

Converting Colors

$Yxy(37.1119, 0.3324, 0.3606)$

Have a look what the booklet for
Yxy(37.1119, 0.3324, 0.3606)
contains.

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Color

Yxy(37.0309, 0.3323, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	A6A590
RGB	166, 165, 144
RGB Percent	65%, 65%, 56%
CMY	0.3489, 0.3530, 0.4353
CMYK	0.00, 0.01, 0.13, 0.35
HSL	57°, 11%, 61%
HSV	57°, 13%, 65%
XYZ	34.2196, 37.0309, 31.7275
YIQ	162.9050, 7.3370, -6.3190

Conversions

Conversions Part 2

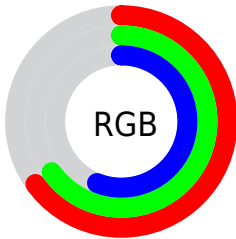
Format	Color
RYB	145, 166, 144
Decimal	10921360
CIELab	67.30, -3.35, 11.03
CIELCh	67, 11.526, 106.917
Yxy	37.0309, 0.3323, 0.3596
Android (android.graphics.Color)	4289111440 (0xFFA6A590)
YUV	162.9050, -9.3202, 2.7143
Hunter-Lab	60.8530, -6.1165, 11.6845

Details

The Yxy color **37.0309, 0.3323, 0.3596** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.9440, 0.2921, 0.2964**, and the grayscale version is **36.6235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6358, 0.3283, 0.3535**, and **16.1958, 0.3379, 0.3681** is the 20% darker color. If you saturate the color by 10%, you get **36.2807, 0.3476, 0.3833**, and if you desaturate by 10%, it is **37.8607, 0.3174, 0.3364**.

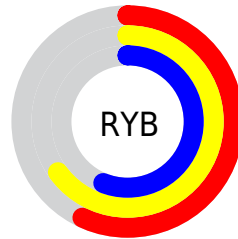
Distribution



Red (65%)

Green (65%)

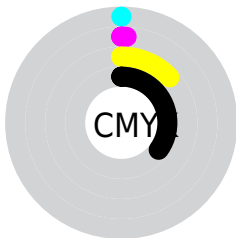
Blue (56%)



Red (57%)

Yellow (65%)

Blue (56%)

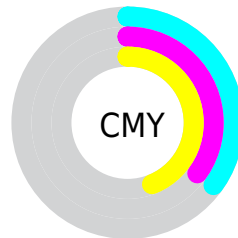


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (35%)



Cyan (35%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0309, 0.3323, 0.3596 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 37.0309, 0.3323, 0.3596 by changing the saturation by 10% instead.


