

Converting Colors

$Yxy(37.3148, 0.3763, 0.4375)$

Have a look what the booklet for
Yxy(37.3148, 0.3763, 0.4375)
contains.

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Color

Yxy(37.3817, 0.3760, 0.4379)

Conversions

Conversions Part 1

Format	Color
Hex	A7A95D
RGB	167, 169, 93
RGB Percent	65%, 66%, 36%
CMY	0.3452, 0.3372, 0.6352
CMYK	0.01, 0.00, 0.45, 0.34
HSL	62°, 31%, 51%
HSV	62°, 45%, 66%
XYZ	32.0976, 37.3817, 15.8866
YIQ	159.7380, 23.2040, -24.0600

Conversions

Conversions Part 2

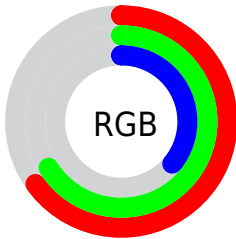
Format	Color
RYB	93, 169, 95
Decimal	10987869
CIELab	67.56, -11.99, 38.78
CIElCh	68, 40.596, 107.185
Yxy	37.3817, 0.3760, 0.4379
Android (android.graphics.Color)	4289177949 (0xFFA7A95D)
YUV	159.7380, -32.9018, 6.3688
Hunter-Lab	61.1406, -13.2871, 27.3927

Details

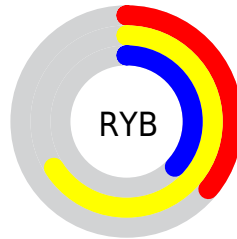
The Yxy color **37.3817, 0.3760, 0.4379** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.1357, 0.2318, 0.1926**, and the grayscale version is **35.1738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0436, 0.3649, 0.4168**, and **16.4151, 0.3907, 0.4707** is the 20% darker color. If you saturate the color by 10%, you get **37.0670, 0.3880, 0.4589**, and if you desaturate by 10%, it is **37.7662, 0.3626, 0.4147**.

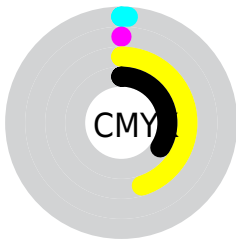
Distribution



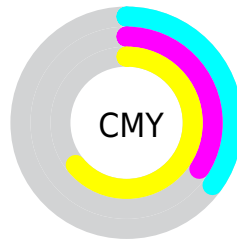
- Red (65%)
- Green (66%)
- Blue (36%)



- Red (36%)
- Yellow (66%)
- Blue (37%)



- Cyan (1%)
- Magenta (0%)
- Yellow (45%)
- Black (34%)





- Cyan (35%)
- Magenta (34%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3817, 0.3760, 0.4379 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 37.3817, 0.3760, 0.4379 by changing the saturation by 10% instead.


