

Converting Colors

$Yxy(37.4047, 0.3479, 0.4081)$

Have a look what the booklet for
Yxy(37.4047, 0.3479, 0.4081)
contains.

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Color

Yxy(37.4047, 0.3479, 0.4081)

Conversions

Conversions Part 1

Format	Color
Hex	9FAA75
RGB	159, 170, 117
RGB Percent	62%, 67%, 46%
CMY	0.3764, 0.3333, 0.5412
CMYK	0.06, 0.00, 0.31, 0.33
HSL	72°, 24%, 56%
HSV	72°, 31%, 67%
XYZ	31.8870, 37.4047, 22.3640
YIQ	160.6690, 10.4570, -18.8150

Conversions

Conversions Part 2

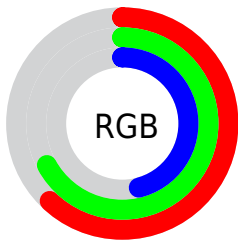
Format	Color
RYB	117, 170, 128
Decimal	10463861
CIELab	67.58, -12.83, 26.10
CIELCh	68, 29.083, 116.180
Yxy	37.4047, 0.3479, 0.4081
Android (android.graphics.Color)	4288653941 (0xFF9FAA75)
YUV	160.6690, -21.5288, -1.4637
Hunter-Lab	61.1594, -13.9633, 21.1311

Details

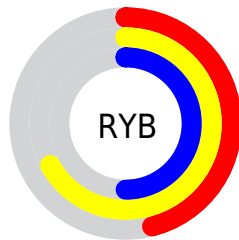
The Yxy color **37.4047, 0.3479, 0.4081** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.2073, 0.2697, 0.2421**, and the grayscale version is **35.5792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0488, 0.3412, 0.3916**, and **16.5000, 0.3573, 0.4339** is the 20% darker color. If you saturate the color by 10%, you get **36.6875, 0.3584, 0.4341**, and if you desaturate by 10%, it is **38.2080, 0.3367, 0.3819**.

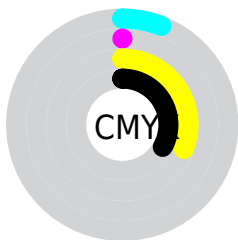
Distribution



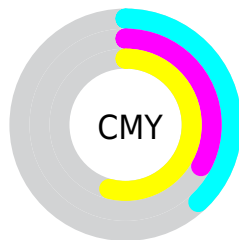
- Red (62%)
- Green (67%)
- Blue (46%)



- Red (46%)
- Yellow (67%)
- Blue (50%)



- Cyan (6%)
- Magenta (0%)
- Yellow (31%)
- Black (33%)



- Cyan (38%)
- Magenta (33%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4047, 0.3479, 0.4081 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 37.4047, 0.3479, 0.4081 by changing the saturation by 10% instead.

