

Converting Colors

$Yxy(37.0493, 0.3383, 0.3730)$

Have a look what the booklet for
Yxy(37.0493, 0.3383, 0.3730)
contains.

Yxy(37.0493, 0.3383, 0.3730)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.0493, 0.3383, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	A5A688
RGB	165, 166, 136
RGB Percent	65%, 65%, 53%
CMY	0.3528, 0.3490, 0.4666
CMYK	0.01, 0.00, 0.18, 0.35
HSL	62°, 14%, 59%
HSV	62°, 18%, 65%
XYZ	33.6026, 37.0493, 28.6760
YIQ	162.2810, 9.0340, -9.5420

Conversions

Conversions Part 2

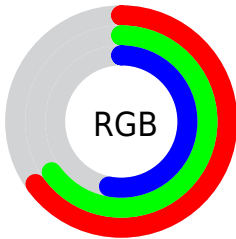
Format	Color
RYB	136, 166, 137
Decimal	10856072
CIELab	67.31, -5.56, 15.45
CIELCh	67, 16.418, 109.810
Yxy	37.0493, 0.3383, 0.3730
Android (android.graphics.Color)	4289046152 (0xFFA5A688)
YUV	162.2810, -12.9565, 2.3846
Hunter-Lab	60.8681, -7.9772, 14.6752

Details

The Yxy color **37.0493, 0.3383, 0.3730** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.6801, 0.2846, 0.2811**, and the grayscale version is **36.3317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6027, 0.3336, 0.3648**, and **16.2172, 0.3463, 0.3871** is the 20% darker color. If you saturate the color by 10%, you get **36.5579, 0.3526, 0.3978**, and if you desaturate by 10%, it is **37.6173, 0.3240, 0.3483**.

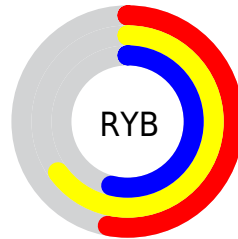
Distribution



Red (65%)

Green (65%)

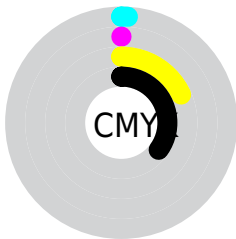
Blue (53%)



Red (53%)

Yellow (65%)

Blue (54%)

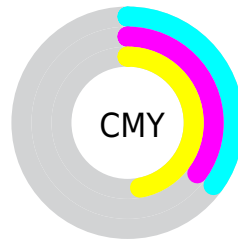


Cyan (1%)

Magenta (0%)

Yellow (18%)

Black (35%)



Cyan (35%)


Magenta (35%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0493, 0.3383, 0.3730 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 37.0493, 0.3383, 0.3730 by changing the saturation by 10% instead.


