

Converting Colors

$Yxy(37.3323, 0.3804, 0.3813)$

Have a look what the booklet for
Yxy(37.3323, 0.3804, 0.3813)
contains.

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Color

Yxy(37.1239, 0.3803, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	BE9F79
RGB	190, 159, 121
RGB Percent	75%, 62%, 47%
CMY	0.2549, 0.3765, 0.5254
CMYK	0.00, 0.16, 0.36, 0.25
HSL	33°, 35%, 61%
HSV	33°, 36%, 75%
XYZ	37.0849, 37.1239, 23.3060
YIQ	163.9370, 30.6740, -5.2460

Conversions

Conversions Part 2

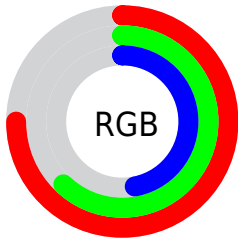
Format	Color
RYB	177, 190, 121
Decimal	12492665
CIELab	67.37, 6.01, 24.10
CIElCh	67, 24.842, 76.003
Yxy	37.1239, 0.3803, 0.3807
Android (android.graphics.Color)	4290682745 (0xFFBE9F79)
YUV	163.9370, -21.1679, 22.8573
Hunter-Lab	60.9294, 2.0183, 19.9716

Details

The Yxy color **37.1239, 0.3803, 0.3807** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.2444, 0.2543, 0.2707**, and the grayscale version is **37.1859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9233, 0.3667, 0.3713**, and **16.3439, 0.4003, 0.3959** is the 20% darker color. If you saturate the color by 10%, you get **33.8688, 0.4036, 0.3949**, and if you desaturate by 10%, it is **40.6771, 0.3589, 0.3660**.

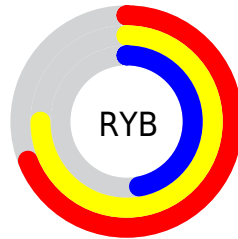
Distribution



Red (75%)

Green (62%)

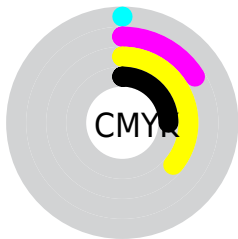
Blue (47%)



Red (69%)

Yellow (75%)

Blue (47%)

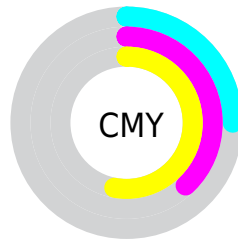


Cyan (0%)

Magenta (16%)

Yellow (36%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1239, 0.3803, 0.3807 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 37.1239, 0.3803, 0.3807 by changing the saturation by 10% instead.


