37.1270, 0.3367,
0.4303

 37.1270, 0.3367,
0.4303


333.8600, 0.3258,
0.3758

 25.3058, 0.3388,
0.4451


 70.7681, 0.3331,
0.4096


 16.3051, 0.3411,
0.4647


 93.3568, 0.3317,
0.4021

 9.7403, 0.3430,
0.4919


 120.3034, 0.3304,
0.3958

 5.2271, 0.3433,
0.5313

 151.9924, 0.3292,
0.3906

 2.3811, 0.3623,
0.6359

188.8082, 0.3282,
0.3861

 0.8161, 0.2161,
0.7839

231.1352, 0.3273,

 0.0000, 0.0000,

0.3822

0.0000

279.3576, 0.3265,
0.3788

■ 37.1270, 0.3367,
0.4303

■ 37.1270, 0.3367,
0.4303

■ 36.0611, 0.3416,
0.4598

■ 38.3286, 0.3308,
0.4011

■ 35.1204, 0.3450,
0.4883

■ 39.6663, 0.3244,
0.3732

■ 34.3003, 0.3467,
0.5146

■ 41.1467, 0.3177,
0.3470

■ 33.5938, 0.3463,
0.5371

■ 42.7746, 0.3109,
0.3228

■ 32.9931, 0.3437,
0.5546


■ 44.5543, 0.3044,
0.3009

 32.4871, 0.3392,
0.5670

 46.4902, 0.2981,
0.2811

 32.3642, 0.3379,
0.5699

 48.5863, 0.2921,
0.2634

 50.8465, 0.2865,
0.2476

 52.5722, 0.2884,
0.2429

Harmonies

Analogous

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



37.1270, 0.3877, 0.4240



37.1270, 0.3367, 0.4303



37.1270, 0.2818, 0.4012

Triad

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



37.1270, 0.3367, 0.4303



37.1270, 0.2144, 0.2555



37.1270, 0.3911, 0.3064

Complementary

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



37.1270, 0.3367, 0.4303



19.6583, 0.2791, 0.2277

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.



37.1270, 0.3376, 0.2698



37.1270, 0.3367, 0.4303



37.1270, 0.2375, 0.2406

Square

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



37.1270, 0.3367, 0.4303



37.1270, 0.2143, 0.2925



37.1270, 0.2811, 0.2464



37.1270, 0.4222, 0.3496

Rectangle

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



37.1270, 0.3367, 0.4303



37.1270, 0.2505, 0.3663



37.1270, 0.2811, 0.2464



37.1270, 0.3749, 0.2931

Sweetspot

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



37.1286, 0.3367, 0.4303



73.5694, 0.3203, 0.3568



28.9830, 0.3845, 0.3757



16.2723, 0.3212, 0.3603



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.



37.1286, 0.3367, 0.4303



65.6937, 0.3409, 0.4552



34.6989, 0.3084, 0.4397



9.1316, 0.3190, 0.3519



23.5078, 0.3387, 0.5693



0.6865, 0.3625, 0.5504

Inverse Universe

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



19.6583, 0.2791, 0.2277



29.2931, 0.2692, 0.2028



22.8696, 0.3157, 0.2381



7.9436, 0.3060, 0.3061



3.6760, 0.2024, 0.0889



0.1349, 0.2371, 0.1080

Previews

White Background



This preview shows how the Yxy color 37.1270, 0.3367, 0.4303 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 37.1270, 0.3367, 0.4303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

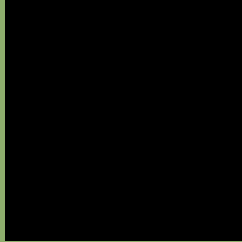
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1270, 0.3367, 0.4303

Background



This preview shows how black text looks on a background with the Yxy color 37.1270, 0.3367, 0.4303.



This preview shows how white text looks on a background with the Yxy color 37.1270, 0.3367, 0.4303.

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

37.1270, 0.3367, 0.4303

Protanopia

37.0358, 0.3801, 0.4118

Deuteranopia

36.9083, 0.3943, 0.3876



Tritanopia

37.2025, 0.2895, 0.3102

Trichromacy



Original Color

37.1270, 0.3367, 0.4303

Protanomaly

37.0452, 0.3639, 0.4197

Deuteranomaly

36.5943, 0.3723, 0.4016

Tritanomaly

37.0049, 0.3062, 0.3516

Monochromacy



Original Color

37.1270, 0.3367, 0.4303

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.7632, 0.3225, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1270, 0.3367, 0.4303 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(142, 174, 109)` looks like.

```
.text, #text, p{  
    color:rgb(142, 174, 109)  
}
```

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(142, 174, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 174, 109) }
```

Border

The CSS property to change the border of an element to Yxy 37.1270, 0.3367, 0.4303 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(142, 174, 109) }
```

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

```
.border{ border-color:rgb(142, 174, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 174, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 174, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 174, 109);  
box-shadow:4px 4px 4px 4px rgb(142, 174,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1270, 0.3367, 0.4303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 174, 109) }
```

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

```
.background{ background-color: rgb(142,  
174, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor