

Converting Colors

$Yxy(37.2838, 0.3347, 0.3628)$

Have a look what the booklet for
Yxy(37.2838, 0.3347, 0.3628)
contains.

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Color

Yxy(37.4409, 0.3348, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	A7A68E
RGB	167, 166, 142
RGB Percent	65%, 65%, 56%
CMY	0.3453, 0.3489, 0.4432
CMYK	0.00, 0.01, 0.15, 0.35
HSL	58°, 12%, 61%
HSV	58°, 15%, 65%
XYZ	34.4469, 37.4409, 31.0001
YIQ	163.5630, 8.3000, -7.2520

Conversions

Conversions Part 2

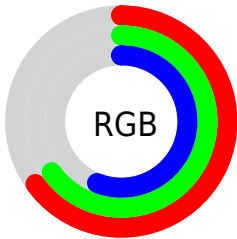
Format	Color
RYB	143, 167, 142
Decimal	10987150
CIELab	67.61, -3.89, 12.58
CIELCh	68, 13.164, 107.181
Yxy	37.4409, 0.3348, 0.3639
Android (android.graphics.Color)	4289177230 (0xFFA7A68E)
YUV	163.5630, -10.6306, 3.0142
Hunter-Lab	61.1890, -6.5926, 12.7942

Details

The Yxy color **37.4409, 0.3348, 0.3639** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.1614, 0.2892, 0.2915**, and the grayscale version is **36.9520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2280, 0.3303, 0.3567**, and **16.4522, 0.3415, 0.3741** is the 20% darker color. If you saturate the color by 10%, you get **36.7521, 0.3500, 0.3878**, and if you desaturate by 10%, it is **38.2092, 0.3199, 0.3404**.

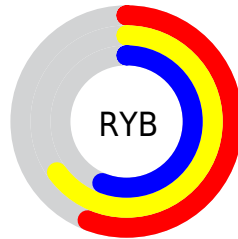
Distribution



Red (65%)

Green (65%)

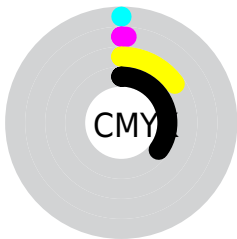
Blue (56%)



Red (56%)

Yellow (65%)

Blue (56%)

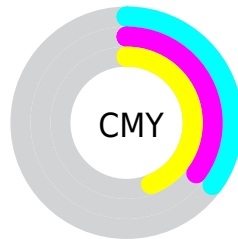


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (35%)



Cyan (35%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.4409, 0.3348, 0.3639 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 37.4409, 0.3348, 0.3639 by changing the saturation by 10% instead.


