

Converting Colors

$Yxy(38.5727, 0.3439, 0.4347)$

Have a look what the booklet for
Yxy(38.5727, 0.3439, 0.4347)
contains.

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Color

Yxy(38.4081, 0.3433, 0.4339)

Conversions

Conversions Part 1

Format	Color
Hex	94B06B
RGB	148, 176, 107
RGB Percent	58%, 69%, 42%
CMY	0.4197, 0.3098, 0.5804
CMYK	0.16, 0.00, 0.39, 0.31
HSL	84°, 30%, 55%
HSV	84°, 39%, 69%
XYZ	30.3883, 38.4081, 19.7219
YIQ	159.7620, 5.4610, -27.3950

Conversions

Conversions Part 2

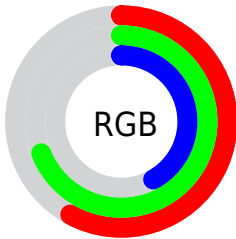
Format	Color
RYB	107, 176, 135
Decimal	9744491
CIELab	68.32, -21.55, 32.22
CIELCh	68, 38.765, 123.782
Yxy	38.4081, 0.3433, 0.4339
Android (android.graphics.Color)	4287934571 (0xFF94B06B)
YUV	159.7620, -26.0117, -10.3153
Hunter-Lab	61.9743, -20.9296, 24.5143

Details

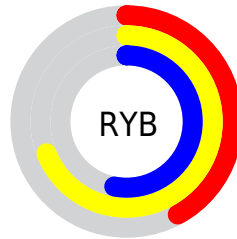
The Yxy color **38.4081, 0.3433, 0.4339** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.8050, 0.2704, 0.2202**, and the grayscale version is **35.1574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9129, 0.3387, 0.4134**, and **16.9582, 0.3497, 0.4680** is the 20% darker color. If you saturate the color by 10%, you get **37.4300, 0.3494, 0.4621**, and if you desaturate by 10%, it is **39.5062, 0.3361, 0.4055**.

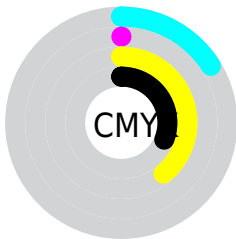
Distribution



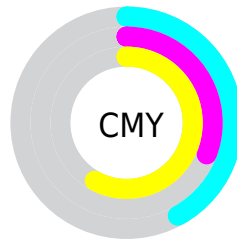
- Red (58%)
- Green (69%)
- Blue (42%)



- Red (42%)
- Yellow (69%)
- Blue (53%)



- Cyan (16%)
- Magenta (0%)
- Yellow (39%)
- Black (31%)




- Cyan (42%)
- Magenta (31%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4081, 0.3433, 0.4339 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 38.4081, 0.3433, 0.4339 by changing the saturation by 10% instead.


