

Converting Colors

$Yxy(36.3887, 0.3700, 0.3808)$

Have a look what the booklet for
Yxy(36.3887, 0.3700, 0.3808)
contains.

Yxy(36.5168, 0.3696, 0.3809)	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(36.5168, 0.3696, 0.3809)

Conversions

Conversions Part 1

Format	Color
Hex	B6A07B
RGB	182, 160, 123
RGB Percent	71%, 63%, 48%
CMY	0.2864, 0.3725, 0.5176
CMYK	0.00, 0.12, 0.32, 0.29
HSL	38°, 29%, 60%
HSV	38°, 32%, 71%
XYZ	35.4335, 36.5168, 23.9195
YIQ	162.3600, 24.9890, -6.8430

Conversions

Conversions Part 2

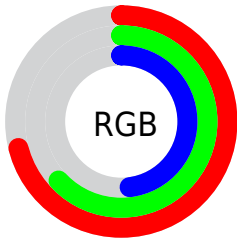
Format	Color
RYB	158, 182, 123
Decimal	11968635
CIELab	66.91, 2.47, 22.28
CIELCh	67, 22.412, 83.666
Yxy	36.5168, 0.3696, 0.3809
Android (android.graphics.Color)	4290158715 (0xFFB6A07B)
YUV	162.3600, -19.4045, 17.2243
Hunter-Lab	60.4291, -1.0850, 18.8318

Details

The Yxy color **36.5168, 0.3696, 0.3809** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.8279, 0.2601, 0.2708**, and the grayscale version is **36.3928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0862, 0.3587, 0.3711**, and **16.0209, 0.3865, 0.3968** is the 20% darker color. If you saturate the color by 10%, you get **33.8178, 0.3905, 0.3971**, and if you desaturate by 10%, it is **39.4320, 0.3501, 0.3644**.

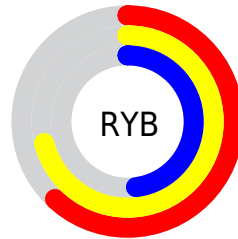
Distribution



Red (71%)

Green (63%)

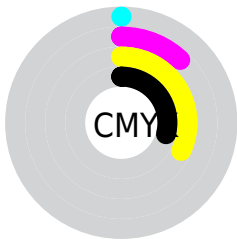
Blue (48%)



Red (62%)

Yellow (71%)

Blue (48%)

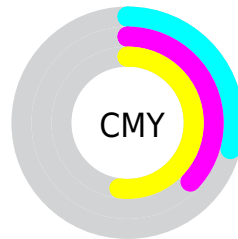


Cyan (0%)

Magenta (12%)

Yellow (32%)

Black (29%)



Cyan (29%)


Magenta (37%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5168, 0.3696, 0.3809 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 36.5168, 0.3696, 0.3809 by changing the saturation by 10% instead.


