

Converting Colors

$Yxy(38.2401, 0.3410, 0.3992)$

Have a look what the booklet for
Yxy(38.2401, 0.3410, 0.3992)
contains.

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Color

Yxy(38.3312, 0.3413, 0.4003)

Conversions

Conversions Part 1

Format	Color
Hex	9FAC7C
RGB	159, 172, 124
RGB Percent	62%, 67%, 49%
CMY	0.3767, 0.3254, 0.5137
CMYK	0.08, 0.00, 0.28, 0.33
HSL	76°, 22%, 58%
HSV	76°, 28%, 67%
XYZ	32.6816, 38.3312, 24.7434
YIQ	162.6410, 7.6600, -17.6840

Conversions

Conversions Part 2

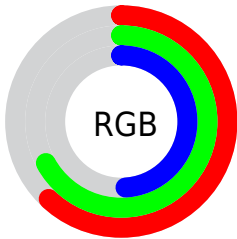
Format	Color
RYB	124, 172, 137
Decimal	10464380
CIELab	68.26, -12.92, 23.24
CIElCh	68, 26.585, 119.075
Yxy	38.3312, 0.3413, 0.4003
Android (android.graphics.Color)	4288654460 (0xFF9FAC7C)
YUV	162.6410, -19.0500, -3.1932
Hunter-Lab	61.9122, -14.1216, 19.6431

Details

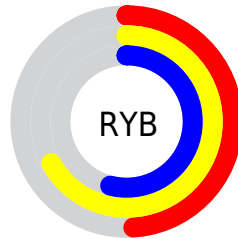
The Yxy color **38.3312, 0.3413, 0.4003** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.7172, 0.2782, 0.2530**, and the grayscale version is **36.5339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4086, 0.3362, 0.3856**, and **17.0667, 0.3484, 0.4232** is the 20% darker color. If you saturate the color by 10%, you get **37.4657, 0.3509, 0.4272**, and if you desaturate by 10%, it is **39.2941, 0.3311, 0.3738**.

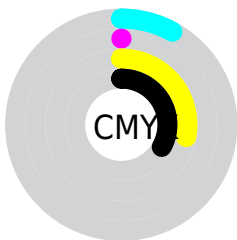
Distribution



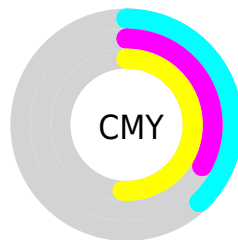
- Red (62%)
- Green (67%)
- Blue (49%)



- Red (49%)
- Yellow (67%)
- Blue (54%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (33%)





- Cyan (38%)
- Magenta (33%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3312, 0.3413, 0.4003 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 38.3312, 0.3413, 0.4003 by changing the saturation by 10% instead.


