

Converting Colors

$Yxy(37.6451, 0.3499, 0.4241)$

Have a look what the booklet for
Yxy(37.6451, 0.3499, 0.4241)
contains.

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Color

Yxy(37.5777, 0.3499, 0.4237)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9BAC6D |
| RGB | 155, 172, 109 |
| RGB Percent | 61%, 67%, 43% |
| CMY | 0.3921, 0.3255, 0.5726 |
| CMYK | 0.10, 0.00, 0.37, 0.33 |
| HSL | 76°, 28%, 55% |
| HSV | 76°, 37%, 67% |
| XYZ | 31.0324, 37.5777, 20.0793 |
| YIQ | 159.7350, 10.0910, -23.1970 |

Conversions

Conversions Part 2

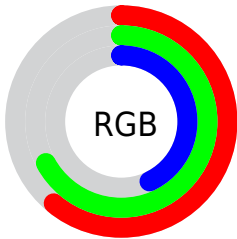
| Format | Color |
|-------------------------------------|---|
| RYB | 109, 172, 126 |
| Decimal | 10202221 |
| CIELab | 67.71, -16.52, 30.49 |
| CIELCh | 68, 34.672, 118.450 |
| Yxy | 37.5777, 0.3499, 0.4237 |
| Android (android.graphics.Color) | 4288392301 (0xFF9BAC6D) |
| YUV | 159.7350, -25.0124, -4.1526 |
| Hunter-Lab | 61.3007, -16.9135, 23.4898 |

Details

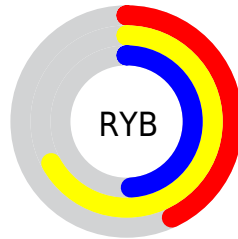
The Yxy color **37.5777, 0.3499, 0.4237** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.3439, 0.2646, 0.2257**, and the grayscale version is **35.1407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2130, 0.3437, 0.4047**, and **16.6428, 0.3590, 0.4552** is the 20% darker color. If you saturate the color by 10%, you get **36.7947, 0.3587, 0.4501**, and if you desaturate by 10%, it is **38.4541, 0.3401, 0.3969**.

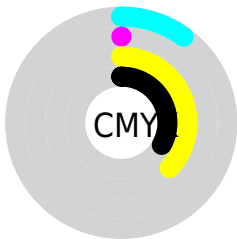
Distribution



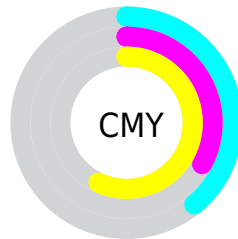
- Red (61%)
- Green (67%)
- Blue (43%)



- Red (43%)
- Yellow (67%)
- Blue (49%)



- Cyan (10%)
- Magenta (0%)
- Yellow (37%)
- Black (33%)



- Cyan (39%)
- Magenta (33%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5777, 0.3499, 0.4237 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 37.5777, 0.3499, 0.4237 by changing the saturation by 10% instead.