 36.5168, 0.3696,
0.3809


 36.5168, 0.3696,
0.3809


331.2138, 0.3401,
0.3543


 24.8336, 0.3772,
0.3877


 69.8290, 0.3587,
0.3711

 15.9531, 0.3871,
0.3963


 92.2268, 0.3546,
0.3675

 9.4910, 0.4004,
0.4079


 118.9649, 0.3512,
0.3644

 5.0628, 0.4190,
0.4236

150.4276, 0.3483,
0.3618

 2.2842, 0.4526,
0.4521

186.9995, 0.3459,
0.3595

 0.7653, 0.5072,
0.4928

229.0649, 0.3437,

 0.0000, 0.0000,

0.3576

0.0000

277.0082, 0.3418,
0.3558

■ 36.5168, 0.3696,
0.3809

■ 36.5168, 0.3696,
0.3809

■ 33.8178, 0.3905,
0.3971

■ 39.4320, 0.3501,
0.3644

■ 31.3232, 0.4124,
0.4122

■ 42.5647, 0.3324,
0.3482

■ 29.0275, 0.4346,
0.4252


■ 45.9226, 0.3163,
0.3326


■ 26.9229, 0.4561,
0.4348


■ 49.5112, 0.3020,
0.3180


■ 25.0004, 0.4758,
0.4402

■ 53.3362, 0.2892,
0.3043


 23.2501, 0.4927,
0.4405

 57.4025, 0.2779,
0.2917

 22.0228, 0.5039,
0.4381

 61.7154, 0.2679,
0.2801

 65.3736, 0.2662,
0.2832

 68.8809, 0.2670,
0.2911

Harmonies

Analogous

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



36.5168, 0.3805, 0.3589



36.5168, 0.3696, 0.3809



36.5168, 0.3433, 0.3900

Triad

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



36.5168, 0.3696, 0.3809



36.5168, 0.2565, 0.3222



36.5168, 0.3128, 0.2838

Complementary

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



36.5168, 0.3696, 0.3809



27.8279, 0.2601, 0.2708

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.



36.5168, 0.2804, 0.2738



36.5168, 0.3696, 0.3809



36.5168, 0.2492, 0.2938

Square

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



36.5168, 0.3696, 0.3809



36.5168, 0.2782, 0.3550



36.5168, 0.2577, 0.2768



36.5168, 0.3468, 0.3043

Rectangle

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



36.5168, 0.3696, 0.3809



36.5168, 0.3212, 0.3859



36.5168, 0.2577, 0.2768



36.5168, 0.3013, 0.2792

Sweetspot

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



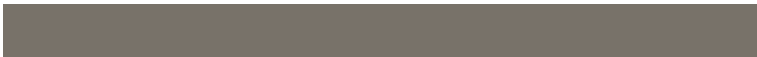
36.5185, 0.3696, 0.3809



78.5183, 0.3286, 0.3446



26.1716, 0.3578, 0.2970



17.1582, 0.3309, 0.3468



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



36.5185, 0.3696, 0.3809



62.6364, 0.3846, 0.3927



44.0022, 0.3544, 0.4103



9.9259, 0.3273, 0.3433



15.6870, 0.5026, 0.4391



0.6674, 0.4760, 0.4603

Inverse Universe

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



27.8279, 0.2601, 0.2708



44.3956, 0.2475, 0.2552



22.2790, 0.2622, 0.2364



9.2528, 0.2985, 0.3143



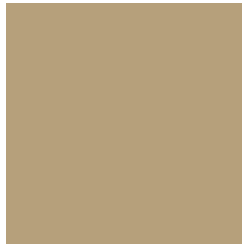
5.4044, 0.1669, 0.1207



0.3109, 0.1819, 0.1747

Previews

White Background



This preview shows how the Yxy color 36.5168, 0.3696, 0.3809 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 36.5168, 0.3696, 0.3809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

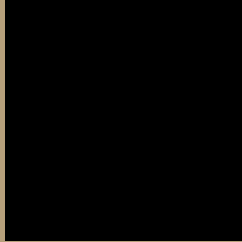
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5168, 0.3696, 0.3809

Background



This preview shows how black text looks on a background with the Yxy color 36.5168, 0.3696, 0.3809.



This preview shows how white text looks on a background with the Yxy color 36.5168, 0.3696, 0.3809.

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

36.5168, 0.3696, 0.3809

Protanopia

36.6483, 0.3592, 0.3850

Deuteranopia

36.4386, 0.3809, 0.3724



Tritanopia

36.4292, 0.3344, 0.3129

Trichromacy



Original Color

36.5168, 0.3696, 0.3809

Protanomaly

36.6430, 0.3627, 0.3831

Deuteranomaly

36.2605, 0.3762, 0.3744

Tritanomaly

36.2932, 0.3477, 0.3374

Monochromacy



Original Color

36.5168, 0.3696, 0.3809

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.0629, 0.3323, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5168, 0.3696, 0.3809 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(182, 160, 123)` looks like.

```
.text, #text, p{  
    color:rgb(182, 160, 123)  
}
```

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(182, 160, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 160, 123) }
```

Border

The CSS property to change the border of an element to Yxy 36.5168, 0.3696, 0.3809 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(182, 160, 123) }
```

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

```
.border{ border-color:rgb(182, 160, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 160, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 160, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 160, 123);  
box-shadow:4px 4px 4px 4px rgb(182, 160,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5168, 0.3696, 0.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 160, 123) }
```

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

```
.background{ background-color: rgb(182,  
160, 123) }
```

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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