 38.3312, 0.3413,
0.4003

 38.3312, 0.3413,
0.4003


339.0386, 0.3272,
0.3626

 26.2398, 0.3447,
0.4103


 72.6155, 0.3363,
0.3861

 17.0032, 0.3488,
0.4235


 95.5772, 0.3344,
0.3810

 10.2367, 0.3540,
0.4417


 122.9312, 0.3327,
0.3767

 5.5562, 0.3605,
0.4680

155.0618, 0.3313,
0.3730

 2.5772, 0.3711,
0.5138

192.3535, 0.3301,
0.3699

 0.9152, 0.3772,
0.6228

235.1906, 0.3290,

 0.0000, 0.0000,

0.3671

0.0000

283.9575, 0.3280,
0.3647

■ 38.3312, 0.3413,
0.4003

■ 38.3312, 0.3413,
0.4003

■ 37.4657, 0.3509,
0.4272

■ 39.2941, 0.3311,
0.3738

■ 36.6885, 0.3595,
0.4535

■ 40.3532, 0.3208,
0.3482

■ 35.9966, 0.3666,
0.4781


■ 41.5138, 0.3106,
0.3241

■ 35.3851, 0.3717,
0.5000


■ 42.7792, 0.3008,
0.3017


■ 34.8485, 0.3744,
0.5181


■ 44.1529, 0.2915,
0.2812


 34.3803, 0.3747,
0.5316


 45.6377, 0.2828,
0.2625

 33.9700, 0.3727,
0.5409

 47.2368, 0.2746,
0.2456

 33.8882, 0.3722,
0.5426

 48.5197, 0.2713,
0.2364

 49.1587, 0.2747,
0.2373

Harmonies

Analogous

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



38.3312, 0.3744, 0.3925



38.3312, 0.3413, 0.4003



38.3312, 0.3019, 0.3858

Triad

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



38.3312, 0.3413, 0.4003



38.3312, 0.2398, 0.2830



38.3312, 0.3589, 0.3055

Complementary

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



38.3312, 0.3413, 0.4003



22.7172, 0.2782, 0.2530

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.



38.3312, 0.3199, 0.2804



38.3312, 0.3413, 0.4003



38.3312, 0.2526, 0.2667

Square

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



38.3312, 0.3413, 0.4003



38.3312, 0.2447, 0.3139



38.3312, 0.2811, 0.2663



38.3312, 0.3857, 0.3369

Rectangle

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



38.3312, 0.3413, 0.4003



38.3312, 0.2774, 0.3651



38.3312, 0.2811, 0.2663



38.3312, 0.3466, 0.2962

Sweetspot

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



38.3329, 0.3413, 0.4003



73.1449, 0.3210, 0.3488



28.0629, 0.3671, 0.3483



15.8323, 0.3226, 0.3525



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.



38.3329, 0.3413, 0.4003



68.6133, 0.3469, 0.4156



36.1343, 0.3190, 0.4056



9.2190, 0.3222, 0.3517



25.2410, 0.3727, 0.5423



0.7273, 0.3876, 0.5305

Inverse Universe

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



22.7172, 0.2782, 0.2530



35.9286, 0.2696, 0.2354



24.9513, 0.3035, 0.2584



7.8587, 0.3026, 0.3059



2.6865, 0.1682, 0.0700



0.1019, 0.2021, 0.0887

Previews

White Background



This preview shows how the Yxy color 38.3312, 0.3413, 0.4003 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 38.3312, 0.3413, 0.4003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

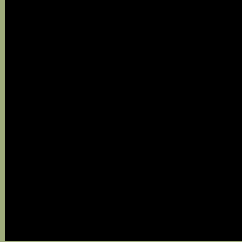
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3312, 0.3413, 0.4003

Background



This preview shows how black text looks on a background with the Yxy color 38.3312, 0.3413, 0.4003.



This preview shows how white text looks on a background with the Yxy color 38.3312, 0.3413, 0.4003.

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

38.3312, 0.3413, 0.4003

Protanopia

38.2366, 0.3659, 0.3922

Deuteranopia

37.9307, 0.3797, 0.3718



Tritanopia

38.2316, 0.3026, 0.3109

Trichromacy



Original Color

38.3312, 0.3413, 0.4003

Protanomaly

38.1811, 0.3572, 0.3950

Deuteranomaly

38.0024, 0.3652, 0.3820

Tritanomaly

38.2604, 0.3166, 0.3434

Monochromacy



Original Color

38.3312, 0.3413, 0.4003

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.1237, 0.3238, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3312, 0.3413, 0.4003 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, 172, 124)` looks like.

```
.text, #text, p{  
    color:rgb(159, 172, 124)  
}
```

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, 172, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 172, 124) }
```

Border

The CSS property to change the border of an element to Yxy 38.3312, 0.3413, 0.4003 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, 172, 124) }
```

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

```
.border{ border-color:rgb(159, 172, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 172, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 172, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 172, 124);  
box-shadow:4px 4px 4px 4px rgb(159, 172,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3312, 0.3413, 0.4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 172, 124) }
```

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

```
.background{ background-color: rgb(159,  
172, 124) }
```

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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