 37.5777, 0.3499,
0.4237


 37.5777, 0.3499,
0.4237


335.8049, 0.3319,
0.3734

 25.6551, 0.3539,
0.4371


 71.4604, 0.3436,
0.4048

 16.5658, 0.3587,
0.4546


 94.1893, 0.3412,
0.3979

 9.9254, 0.3642,
0.4785


 121.2891, 0.3391,
0.3921

 5.3495, 0.3698,
0.5124

 153.1441, 0.3373,
0.3872

 2.4538, 0.3979,
0.6013

190.1388, 0.3357,
0.3830

 0.8533, 0.3234,
0.6766

232.6576, 0.3343,

 0.0000, 0.0000,

0.3794

0.0000

281.0848, 0.3331,
0.3762

■ 37.5777, 0.3499,
0.4237

■ 37.5777, 0.3499,
0.4237

■ 36.7947, 0.3587,
0.4501

■ 38.4541, 0.3401,
0.3969

■ 36.0957, 0.3660,
0.4750

■ 39.4230, 0.3299,
0.3704

■ 35.4774, 0.3715,
0.4972

■ 40.4899, 0.3195,
0.3450


■ 34.9344, 0.3746,
0.5158


■ 41.6584, 0.3093,
0.3212

■ 34.4604, 0.3752,
0.5299


■ 42.9318, 0.2995,
0.2990


 34.0464, 0.3735,
0.5395

 44.3134, 0.2902,
0.2787

 33.9149, 0.3727,
0.5423

 45.8061, 0.2816,
0.2603

 47.4131, 0.2735,
0.2436

 48.5585, 0.2715,
0.2365

Harmonies

Analogous

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



37.5777, 0.3933, 0.4106



37.5777, 0.3499, 0.4237



37.5777, 0.2986, 0.4060

Triad

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



37.5777, 0.3499, 0.4237



37.5777, 0.2190, 0.2690



37.5777, 0.3723, 0.2975

Complementary

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



37.5777, 0.3499, 0.4237



18.3439, 0.2646, 0.2257

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.



37.5777, 0.3204, 0.2662



37.5777, 0.3499, 0.4237



37.5777, 0.2346, 0.2488

Square

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



37.5777, 0.3499, 0.4237



37.5777, 0.2254, 0.3090



37.5777, 0.2703, 0.2486



37.5777, 0.4084, 0.3369

Rectangle

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



37.5777, 0.3499, 0.4237



37.5777, 0.2670, 0.3780



37.5777, 0.2703, 0.2486



37.5777, 0.3559, 0.2858

Sweetspot

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



37.5794, 0.3499, 0.4237



72.5503, 0.3242, 0.3564



24.7411, 0.3900, 0.3547



15.7122, 0.3256, 0.3597



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



37.5794, 0.3499, 0.4237



67.0027, 0.3572, 0.4453



34.8703, 0.3203, 0.4333



9.2201, 0.3223, 0.3517



25.2662, 0.3732, 0.5419



0.7278, 0.3879, 0.5302

Inverse Universe

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



18.3439, 0.2646, 0.2257



26.9405, 0.2511, 0.1994



21.1092, 0.2997, 0.2354



7.8577, 0.3026, 0.3059



2.6784, 0.1679, 0.0699



0.1016, 0.2016, 0.0884

Previews

White Background



This preview shows how the Yxy color 37.5777, 0.3499, 0.4237 looks on a white background.

Color Contrast Check

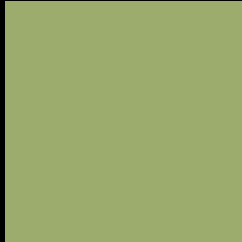
Large Text (above 18pt) WCAG AA × Fail

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 37.5777, 0.3499, 0.4237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

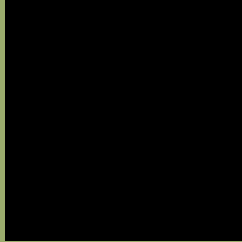
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

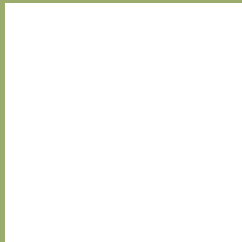
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.5777, 0.3499, 0.4237

Background



This preview shows how black text looks on a background with the Yxy color 37.5777, 0.3499, 0.4237.



This preview shows how white text looks on a background with the Yxy color 37.5777, 0.3499, 0.4237.

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

37.5777, 0.3499, 0.4237

Protanopia

37.5346, 0.3798, 0.4114

Deuteranopia

37.4939, 0.3968, 0.3896



Tritanopia

37.6178, 0.3017, 0.3107

Trichromacy



Original Color

37.5777, 0.3499, 0.4237

Protanomaly

37.6128, 0.3682, 0.4167

Deuteranomaly

37.2872, 0.3794, 0.4013

Tritanomaly

37.4815, 0.3201, 0.3509

Monochromacy



Original Color

37.5777, 0.3499, 0.4237

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.7431, 0.3273, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5777, 0.3499, 0.4237 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(155, 172, 109)` looks like.

```
.text, #text, p{  
    color:rgb(155, 172, 109)  
}
```

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(155, 172, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 172, 109) }
```

Border

The CSS property to change the border of an element to Yxy 37.5777, 0.3499, 0.4237 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(155, 172, 109) }
```

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

```
.border{ border-color:rgb(155, 172, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 172, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 172, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 172, 109);  
box-shadow:4px 4px 4px 4px rgb(155, 172,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5777, 0.3499, 0.4237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 172, 109) }
```

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

```
.background{ background-color: rgb(155,  
172, 109) }
```

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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