

Converting Colors

$Yxy(37.3950, 0.3506, 0.4186)$

Have a look what the booklet for
Yxy(37.3950, 0.3506, 0.4186)
contains.

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Color

Yxy(37.4416, 0.3506, 0.4188)

Conversions

Conversions Part 1

Format	Color
Hex	9DAB6F
RGB	157, 171, 111
RGB Percent	62%, 67%, 44%
CMY	0.3841, 0.3294, 0.5647
CMYK	0.08, 0.00, 0.35, 0.33
HSL	74°, 26%, 55%
HSV	74°, 35%, 67%
XYZ	31.3444, 37.4416, 20.6161
YIQ	159.9740, 10.9160, -21.6280

Conversions

Conversions Part 2

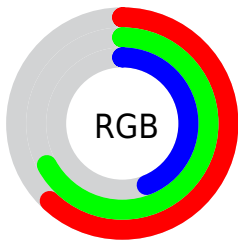
Format	Color
RYB	111, 171, 125
Decimal	10333039
CIELab	67.61, -14.93, 29.30
CIElCh	68, 32.890, 117.000
Yxy	37.4416, 0.3506, 0.4188
Android (android.graphics.Color)	4288523119 (0xFF9DAB6F)
YUV	159.9740, -24.1442, -2.6082
Hunter-Lab	61.1895, -15.6450, 22.8566

Details

The Yxy color **37.4416, 0.3506, 0.4188** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.6671, 0.2648, 0.2300**, and the grayscale version is **35.2554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0341, 0.3441, 0.4010**, and **16.5447, 0.3603, 0.4485** is the 20% darker color. If you saturate the color by 10%, you get **36.7085, 0.3602, 0.4448**, and if you desaturate by 10%, it is **38.2632, 0.3401, 0.3923**.

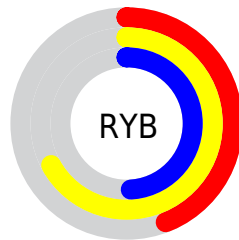
Distribution



Red (62%)

Green (67%)

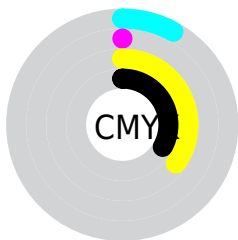
Blue (44%)



Red (44%)

Yellow (67%)

Blue (49%)

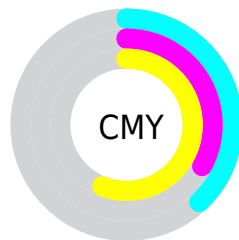


Cyan (8%)

Magenta (0%)

Yellow (35%)

Black (33%)



Cyan (38%)


Magenta (33%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4416, 0.3506, 0.4188 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 37.4416, 0.3506, 0.4188 by changing the saturation by 10% instead.


