

Converting Colors

$Yxy(38.1023, 0.3489, 0.4050)$

Have a look what the booklet for
Yxy(38.1023, 0.3489, 0.4050)
contains.

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Color

Yxy(38.1391, 0.3488, 0.4057)

Conversions

Conversions Part 1

Format	Color
Hex	A2AB77
RGB	162, 171, 119
RGB Percent	64%, 67%, 47%
CMY	0.3648, 0.3294, 0.5334
CMYK	0.05, 0.00, 0.30, 0.33
HSL	70°, 24%, 57%
HSV	70°, 30%, 67%
XYZ	32.7900, 38.1391, 23.0790
YIQ	162.3810, 11.3280, -18.0800

Conversions

Conversions Part 2

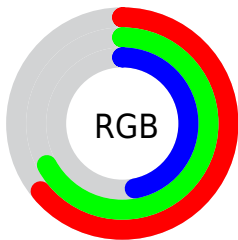
Format	Color
RYB	119, 171, 128
Decimal	10660727
CIELab	68.12, -11.92, 25.79
CIELCh	68, 28.415, 114.812
Yxy	38.1391, 0.3488, 0.4057
Android (android.graphics.Color)	4288850807 (0xFFA2AB77)
YUV	162.3810, -21.3868, -0.3341
Hunter-Lab	61.7569, -13.2993, 21.0727

Details

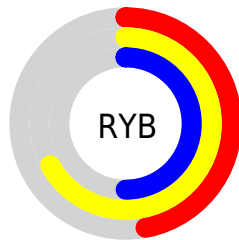
The Yxy color **38.1391, 0.3488, 0.4057** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.7185, 0.2691, 0.2441**, and the grayscale version is **36.4168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1230, 0.3419, 0.3899**, and **16.9508, 0.3587, 0.4302** is the 20% darker color. If you saturate the color by 10%, you get **37.4594, 0.3600, 0.4314**, and if you desaturate by 10%, it is **38.9034, 0.3370, 0.3798**.

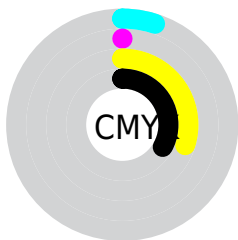
Distribution



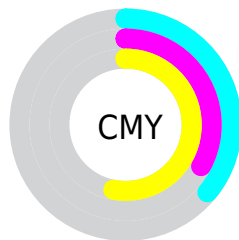
- Red (64%)
- Green (67%)
- Blue (47%)



- Red (47%)
- Yellow (67%)
- Blue (50%)



- Cyan (5%)
- Magenta (0%)
- Yellow (30%)
- Black (33%)





- Cyan (36%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1391, 0.3488, 0.4057 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 38.1391, 0.3488, 0.4057 by changing the saturation by 10% instead.


