

Converting Colors

$Yxy(37.0194, 0.3708, 0.3756)$

Have a look what the booklet for
Yxy(37.0194, 0.3708, 0.3756)
contains.

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Color

Yxy(37.0871, 0.3709, 0.3760)

Conversions

Conversions Part 1

Format	Color
Hex	BAA07E
RGB	186, 160, 126
RGB Percent	73%, 63%, 49%
CMY	0.2706, 0.3725, 0.5059
CMYK	0.00, 0.14, 0.32, 0.27
HSL	34°, 30%, 61%
HSV	34°, 32%, 73%
XYZ	36.5841, 37.0871, 24.9647
YIQ	163.8980, 26.4100, -5.0620

Conversions

Conversions Part 2

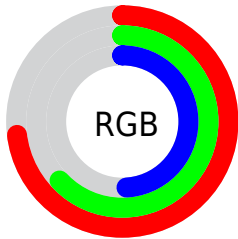
Format	Color
RYB	172, 186, 126
Decimal	12230782
CIELab	67.34, 4.48, 21.28
CIELCh	67, 21.748, 78.125
Yxy	37.0871, 0.3709, 0.3760
Android (android.graphics.Color)	4290420862 (0xFFBAA07E)
YUV	163.8980, -18.6837, 19.3835
Hunter-Lab	60.8992, 0.6570, 18.3243

Details

The Yxy color **37.0871, 0.3709, 0.3760** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.4264, 0.2610, 0.2768**, and the grayscale version is **37.1545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9102, 0.3596, 0.3674**, and **16.3786, 0.3884, 0.3897** is the 20% darker color. If you saturate the color by 10%, you get **33.9498, 0.3931, 0.3908**, and if you desaturate by 10%, it is **40.4980, 0.3506, 0.3609**.

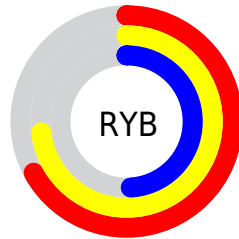
Distribution



Red (73%)

Green (63%)

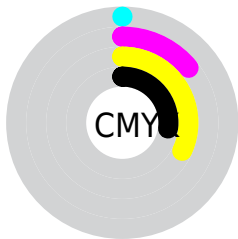
Blue (49%)



Red (67%)

Yellow (73%)

Blue (49%)

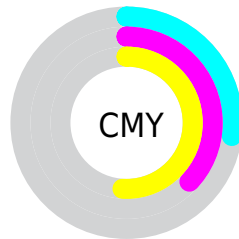


Cyan (0%)

Magenta (14%)

Yellow (32%)

Black (27%)



Cyan (27%)


Magenta (37%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0871, 0.3709, 0.3760 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 37.0871, 0.3709, 0.3760 by changing the saturation by 10% instead.