 37.0493, 0.3383,
0.3730


 37.0493, 0.3383,
0.3730


333.5239, 0.3252,
0.3499


 25.2457, 0.3417,
0.3791


 70.6486, 0.3335,
0.3643

 16.2602, 0.3460,
0.3872


 93.2131, 0.3317,
0.3612

 9.7084, 0.3518,
0.3984


 120.1332, 0.3302,
0.3585

 5.2061, 0.3600,
0.4147

151.7936, 0.3289,
0.3563

 2.3687, 0.3720,
0.4406

188.5784, 0.3278,
0.3543

 0.8097, 0.4391,
0.5609

230.8721, 0.3268,

 0.0000, 0.0000,

0.3527

0.0000

279.0592, 0.3259,
0.3512

■ 37.0493, 0.3383,
0.3730

■ 37.0493, 0.3383,
0.3730

■ 36.5579, 0.3526,
0.3978

■ 37.6173, 0.3240,
0.3483

■ 36.1349, 0.3665,
0.4221

■ 38.2602, 0.3101,
0.3245

■ 35.7782, 0.3794,
0.4448

■ 38.9824, 0.2968,
0.3018

■ 35.4839, 0.3907,
0.4650

■ 39.7870, 0.2843,
0.2806

■ 35.2477, 0.4000,
0.4820

■ 40.6764, 0.2728,
0.2611

■ 35.0647, 0.4069,
0.4950

■ 41.6532, 0.2622,
0.2432

■ 34.9291, 0.4113,
0.5037

■ 42.7199, 0.2525,
0.2269

■ 34.8310, 0.4135,
0.5088

■ 42.9574, 0.2513,
0.2244

■ 34.8132, 0.4138,
0.5096

■ 43.0166, 0.2517,
0.2245

Harmonies

Analogous

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



37.0493, 0.3560, 0.3656



37.0493, 0.3383, 0.3730



37.0493, 0.3141, 0.3677

Triad

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



37.0493, 0.3383, 0.3730



37.0493, 0.2658, 0.3060



37.0493, 0.3347, 0.3086

Complementary

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



37.0493, 0.3383, 0.3730



25.6801, 0.2846, 0.2811

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.



37.0493, 0.3097, 0.2940



37.0493, 0.3383, 0.3730



37.0493, 0.2707, 0.2918

Square

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



37.0493, 0.3383, 0.3730



37.0493, 0.2728, 0.3275



37.0493, 0.2865, 0.2878



37.0493, 0.3541, 0.3283

Rectangle

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



37.0493, 0.3383, 0.3730



37.0493, 0.2978, 0.3574



37.0493, 0.2865, 0.2878



37.0493, 0.3266, 0.3029

Sweetspot

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



37.0509, 0.3383, 0.3730



68.6092, 0.3198, 0.3411



27.6365, 0.3467, 0.3299



15.3363, 0.3207, 0.3428



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.



37.0509, 0.3383, 0.3730



66.8445, 0.3445, 0.3838



35.5799, 0.3241, 0.3750



8.7614, 0.3257, 0.3513



27.0022, 0.4139, 0.5096



0.6606, 0.4158, 0.5081

Inverse Universe

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



25.6801, 0.2846, 0.2811



42.0093, 0.2769, 0.2681



26.9915, 0.2995, 0.2832



7.3116, 0.2991, 0.3057



2.1656, 0.1513, 0.0607



0.0562, 0.1572, 0.0639

Previews

White Background



This preview shows how the Yxy color 37.0493, 0.3383, 0.3730 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 37.0493, 0.3383, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

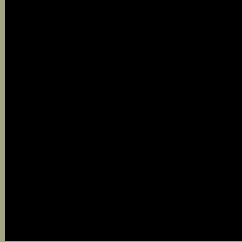
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0493, 0.3383, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 37.0493, 0.3383, 0.3730.



This preview shows how white text looks on a background with the Yxy color 37.0493, 0.3383, 0.3730.

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

37.0493, 0.3383, 0.3730

Protanopia

36.8279, 0.3480, 0.3693

Deuteranopia

37.1075, 0.3630, 0.3564



Tritanopia

37.0529, 0.3107, 0.3123

Trichromacy



Original Color

37.0493, 0.3383, 0.3730

Protanomaly

36.8462, 0.3447, 0.3711

Deuteranomaly

36.9992, 0.3538, 0.3628

Tritanomaly

37.0573, 0.3201, 0.3333

Monochromacy



Original Color

37.0493, 0.3383, 0.3730

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.2808, 0.3216, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0493, 0.3383, 0.3730 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(165, 166, 136)` looks like.

```
.text, #text, p{  
    color:rgb(165, 166, 136)  
}
```

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(165, 166, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 166, 136) }
```

Border

The CSS property to change the border of an element to Yxy 37.0493, 0.3383, 0.3730 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(165, 166, 136) }
```

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

```
.border{ border-color:rgb(165, 166, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 166, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 166, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 166, 136);  
box-shadow:4px 4px 4px 4px rgb(165, 166,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0493, 0.3383, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 166, 136) }
```

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

```
.background{ background-color: rgb(165,  
166, 136) }
```

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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