 37.1239, 0.3803,
0.3807


 37.1239, 0.3803,
0.3807


333.8466, 0.3453,
0.3547


 25.3034, 0.3893,
0.3871


 70.7633, 0.3673,
0.3713

 16.3033, 0.4010,
0.3952


 93.3510, 0.3625,
0.3677

 9.7390, 0.4167,
0.4057


 120.2966, 0.3585,
0.3647

 5.2263, 0.4384,
0.4195

151.9845, 0.3551,
0.3621

 2.3806, 0.4784,
0.4452

188.7991, 0.3521,
0.3599

 0.8159, 0.5313,
0.4687

231.1247, 0.3495,

 0.0000, 0.0000,

0.3579

0.0000

279.3457, 0.3473,
0.3562

■ 37.1239, 0.3803,
0.3807

■ 37.1239, 0.3803,
0.3807

■ 33.8688, 0.4036,
0.3949

■ 40.6771, 0.3589,
0.3660

■ 30.8971, 0.4282,
0.4076

■ 44.5320, 0.3396,
0.3515

■ 28.2004, 0.4535,
0.4179

■ 48.6990, 0.3225,
0.3374

■ 25.7676, 0.4780,
0.4244

■ 53.1860, 0.3073,
0.3242

■ 23.5863, 0.5004,
0.4260

■ 58.0007, 0.2940,
0.3119

■ 21.6417, 0.5195,
0.4224

■ 63.1506, 0.2823,
0.3005

■ 20.9745, 0.5261,
0.4204

■ 68.6428, 0.2721,
0.2900

■ 73.2688, 0.2724,
0.2987

■ 78.0633, 0.2733,
0.3082

Harmonies

Analogous

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



37.1239, 0.3873, 0.3540



37.1239, 0.3803, 0.3807



37.1239, 0.3548, 0.3955

Triad

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



37.1239, 0.3803, 0.3807



37.1239, 0.2556, 0.3305



37.1239, 0.3029, 0.2755

Complementary

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



37.1239, 0.3803, 0.3807



30.2444, 0.2543, 0.2707

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.



37.1239, 0.2695, 0.2679



37.1239, 0.3803, 0.3807



37.1239, 0.2435, 0.2970

Square

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



37.1239, 0.3803, 0.3807



37.1239, 0.2827, 0.3663



37.1239, 0.2484, 0.2749



37.1239, 0.3411, 0.2953

Rectangle

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



37.1239, 0.3803, 0.3807



37.1239, 0.3314, 0.3949



37.1239, 0.2484, 0.2749



37.1239, 0.2908, 0.2715

Sweetspot

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



37.1256, 0.3803, 0.3807



84.5009, 0.3306, 0.3442



26.8953, 0.3598, 0.2868



18.3290, 0.3330, 0.3461



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



37.1256, 0.3803, 0.3807



62.2818, 0.3998, 0.3927



48.7146, 0.3635, 0.4191



10.3838, 0.3275, 0.3416



14.1059, 0.5244, 0.4219



0.6814, 0.4927, 0.4470

Inverse Universe

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



30.2444, 0.2543, 0.2707



47.9021, 0.2404, 0.2544



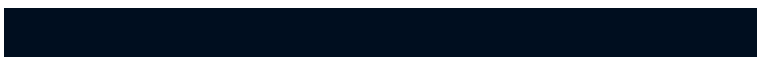
21.7172, 0.2505, 0.2220



9.9122, 0.2984, 0.3160



6.9832, 0.1732, 0.1433



0.4042, 0.1862, 0.1901

Previews

White Background



This preview shows how the Yxy color 37.1239, 0.3803, 0.3807 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 37.1239, 0.3803, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

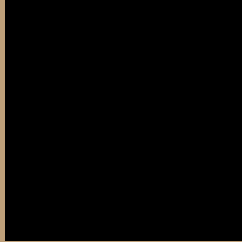
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1239, 0.3803, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 37.1239, 0.3803, 0.3807.



This preview shows how white text looks on a background with the Yxy color 37.1239, 0.3803, 0.3807.

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

37.1239, 0.3803, 0.3807

Protanopia

37.2111, 0.3618, 0.3874

Deuteranopia

36.9638, 0.3854, 0.3774



Tritanopia

37.1012, 0.3436, 0.3133

Trichromacy



Original Color

37.1239, 0.3803, 0.3807

Protanomaly

37.0696, 0.3687, 0.3851

Deuteranomaly

37.1717, 0.3839, 0.3788

Tritanomaly

36.9501, 0.3571, 0.3372

Monochromacy



Original Color

37.1239, 0.3803, 0.3807

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.8630, 0.3361, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1239, 0.3803, 0.3807 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(190, 159, 121)` looks like.

```
.text, #text, p{  
    color:rgb(190, 159, 121)  
}
```

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(190, 159, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 159, 121) }
```

Border

The CSS property to change the border of an element to Yxy 37.1239, 0.3803, 0.3807 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(190, 159, 121) }
```

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

```
.border{ border-color:rgb(190, 159, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 159, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 159, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 159, 121); box-shadow:4px 4px 4px 4px rgb(190, 159, 121) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1239, 0.3803, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 159, 121) }
```

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

```
.background{ background-color: rgb(190,  
159, 121) }
```

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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