 37.4416, 0.3506,
0.4188


 37.4416, 0.3506,
0.4188


335.2185, 0.3321,
0.3712


 25.5496, 0.3549,
0.4314


 71.2514, 0.3441,
0.4009


 16.4870, 0.3600,
0.4480


 93.9381, 0.3416,
0.3944

 9.8694, 0.3661,
0.4707


 120.9917, 0.3394,
0.3889

 5.3125, 0.3728,
0.5028

 152.7967, 0.3376,
0.3843

 2.4317, 0.3996,
0.5827

189.7375, 0.3359,
0.3803

 0.8421, 0.3411,
0.6589

232.1984, 0.3345,

 0.0000, 0.0000,

0.3769

0.0000

280.5640, 0.3332,
0.3738

■ 37.4416, 0.3506,
0.4188

■ 37.4416, 0.3506,
0.4188

■ 36.7085, 0.3602,
0.4448

■ 38.2632, 0.3401,
0.3923

■ 36.0546, 0.3685,
0.4694

■ 39.1721, 0.3292,
0.3663

■ 35.4768, 0.3749,
0.4914


■ 40.1737, 0.3182,
0.3412


■ 34.9701, 0.3790,
0.5098


■ 41.2714, 0.3075,
0.3176

■ 34.5282, 0.3807,
0.5239

■ 42.4685, 0.2972,
0.2957


 34.1440, 0.3798,
0.5334

 43.7680, 0.2876,
0.2755

 33.9675, 0.3790,
0.5373

 45.1729, 0.2786,
0.2572

 46.6859, 0.2702,
0.2406

 47.6555, 0.2686,
0.2346

Harmonies

Analogous

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



37.4416, 0.3911, 0.4056



37.4416, 0.3506, 0.4188



37.4416, 0.3018, 0.4033

Triad

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



37.4416, 0.3506, 0.4188



37.4416, 0.2231, 0.2735



37.4416, 0.3672, 0.2973

Complementary

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



37.4416, 0.3506, 0.4188



18.6671, 0.2648, 0.2300

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.



37.4416, 0.3177, 0.2679



37.4416, 0.3506, 0.4188



37.4416, 0.2370, 0.2530

Square

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



37.4416, 0.3506, 0.4188



37.4416, 0.2303, 0.3125



37.4416, 0.2704, 0.2519



37.4416, 0.4024, 0.3349

Rectangle

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



37.4416, 0.3506, 0.4188



37.4416, 0.2714, 0.3776



37.4416, 0.2704, 0.2519



37.4416, 0.3514, 0.2863

Sweetspot

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



37.4433, 0.3506, 0.4188



70.8407, 0.3249, 0.3564



24.2214, 0.3872, 0.3490



15.7463, 0.3263, 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.



37.4433, 0.3506, 0.4188



66.0454, 0.3581, 0.4388



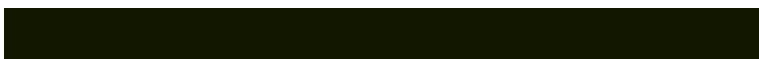
34.8596, 0.3228, 0.4273



9.2350, 0.3228, 0.3516



25.6343, 0.3794, 0.5370



0.7357, 0.3922, 0.5268

Inverse Universe

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



18.6671, 0.2648, 0.2300



27.3956, 0.2517, 0.2052



21.1805, 0.2970, 0.2386



7.8437, 0.3020, 0.3058



2.5733, 0.1640, 0.0677



0.0961, 0.1952, 0.0849

Previews

White Background



This preview shows how the Yxy color 37.4416, 0.3506, 0.4188 looks on a white background.

Color Contrast Check

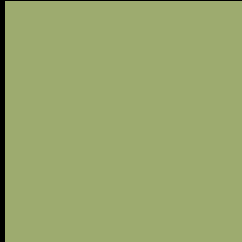
Large Text (above 18pt) WCAG AA × Fail

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 37.4416, 0.3506, 0.4188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

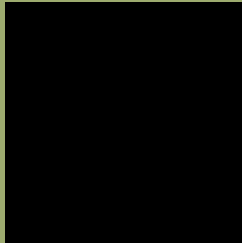
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4416, 0.3506, 0.4188

Background



This preview shows how black text looks on a background with the Yxy color 37.4416, 0.3506, 0.4188.



This preview shows how white text looks on a background with the Yxy color 37.4416, 0.3506, 0.4188.

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

37.4416, 0.3506, 0.4188

Protanopia

37.2173, 0.3785, 0.4075

Deuteranopia

37.0646, 0.3944, 0.3861



Tritanopia

37.3283, 0.3034, 0.3107

Trichromacy



Original Color

37.4416, 0.3506, 0.4188

Protanomaly

37.3995, 0.3680, 0.4123

Deuteranomaly

36.9780, 0.3781, 0.3973

Tritanomaly

37.2208, 0.3211, 0.3495

Monochromacy



Original Color

37.4416, 0.3506, 0.4188

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.8748, 0.3274, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4416, 0.3506, 0.4188 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(157, 171, 111)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 111)  
}
```

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(157, 171, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 111) }
```

Border

The CSS property to change the border of an element to Yxy 37.4416, 0.3506, 0.4188 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(157, 171, 111) }
```

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

```
.border{ border-color:rgb(157, 171, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 171, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 171, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 171, 111);  
box-shadow:4px 4px 4px 4px rgb(157, 171,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4416, 0.3506, 0.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 171, 111) }
```

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

```
.background{ background-color: rgb(157,  
171, 111) }
```

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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