 37.3817, 0.3760,
0.4379


 37.3817, 0.3760,
0.4379


334.9601, 0.3451,
0.3812

 25.5032, 0.3829,
0.4523


 71.1595, 0.3652,
0.4170

 16.4523, 0.3911,
0.4707


 93.8275, 0.3610,
0.4092

 9.8448, 0.4005,
0.4945


 120.8607, 0.3574,
0.4026

 5.2962, 0.4114,
0.5277

 152.6437, 0.3543,
0.3971

 2.4221, 0.4230,
0.5770

189.5607, 0.3516,
0.3923

 0.8372, 0.3753,
0.6247

231.9962, 0.3492,

 0.0000, 0.0000,

0.3881

0.0000

280.3345, 0.3470,
0.3844

■ 37.3817, 0.3760,
0.4379

■ 37.3817, 0.3760,
0.4379

■ 37.0670, 0.3880,
0.4589

■ 37.7662, 0.3626,
0.4147

■ 36.8125, 0.3980,
0.4769

■ 38.2193, 0.3485,
0.3902

■ 36.6151, 0.4058,
0.4910


■ 38.7465, 0.3340,
0.3653

■ 36.4690, 0.4110,
0.5010

■ 39.3513, 0.3197,
0.3408


■ 36.3671, 0.4138,
0.5068


■ 40.0367, 0.3058,
0.3172

 36.3241, 0.4147,
0.5089

 40.8058, 0.2927,
0.2950

 41.6616, 0.2804,
0.2743

 42.6068, 0.2691,
0.2552

 43.6439, 0.2588,
0.2378

Harmonies

Analogous

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



37.3817, 0.4197, 0.4100



37.3817, 0.3760, 0.4379



37.3817, 0.3177, 0.4331

Triad

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



37.3817, 0.3760, 0.4379



37.3817, 0.2044, 0.2731



37.3817, 0.3604, 0.2774

Complementary

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



37.3817, 0.3760, 0.4379



13.1357, 0.2318, 0.1926

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.



37.3817, 0.2980, 0.2470



37.3817, 0.3760, 0.4379



37.3817, 0.2130, 0.2418

Square

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



37.3817, 0.3760, 0.4379



37.3817, 0.2207, 0.3269



37.3817, 0.2453, 0.2339



37.3817, 0.4126, 0.3194

Rectangle

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



37.3817, 0.3760, 0.4379



37.3817, 0.2788, 0.4076



37.3817, 0.2453, 0.2339



37.3817, 0.3396, 0.2656

Sweetspot

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



37.3834, 0.3760, 0.4379



69.5605, 0.3315, 0.3611



17.2856, 0.4287, 0.3313



15.1137, 0.3346, 0.3663



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.



37.3834, 0.3760, 0.4379



66.3759, 0.3880, 0.4590



33.8969, 0.3387, 0.4531



8.7634, 0.3258, 0.3513



27.0726, 0.4148, 0.5089



0.6617, 0.4164, 0.5076

Inverse Universe

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



13.1357, 0.2318, 0.1926



17.3598, 0.2109, 0.1580



15.6280, 0.2725, 0.2063



7.3098, 0.2990, 0.3057



2.1605, 0.1511, 0.0606



0.0555, 0.1560, 0.0633

Previews

White Background



This preview shows how the Yxy color 37.3817, 0.3760, 0.4379 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 37.3817, 0.3760, 0.4379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

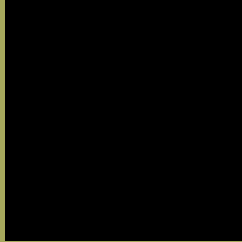
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3817, 0.3760, 0.4379

Background



This preview shows how black text looks on a background with the Yxy color 37.3817, 0.3760, 0.4379.



This preview shows how white text looks on a background with the Yxy color 37.3817, 0.3760, 0.4379.

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

37.3817, 0.3760, 0.4379

Protanopia

37.4894, 0.3944, 0.4299

Deuteranopia

37.2378, 0.4153, 0.4071



Tritanopia

37.3503, 0.3173, 0.3125

Trichromacy



Original Color

37.3817, 0.3760, 0.4379

Protanomaly

37.2752, 0.3878, 0.4319

Deuteranomaly

37.0073, 0.4010, 0.4174

Tritanomaly

37.0618, 0.3405, 0.3576

Monochromacy



Original Color

37.3817, 0.3760, 0.4379

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.7585, 0.3370, 0.3691

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3817, 0.3760, 0.4379 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(167, 169, 93)` looks like.

```
.text, #text, p{  
    color:rgb(167, 169, 93)  
}
```

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(167, 169, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 169, 93) }
```

Border

The CSS property to change the border of an element to Yxy 37.3817, 0.3760, 0.4379 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(167, 169, 93) }
```

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

```
.border{ border-color:rgb(167, 169, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 169, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 169, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 169, 93);  
box-shadow:4px 4px 4px 4px rgb(167, 169,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3817, 0.3760, 0.4379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 169, 93) }
```

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

```
.background{ background-color: rgb(167,  
169, 93) }
```

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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