

Converting Colors

Yxy(38.0509, 0.3433, 0.4131)

Have a look what the booklet for
Yxy(38.0509, 0.3433, 0.4131)
contains.

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Color

Yxy(38.1401, 0.3430, 0.4131)

Conversions

Conversions Part 1

Format	Color
Hex	9BAD75
RGB	155, 173, 117
RGB Percent	61%, 68%, 46%
CMY	0.3923, 0.3215, 0.5412
CMYK	0.10, 0.00, 0.32, 0.32
HSL	79°, 25%, 57%
HSV	79°, 32%, 68%
XYZ	31.6680, 38.1401, 22.5184
YIQ	161.2340, 7.2480, -21.2320

Conversions

Conversions Part 2

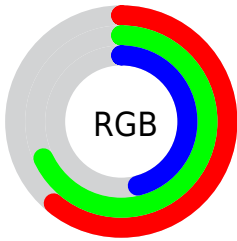
Format	Color
RYB	117, 173, 135
Decimal	10202485
CIELab	68.12, -15.97, 26.77
CIELCh	68, 31.171, 120.828
Yxy	38.1401, 0.3430, 0.4131
Android (android.graphics.Color)	4288392565 (0xFF9BAD75)
YUV	161.2340, -21.8074, -5.4672
Hunter-Lab	61.7577, -16.5450, 21.6117

Details

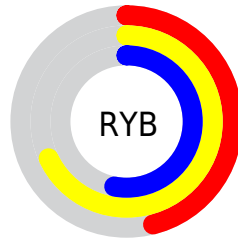
The Yxy color **38.1401, 0.3430, 0.4131** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.8906, 0.2744, 0.2398**, and the grayscale version is **35.8546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0907, 0.3377, 0.3953**, and **16.9757, 0.3501, 0.4411** is the 20% darker color. If you saturate the color by 10%, you get **37.2334, 0.3513, 0.4405**, and if you desaturate by 10%, it is **39.1508, 0.3339, 0.3859**.

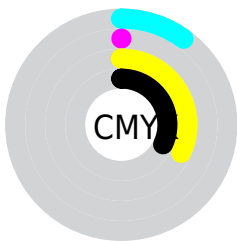
Distribution



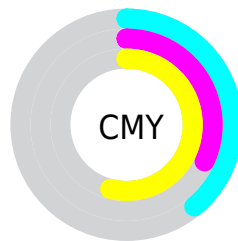
- Red (61%)
- Green (68%)
- Blue (46%)



- Red (46%)
- Yellow (68%)
- Blue (53%)



- Cyan (10%)
- Magenta (0%)
- Yellow (32%)
- Black (32%)





- Cyan (39%)
- Magenta (32%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1401, 0.3430, 0.4131 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 38.1401, 0.3430, 0.4131 by changing the saturation by 10% instead.