 38.4081, 0.3433,
0.4339


 38.4081, 0.3433,
0.4339


339.3674, 0.3292,
0.3780


 26.2996, 0.3462,
0.4488


 72.7332, 0.3386,
0.4128

 17.0479, 0.3493,
0.4685


 95.7186, 0.3367,
0.4051

 10.2686, 0.3524,
0.4954


 123.0984, 0.3350,
0.3987

 5.5774, 0.3541,
0.5335

 155.2570, 0.3336,
0.3933

 2.5899, 0.3721,
0.6279

192.5788, 0.3323,
0.3886

 0.9216, 0.2749,
0.7251

235.4482, 0.3311,

 0.0000, 0.0000,

0.3846

0.0000

284.2496, 0.3301,
0.3811

■ 38.4081, 0.3433,
0.4339

■ 38.4081, 0.3433,
0.4339

■ 37.4300, 0.3494,
0.4621

■ 39.5062, 0.3361,
0.4055

■ 36.5614, 0.3539,
0.4889

■ 40.7242, 0.3283,
0.3779

■ 35.7983, 0.3565,
0.5129

■ 42.0683, 0.3202,
0.3516


■ 35.1340, 0.3568,
0.5331

■ 43.5429, 0.3121,
0.3271

■ 34.5609, 0.3547,
0.5484

■ 45.1521, 0.3042,
0.3047


 34.0652, 0.3507,
0.5592

 46.8998, 0.2966,
0.2842

 34.0278, 0.3504,
0.5600

 48.7897, 0.2895,
0.2658

 50.8254, 0.2828,
0.2492

 52.3214, 0.2834,
0.2438

Harmonies

Analogous

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



38.4081, 0.3941, 0.4235



38.4081, 0.3433, 0.4339



38.4081, 0.2868, 0.4081

Triad

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



38.4081, 0.3433, 0.4339



38.4081, 0.2112, 0.2568



38.4081, 0.3878, 0.3012

Complementary

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



38.4081, 0.3433, 0.4339



18.8050, 0.2704, 0.2202

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.



38.4081, 0.3315, 0.2652



38.4081, 0.3433, 0.4339



38.4081, 0.2322, 0.2392

Square

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



38.4081, 0.3433, 0.4339



38.4081, 0.2136, 0.2969



38.4081, 0.2746, 0.2430



38.4081, 0.4230, 0.3449

Rectangle

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



38.4081, 0.3433, 0.4339



38.4081, 0.2537, 0.3737



38.4081, 0.2746, 0.2430



38.4081, 0.3704, 0.2880

Sweetspot

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



38.4098, 0.3433, 0.4339



75.5315, 0.3226, 0.3593



27.5110, 0.3923, 0.3699



16.3015, 0.3237, 0.3626



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



38.4098, 0.3433, 0.4339



68.1104, 0.3486, 0.4582



35.6873, 0.3128, 0.4446



9.7311, 0.3203, 0.3519



24.9984, 0.3511, 0.5594



0.8196, 0.3703, 0.5442

Inverse Universe

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



18.8050, 0.2704, 0.2202



27.5634, 0.2584, 0.1939



22.0980, 0.3091, 0.2317



8.3931, 0.3046, 0.3059



3.3293, 0.1869, 0.0803



0.1392, 0.2205, 0.0988

Previews

White Background



This preview shows how the Yxy color 38.4081, 0.3433, 0.4339 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 38.4081, 0.3433, 0.4339 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 38.4081, 0.3433, 0.4339

Background



This preview shows how black text looks on a background with the Yxy color 38.4081, 0.3433, 0.4339.



This preview shows how white text looks on a background with the Yxy color 38.4081, 0.3433, 0.4339.

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

38.4081, 0.3433, 0.4339

Protanopia

38.0755, 0.3839, 0.4159

Deuteranopia

38.0861, 0.3992, 0.3916



Tritanopia

38.2018, 0.2939, 0.3106

Trichromacy



Original Color

38.4081, 0.3433, 0.4339

Protanomaly

38.1839, 0.3687, 0.4236

Deuteranomaly

37.7394, 0.3773, 0.4057

Tritanomaly

37.9194, 0.3124, 0.3542

Monochromacy



Original Color

38.4081, 0.3433, 0.4339

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.2634, 0.3250, 0.3666

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4081, 0.3433, 0.4339 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(148, 176, 107)` looks like.

```
.text, #text, p{  
    color:rgb(148, 176, 107)  
}
```

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(148, 176, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 176, 107) }
```

Border

The CSS property to change the border of an element to Yxy 38.4081, 0.3433, 0.4339 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(148, 176, 107) }
```

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

```
.border{ border-color:rgb(148, 176, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 176, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 176, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 176, 107);  
box-shadow:4px 4px 4px 4px rgb(148, 176,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4081, 0.3433, 0.4339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 176, 107) }
```

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

```
.background{ background-color: rgb(148,  
176, 107) }
```

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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