 37.0871, 0.3709,
0.3760


 37.0871, 0.3709,
0.3760


333.6875, 0.3407,
0.3521


 25.2749, 0.3787,
0.3820


 70.7067, 0.3597,
0.3673

 16.2820, 0.3889,
0.3897

 93.2830, 0.3556,
0.3640

 9.7239, 0.4026,
0.3998


 120.2160, 0.3521,
0.3612

 5.2163, 0.4219,
0.4134

151.8903, 0.3491,
0.3589

 2.3747, 0.4539,
0.4356

188.6902, 0.3466,
0.3568

 0.8128, 0.5205,
0.4795

231.0001, 0.3444,

 0.0000, 0.0000,

0.3551

0.0000

279.2044, 0.3424,
0.3535

■ 37.0871, 0.3709,
0.3760

■ 37.0871, 0.3709,
0.3760

■ 33.9498, 0.3931,
0.3908

■ 40.4980, 0.3506,
0.3609

■ 31.0725, 0.4167,
0.4046

■ 44.1853, 0.3324,
0.3462

■ 28.4482, 0.4412,
0.4164


■ 48.1582, 0.3161,
0.3321

■ 26.0671, 0.4654,
0.4249


■ 52.4236, 0.3018,
0.3188


■ 23.9185, 0.4880,
0.4291


■ 56.9887, 0.2891,
0.3065


 21.9902, 0.5078,
0.4280

 61.8597, 0.2780,
0.2952

 20.6340, 0.5212,
0.4243

 66.9669, 0.2689,
0.2860

 71.2050, 0.2698,
0.2952

 75.6483, 0.2707,
0.3043

Harmonies

Analogous

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



37.0871, 0.3781, 0.3532



37.0871, 0.3709, 0.3760



37.0871, 0.3478, 0.3874

Triad

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



37.0871, 0.3709, 0.3760



37.0871, 0.2612, 0.3283



37.0871, 0.3066, 0.2826

Complementary

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



37.0871, 0.3709, 0.3760



30.4264, 0.2610, 0.2768

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.



37.0871, 0.2766, 0.2751



37.0871, 0.3709, 0.3760



37.0871, 0.2515, 0.2994

Square

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



37.0871, 0.3709, 0.3760



37.0871, 0.2845, 0.3595



37.0871, 0.2569, 0.2806



37.0871, 0.3399, 0.3009

Rectangle

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



37.0871, 0.3709, 0.3760



37.0871, 0.3271, 0.3858



37.0871, 0.2569, 0.2806



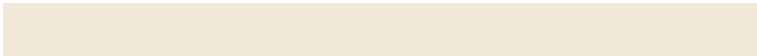
37.0871, 0.2958, 0.2788

Sweetspot

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



37.0888, 0.3709, 0.3760



81.5632, 0.3288, 0.3432



27.6235, 0.3540, 0.2930



17.7434, 0.3312, 0.3452



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



37.0888, 0.3709, 0.3760



62.9845, 0.3871, 0.3870



46.5639, 0.3570, 0.4093



9.8344, 0.3274, 0.3420



14.0346, 0.5195, 0.4257



0.6153, 0.4872, 0.4514

Inverse Universe

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



30.4264, 0.2610, 0.2768



48.9592, 0.2486, 0.2625



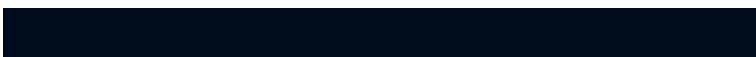
23.2086, 0.2596, 0.2361



9.3420, 0.2985, 0.3157



6.4417, 0.1718, 0.1385



0.3506, 0.1861, 0.1900

Previews

White Background



This preview shows how the Yxy color 37.0871, 0.3709, 0.3760 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 37.0871, 0.3709, 0.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

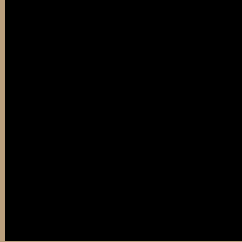
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0871, 0.3709, 0.3760

Background



This preview shows how black text looks on a background with the Yxy color 37.0871, 0.3709, 0.3760.



This preview shows how white text looks on a background with the Yxy color 37.0871, 0.3709, 0.3760.

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

37.0871, 0.3709, 0.3760

Protanopia

37.2234, 0.3562, 0.3804

Deuteranopia

36.8527, 0.3774, 0.3697



Tritanopia

36.9776, 0.3375, 0.3118

Trichromacy



Original Color

37.0871, 0.3709, 0.3760

Protanomaly

37.3104, 0.3616, 0.3798

Deuteranomaly

36.9332, 0.3749, 0.3713

Tritanomaly

36.8627, 0.3498, 0.3345

Monochromacy



Original Color

37.0871, 0.3709, 0.3760

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.1671, 0.3331, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0871, 0.3709, 0.3760 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(186, 160, 126)` looks like.

```
.text, #text, p{  
    color:rgb(186, 160, 126)  
}
```

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(186, 160, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 160, 126) }
```

Border

The CSS property to change the border of an element to Yxy 37.0871, 0.3709, 0.3760 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(186, 160, 126) }
```

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

```
.border{ border-color:rgb(186, 160, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 160, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 160, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 160, 126);  
box-shadow:4px 4px 4px 4px rgb(186, 160,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0871, 0.3709, 0.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 160, 126) }
```

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

```
.background{ background-color: rgb(186,  
160, 126) }
```

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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