 37.0309, 0.3323,
0.3596


 37.0309, 0.3323,
0.3596


333.4443, 0.3222,
0.3436

 25.2314, 0.3349,
0.3638

 70.6203, 0.3286,
0.3536

 16.2496, 0.3383,
0.3694


 93.1790, 0.3272,
0.3514

 9.7009, 0.3430,
0.3772


120.0929, 0.3260,
0.3496

 5.2011, 0.3497,
0.3885

151.7464, 0.3250,
0.3480

 2.3657, 0.3600,
0.4066

188.5239, 0.3242,
0.3467

 0.8082, 0.4280,
0.5040

230.8098, 0.3234,

 0.0000, 0.0000,

0.3455

0.0000

278.9885, 0.3228,
0.3445

■ 37.0309, 0.3323,
0.3596

■ 37.0309, 0.3323,
0.3596

■ 36.2807, 0.3476,
0.3833

■ 37.8607, 0.3174,
0.3364

■ 35.6021, 0.3628,
0.4067

■ 38.7683, 0.3033,
0.3142

■ 34.9931, 0.3776,
0.4291

■ 39.7582, 0.2900,
0.2932

■ 34.4500, 0.3913,
0.4495

■ 40.8332, 0.2777,
0.2737

■ 33.9686, 0.4034,
0.4671

■ 41.9959, 0.2665,
0.2557

■ 33.5443, 0.4132,
0.4810

■ 43.2487, 0.2562,
0.2393

■ 33.1718, 0.4206,
0.4908

■ 44.2534, 0.2498,
0.2292

■ 32.8447, 0.4254,
0.4964

■ 44.5481, 0.2500,
0.2301

■ 32.6401, 0.4277,
0.4986

■ 44.8445, 0.2501,
0.2311

Harmonies

Analogous

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



37.0309, 0.3439, 0.3541



37.0309, 0.3323, 0.3596



37.0309, 0.3156, 0.3566

Triad

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



37.0309, 0.3323, 0.3596



37.0309, 0.2796, 0.3144



37.0309, 0.3266, 0.3133

Complementary

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



37.0309, 0.3323, 0.3596



28.9440, 0.2921, 0.2964

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.



37.0309, 0.3091, 0.3033



37.0309, 0.3323, 0.3596



37.0309, 0.2823, 0.3035

Square

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



37.0309, 0.3323, 0.3596



37.0309, 0.2854, 0.3298



37.0309, 0.2929, 0.2997



37.0309, 0.3407, 0.3273

Rectangle

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



37.0309, 0.3323, 0.3596



37.0309, 0.3040, 0.3499



37.0309, 0.2929, 0.2997



37.0309, 0.3209, 0.3094

Sweetspot

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



37.0325, 0.3323, 0.3596



68.5587, 0.3186, 0.3382



30.1031, 0.3353, 0.3274



15.3166, 0.3197, 0.3399



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.



37.0325, 0.3323, 0.3596



66.7551, 0.3369, 0.3667



36.3770, 0.3225, 0.3620



8.7124, 0.3263, 0.3503



25.3197, 0.4276, 0.4987



0.6337, 0.4246, 0.5010

Inverse Universe

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



28.9440, 0.2921, 0.2964



49.1073, 0.2869, 0.2883



29.5611, 0.3019, 0.2958



7.3550, 0.2986, 0.3068



2.2860, 0.1511, 0.0638



0.0728, 0.1558, 0.0808

Previews

White Background



This preview shows how the Yxy color 37.0309, 0.3323, 0.3596 looks on a white background.

Color Contrast Check

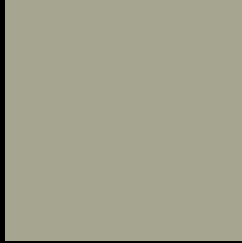
Large Text (above 18pt) WCAG AA × Fail

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 37.0309, 0.3323, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

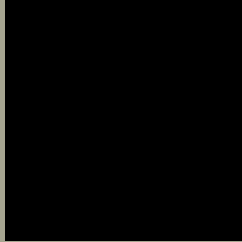
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

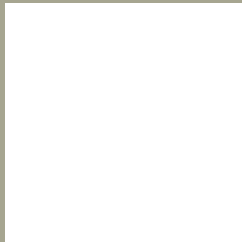
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.0309, 0.3323, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 37.0309, 0.3323, 0.3596.



This preview shows how white text looks on a background with the Yxy color 37.0309, 0.3323, 0.3596.

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

37.0309, 0.3323, 0.3596

Protanopia

36.8355, 0.3385, 0.3578

Deuteranopia

36.9372, 0.3531, 0.3470



Tritanopia

37.0529, 0.3107, 0.3123

Trichromacy



Original Color

37.0309, 0.3323, 0.3596

Protanomaly

36.9691, 0.3363, 0.3594

Deuteranomaly

37.1178, 0.3451, 0.3515

Tritanomaly

36.8843, 0.3194, 0.3290

Monochromacy



Original Color

37.0309, 0.3323, 0.3596

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.8437, 0.3197, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0309, 0.3323, 0.3596 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(166, 165, 144)` looks like.

```
.text, #text, p{  
    color:rgb(166, 165, 144)  
}
```

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(166, 165, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 165, 144) }
```

Border

The CSS property to change the border of an element to Yxy 37.0309, 0.3323, 0.3596 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(166, 165, 144) }
```

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

```
.border{ border-color:rgb(166, 165, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 165, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 165, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 165, 144);  
box-shadow:4px 4px 4px 4px rgb(166, 165,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0309, 0.3323, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 165, 144) }
```

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

```
.background{ background-color: rgb(166,  
165, 144) }
```

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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