 37.4409, 0.3348,
0.3639


 37.4409, 0.3348,
0.3639


335.2155, 0.3234,
0.3457


 25.5490, 0.3377,
0.3687


 71.2504, 0.3306,
0.3571

 16.4866, 0.3415,
0.3751


 93.9368, 0.3290,
0.3546

 9.8691, 0.3467,
0.3838


 120.9902, 0.3277,
0.3525

 5.3123, 0.3540,
0.3966

152.7949, 0.3266,
0.3507

 2.4316, 0.3652,
0.4169

189.7354, 0.3257,
0.3492

 0.8421, 0.4450,
0.5312

232.1961, 0.3248,

 0.0000, 0.0000,

0.3479

0.0000

280.5613, 0.3241,
0.3467

■ 37.4409, 0.3348,
0.3639

■ 37.4409, 0.3348,
0.3639

■ 36.7521, 0.3500,
0.3878

■ 38.2092, 0.3199,
0.3404

■ 36.1345, 0.3651,
0.4113

■ 39.0552, 0.3056,
0.3177

■ 35.5862, 0.3796,
0.4336

■ 39.9835, 0.2921,
0.2962

■ 35.1034, 0.3929,
0.4537

■ 40.9969, 0.2797,
0.2763

■ 34.6817, 0.4043,
0.4708

■ 42.0979, 0.2682,
0.2578

■ 34.3163, 0.4135,
0.4841

■ 43.2893, 0.2578,
0.2410

■ 34.0017, 0.4202,
0.4933

■ 44.3222, 0.2504,
0.2292

■ 33.7311, 0.4243,
0.4983

■ 44.5570, 0.2505,
0.2300

■ 33.6027, 0.4259,
0.5000

■ 44.7929, 0.2506,
0.2307

Harmonies

Analogous

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



37.4409, 0.3482, 0.3575



37.4409, 0.3348, 0.3639



37.4409, 0.3158, 0.3604

Triad

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



37.4409, 0.3348, 0.3639



37.4409, 0.2751, 0.3121



37.4409, 0.3287, 0.3113

Complementary

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



37.4409, 0.3348, 0.3639



28.1614, 0.2892, 0.2915

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.



37.4409, 0.3087, 0.3000



37.4409, 0.3348, 0.3639



37.4409, 0.2782, 0.2999

Square

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



37.4409, 0.3348, 0.3639



37.4409, 0.2816, 0.3296



37.4409, 0.2903, 0.2958



37.4409, 0.3447, 0.3272

Rectangle

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



37.4409, 0.3348, 0.3639



37.4409, 0.3025, 0.3528



37.4409, 0.2903, 0.2958



37.4409, 0.3222, 0.3069

Sweetspot

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



37.4426, 0.3348, 0.3639



68.6020, 0.3186, 0.3383



29.5453, 0.3386, 0.3272



15.3280, 0.3197, 0.3400



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



37.4426, 0.3348, 0.3639



66.6681, 0.3399, 0.3720



36.6123, 0.3238, 0.3664



8.7251, 0.3263, 0.3505



25.7464, 0.4258, 0.5001



0.6406, 0.4235, 0.5019

Inverse Universe

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



28.1614, 0.2892, 0.2915



46.7471, 0.2833, 0.2821



28.9271, 0.3003, 0.2913



7.3437, 0.2986, 0.3066



2.2547, 0.1509, 0.0630



0.0685, 0.1546, 0.0767

Previews

White Background



This preview shows how the Yxy color 37.4409, 0.3348, 0.3639 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 37.4409, 0.3348, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

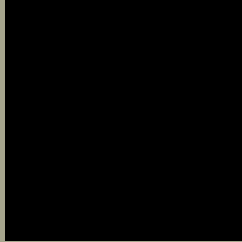
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4409, 0.3348, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 37.4409, 0.3348, 0.3639.



This preview shows how white text looks on a background with the Yxy color 37.4409, 0.3348, 0.3639.

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

37.4409, 0.3348, 0.3639

Protanopia

37.3582, 0.3421, 0.3619

Deuteranopia

37.1587, 0.3561, 0.3482



Tritanopia

37.2037, 0.3107, 0.3109

Trichromacy



Original Color

37.4409, 0.3348, 0.3639

Protanomaly

37.4913, 0.3399, 0.3635

Deuteranomaly

37.1762, 0.3481, 0.3543

Tritanomaly

37.3491, 0.3202, 0.3304

Monochromacy



Original Color

37.4409, 0.3348, 0.3639

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.3099, 0.3206, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4409, 0.3348, 0.3639 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(167, 166, 142)` looks like.

```
.text, #text, p{  
    color:rgb(167, 166, 142)  
}
```

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(167, 166, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 166, 142) }
```

Border

The CSS property to change the border of an element to Yxy 37.4409, 0.3348, 0.3639 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(167, 166, 142) }
```

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

```
.border{ border-color:rgb(167, 166, 142) }
```

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

Here you see how a box with a 4 pixel rgb(167, 166, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 166, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 166, 142);  
box-shadow:4px 4px 4px 4px rgb(167, 166,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4409, 0.3348, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 166, 142) }
```

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

```
.background{ background-color: rgb(167,  
166, 142) }
```

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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