 37.4047, 0.3479,
0.4081


 37.4047, 0.3479,
0.4081


335.0593, 0.3305,
0.3662


 25.5210, 0.3520,
0.4192


 71.1948, 0.3417,
0.3924

 16.4656, 0.3571,
0.4339


 93.8699, 0.3393,
0.3866

 9.8542, 0.3635,
0.4540


 120.9110, 0.3373,
0.3818

 5.3024, 0.3711,
0.4828

152.7024, 0.3356,
0.3777

 2.4258, 0.3908,
0.5432

189.6286, 0.3340,
0.3742

 0.8391, 0.3660,
0.6340

232.0739, 0.3327,

 0.0000, 0.0000,

0.3712

0.0000

280.4227, 0.3315,
0.3686

■ 37.4047, 0.3479,
0.4081

■ 37.4047, 0.3479,
0.4081

■ 36.6875, 0.3584,
0.4341

■ 38.2080, 0.3367,
0.3819

■ 36.0476, 0.3677,
0.4589

■ 39.0963, 0.3253,
0.3563

■ 35.4820, 0.3753,
0.4816


■ 40.0746, 0.3140,
0.3318


■ 34.9860, 0.3808,
0.5010


■ 41.1462, 0.3031,
0.3088


■ 34.5541, 0.3839,
0.5163


■ 42.3142, 0.2927,
0.2875

 34.1796, 0.3844,
0.5271

 43.5816, 0.2830,
0.2680

 33.8846, 0.3834,
0.5338

 44.9512, 0.2740,
0.2503

 46.4256, 0.2656,
0.2343

 47.0044, 0.2669,
0.2331

Harmonies

Analogous

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



37.4047, 0.3832, 0.3967



37.4047, 0.3479, 0.4081



37.4047, 0.3046, 0.3947

Triad

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



37.4047, 0.3479, 0.4081



37.4047, 0.2325, 0.2808



37.4047, 0.3598, 0.3001

Complementary

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



37.4047, 0.3479, 0.4081



20.2073, 0.2697, 0.2421

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.



37.4047, 0.3161, 0.2737



37.4047, 0.3479, 0.4081



37.4047, 0.2446, 0.2616

Square

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



37.4047, 0.3479, 0.4081



37.4047, 0.2397, 0.3160



37.4047, 0.2742, 0.2598



37.4047, 0.3914, 0.3338

Rectangle

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



37.4047, 0.3479, 0.4081



37.4047, 0.2773, 0.3727



37.4047, 0.2742, 0.2598



37.4047, 0.3459, 0.2902

Sweetspot

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



37.4064, 0.3479, 0.4081



71.2837, 0.3230, 0.3512



25.1610, 0.3768, 0.3454



15.8422, 0.3246, 0.3548



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.



37.4064, 0.3479, 0.4081



67.0093, 0.3548, 0.4250



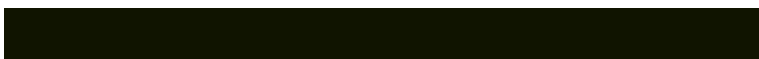
35.0101, 0.3228, 0.4148



8.6943, 0.3232, 0.3515



24.9509, 0.3838, 0.5335



0.6263, 0.3963, 0.5236

Inverse Universe

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



20.2073, 0.2697, 0.2421



31.0967, 0.2587, 0.2213



22.5008, 0.2982, 0.2489



7.3726, 0.3017, 0.3059



2.4202, 0.1616, 0.0664



0.0792, 0.1927, 0.0835

Previews

White Background



This preview shows how the Yxy color 37.4047, 0.3479, 0.4081 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 37.4047, 0.3479, 0.4081 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 37.4047, 0.3479, 0.4081

Background



This preview shows how black text looks on a background with the Yxy color 37.4047, 0.3479, 0.4081.



This preview shows how white text looks on a background with the Yxy color 37.4047, 0.3479, 0.4081.

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

37.4047, 0.3479, 0.4081

Protanopia

37.2537, 0.3712, 0.3982

Deuteranopia

37.4119, 0.3870, 0.3798



Tritanopia

37.5050, 0.3061, 0.3122

Trichromacy



Original Color

37.4047, 0.3479, 0.4081

Protanomaly

37.1913, 0.3623, 0.4012

Deuteranomaly

37.1177, 0.3725, 0.3891

Tritanomaly

37.4980, 0.3213, 0.3464

Monochromacy



Original Color

37.4047, 0.3479, 0.4081

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.0688, 0.3257, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4047, 0.3479, 0.4081 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(159, 170, 117)` looks like.

```
.text, #text, p{  
    color:rgb(159, 170, 117)  
}
```

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(159, 170, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 170, 117) }
```

Border

The CSS property to change the border of an element to Yxy 37.4047, 0.3479, 0.4081 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(159, 170, 117) }
```

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

```
.border{ border-color:rgb(159, 170, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 170, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 170, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 170, 117);  
box-shadow:4px 4px 4px 4px rgb(159, 170,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4047, 0.3479, 0.4081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 170, 117) }
```

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

```
.background{ background-color: rgb(159,  
170, 117) }
```

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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