 38.1391, 0.3488,
0.4057


 38.1391, 0.3488,
0.4057


338.2163, 0.3309,
0.3653

 26.0907, 0.3531,
0.4164


 72.3213, 0.3424,
0.3906

 16.8915, 0.3584,
0.4304

 95.2238, 0.3400,
0.3850

 10.1571, 0.3650,
0.4495


 122.5132, 0.3379,
0.3804

 5.5033, 0.3732,
0.4769

154.5738, 0.3361,
0.3764

 2.5455, 0.3908,
0.5298

191.7900, 0.3346,
0.3731

 0.8993, 0.3853,
0.6147

234.5462, 0.3332,

 0.0000, 0.0000,

0.3701

0.0000

283.2269, 0.3320,
0.3676

■ 38.1391, 0.3488,
0.4057

■ 38.1391, 0.3488,
0.4057

■ 37.4594, 0.3600,
0.4314

■ 38.9034, 0.3370,
0.3798

■ 36.8553, 0.3700,
0.4558

■ 39.7510, 0.3250,
0.3544

■ 36.3240, 0.3784,
0.4780


■ 40.6870, 0.3132,
0.3300

■ 35.8607, 0.3846,
0.4970


■ 41.7148, 0.3018,
0.3071

■ 35.4599, 0.3885,
0.5119

■ 42.8373, 0.2910,
0.2859


 35.1149, 0.3898,
0.5224

 44.0576, 0.2809,
0.2664

 34.8235, 0.3892,
0.5292

 45.3785, 0.2716,
0.2486

 46.7518, 0.2634,
0.2333

 47.1263, 0.2656,
0.2338

Harmonies

Analogous

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



38.1391, 0.3824, 0.3939



38.1391, 0.3488, 0.4057



38.1391, 0.3069, 0.3938

Triad

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



38.1391, 0.3488, 0.4057



38.1391, 0.2346, 0.2835



38.1391, 0.3567, 0.2995

Complementary

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



38.1391, 0.3488, 0.4057



20.7185, 0.2691, 0.2441

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.



38.1391, 0.3141, 0.2743



38.1391, 0.3488, 0.4057



38.1391, 0.2456, 0.2639

Square

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



38.1391, 0.3488, 0.4057



38.1391, 0.2425, 0.3183



38.1391, 0.2737, 0.2613



38.1391, 0.3881, 0.3322

Rectangle

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



38.1391, 0.3488, 0.4057



38.1391, 0.2801, 0.3731



38.1391, 0.2737, 0.2613



38.1391, 0.3430, 0.2900

Sweetspot

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



38.1408, 0.3488, 0.4057



71.3870, 0.3235, 0.3512



25.3377, 0.3756, 0.3424



15.8687, 0.3252, 0.3547



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.



38.1408, 0.3488, 0.4057



67.4040, 0.3570, 0.4243



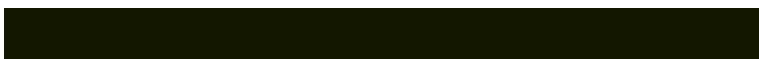
35.7219, 0.3242, 0.4121



9.2589, 0.3237, 0.3516



26.2689, 0.3895, 0.5289



0.7490, 0.3991, 0.5213

Inverse Universe

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



20.7185, 0.2691, 0.2441



30.8234, 0.2565, 0.2206



22.9666, 0.2967, 0.2504



7.8215, 0.3011, 0.3057



2.4373, 0.1587, 0.0648



0.0873, 0.1845, 0.0790

Previews

White Background



This preview shows how the Yxy color 38.1391, 0.3488, 0.4057 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 38.1391, 0.3488, 0.4057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

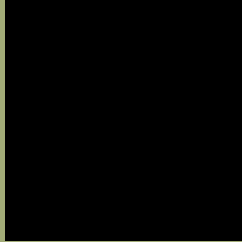
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1391, 0.3488, 0.4057

Background



This preview shows how black text looks on a background with the Yxy color 38.1391, 0.3488, 0.4057.



This preview shows how white text looks on a background with the Yxy color 38.1391, 0.3488, 0.4057.

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

38.1391, 0.3488, 0.4057

Protanopia

38.1405, 0.3695, 0.3977

Deuteranopia

37.9372, 0.3856, 0.3782



Tritanopia

38.1603, 0.3062, 0.3110

Trichromacy



Original Color

38.1391, 0.3488, 0.4057

Protanomaly

38.1975, 0.3617, 0.4004

Deuteranomaly

37.7652, 0.3723, 0.3872

Tritanomaly

38.1447, 0.3213, 0.3448

Monochromacy



Original Color

38.1391, 0.3488, 0.4057

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.6670, 0.3266, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1391, 0.3488, 0.4057 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(162, 171, 119)` looks like.

```
.text, #text, p{  
    color:rgb(162, 171, 119)  
}
```

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(162, 171, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 171, 119) }
```

Border

The CSS property to change the border of an element to Yxy 38.1391, 0.3488, 0.4057 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(162, 171, 119) }
```

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

```
.border{ border-color:rgb(162, 171, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 171, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 171, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 171, 119);  
box-shadow:4px 4px 4px 4px rgb(162, 171,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1391, 0.3488, 0.4057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 171, 119) }
```

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

```
.background{ background-color: rgb(162,  
171, 119) }
```

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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