 38.1401, 0.3430,
0.4131


 38.1401, 0.3430,
0.4131


338.2206, 0.3283,
0.3685


 26.0914, 0.3463,
0.4250


 72.3228, 0.3379,
0.3963

 16.8921, 0.3504,
0.4407


 95.2257, 0.3359,
0.3902

 10.1576, 0.3552,
0.4623


 122.5154, 0.3342,
0.3850

 5.5036, 0.3604,
0.4933

154.5763, 0.3327,
0.3807

 2.5456, 0.3748,
0.5567

191.7930, 0.3314,
0.3770

 0.8994, 0.3407,
0.6593

234.5496, 0.3303,

 0.0000, 0.0000,

0.3738

0.0000

283.2307, 0.3292,
0.3710

■ 38.1401, 0.3430,
0.4131

■ 38.1401, 0.3430,
0.4131

■ 37.2334, 0.3513,
0.4405

■ 39.1508, 0.3339,
0.3859

■ 36.4212, 0.3584,
0.4670

■ 40.2646, 0.3244,
0.3596

■ 35.7002, 0.3638,
0.4915


■ 41.4871, 0.3149,
0.3347


■ 35.0650, 0.3670,
0.5128

■ 42.8220, 0.3057,
0.3115

■ 34.5095, 0.3679,
0.5299

■ 44.2727, 0.2968,
0.2903


 34.0264, 0.3662,
0.5422

 45.8426, 0.2885,
0.2710

 33.6952, 0.3639,
0.5493

 47.5349, 0.2807,
0.2535

 49.3268, 0.2737,
0.2381

 50.1054, 0.2778,
0.2391

Harmonies

Analogous

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



38.1401, 0.3828, 0.4042



38.1401, 0.3430, 0.4131



38.1401, 0.2969, 0.3947

Triad

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



38.1401, 0.3430, 0.4131



38.1401, 0.2284, 0.2732



38.1401, 0.3693, 0.3034

Complementary

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



38.1401, 0.3430, 0.4131



20.8906, 0.2744, 0.2398

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.



38.1401, 0.3236, 0.2740



38.1401, 0.3430, 0.4131



38.1401, 0.2442, 0.2560

Square

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



38.1401, 0.3430, 0.4131



38.1401, 0.2327, 0.3082



38.1401, 0.2780, 0.2570



38.1401, 0.3997, 0.3397

Rectangle

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



38.1401, 0.3430, 0.4131



38.1401, 0.2689, 0.3691



38.1401, 0.2780, 0.2570



38.1401, 0.3550, 0.2926

Sweetspot

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



38.1418, 0.3430, 0.4131



72.5676, 0.3223, 0.3539



27.4222, 0.3772, 0.3558



15.7081, 0.3236, 0.3574



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.



38.1418, 0.3430, 0.4131



67.0955, 0.3492, 0.4331



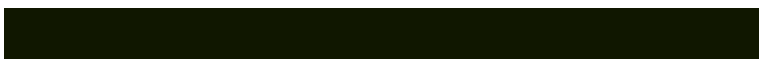
35.7076, 0.3172, 0.4203



9.1990, 0.3215, 0.3517



24.7823, 0.3645, 0.5488



0.7171, 0.3818, 0.5351

Inverse Universe

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



20.8906, 0.2744, 0.2398



31.2675, 0.2635, 0.2170



23.4968, 0.3048, 0.2473



7.8777, 0.3034, 0.3059



2.8555, 0.1744, 0.0735



0.1093, 0.2104, 0.0933

Previews

White Background



This preview shows how the Yxy color 38.1401, 0.3430, 0.4131 looks on a white background.

Color Contrast Check

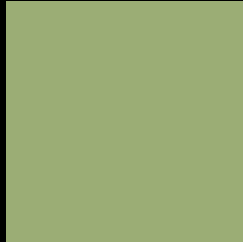
Large Text (above 18pt) WCAG AA × Fail

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 38.1401, 0.3430, 0.4131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

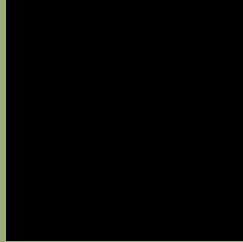
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1401, 0.3430, 0.4131

Background



This preview shows how black text looks on a background with the Yxy color 38.1401, 0.3430, 0.4131.



This preview shows how white text looks on a background with the Yxy color 38.1401, 0.3430, 0.4131.

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

38.1401, 0.3430, 0.4131

Protanopia

38.0710, 0.3722, 0.4018

Deuteranopia

38.0227, 0.3885, 0.3806



Tritanopia

37.9111, 0.2999, 0.3107

Trichromacy



Original Color

38.1401, 0.3430, 0.4131

Protanomaly

38.1598, 0.3609, 0.4067

Deuteranomaly

37.8279, 0.3717, 0.3916

Tritanomaly

37.8791, 0.3156, 0.3465

Monochromacy



Original Color

38.1401, 0.3430, 0.4131

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.3255, 0.3246, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1401, 0.3430, 0.4131 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, 173, 117)` looks like.

```
.text, #text, p{  
    color:rgb(155, 173, 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(155, 173, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 173, 117) }
```

Border

The CSS property to change the border of an element to Yxy 38.1401, 0.3430, 0.4131 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, 173, 117) }
```

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

```
.border{ border-color:rgb(155, 173, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 173, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 173, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 173, 117);  
box-shadow:4px 4px 4px 4px rgb(155, 173,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1401, 0.3430, 0.4131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 173, 117) }
```

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

```
.background{ background-color: rgb(155,  
173, 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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