

Converting Colors

$Yxy(37.9206, 0.3271, 0.4001)$

Have a look what the booklet for
Yxy(37.9206, 0.3271, 0.4001)
contains.

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Color

Yxy(38.0075, 0.3270, 0.4010)

Conversions

Conversions Part 1

Format	Color
Hex	93AE7F
RGB	147, 174, 127
RGB Percent	58%, 68%, 50%
CMY	0.4237, 0.3176, 0.5020
CMYK	0.16, 0.00, 0.27, 0.32
HSL	95°, 22%, 59%
HSV	95°, 27%, 68%
XYZ	30.9936, 38.0075, 25.7806
YIQ	160.5690, -1.0050, -20.3410

Conversions

Conversions Part 2

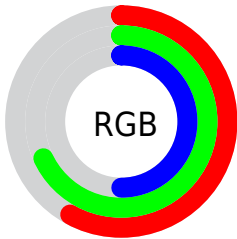
Format	Color
RYB	127, 174, 154
Decimal	9678463
CIELab	68.03, -18.03, 21.14
CIElCh	68, 27.788, 130.459
Yxy	38.0075, 0.3270, 0.4010
Android (android.graphics.Color)	4287868543 (0xFF93AE7F)
YUV	160.5690, -16.5495, -11.9000
Hunter-Lab	61.6502, -18.1499, 18.3615

Details

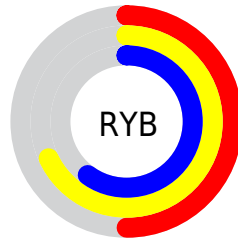
The Yxy color **38.0075, 0.3270, 0.4010** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **25.1108, 0.2943, 0.2587**, and the grayscale version is **35.5062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3064, 0.3244, 0.3869**, and **16.9559, 0.3298, 0.4249** is the 20% darker color. If you saturate the color by 10%, you get **36.7083, 0.3315, 0.4309**, and if you desaturate by 10%, it is **39.4689, 0.3219, 0.3726**.

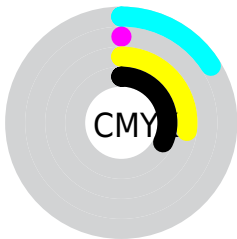
Distribution



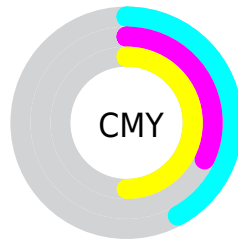
- Red (58%)
- Green (68%)
- Blue (50%)



- Red (50%)
- Yellow (68%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (27%)
- Black (32%)



- Cyan (42%)
- Magenta (32%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.0075, 0.3270, 0.4010 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 38.0075, 0.3270, 0.4010 by changing the saturation by 10% instead.


 38.0075, 0.3270,
0.4010


 38.0075, 0.3270,
0.4010


337.6521, 0.3204,
0.3626


 25.9885, 0.3284,
0.4114


 72.1196, 0.3247,
0.3864

 16.8150, 0.3300,
0.4253


 94.9816, 0.3238,
0.3812

 10.1027, 0.3318,
0.4446


 122.2266, 0.3231,
0.3768

 5.4671, 0.3333,
0.4732

154.2391, 0.3224,
0.3730

 2.5239, 0.3346,
0.5218

191.4036, 0.3218,
0.3699

 0.8885, 0.3128,
0.6872

234.1043, 0.3213,

 0.0000, 0.0000,

0.3671

0.0000

282.7257, 0.3208,
0.3647

■ 38.0075, 0.3270,
0.4010

■ 38.0075, 0.3270,
0.4010

■ 36.7083, 0.3315,
0.4309

■ 39.4689, 0.3219,
0.3726

■ 35.5604, 0.3351,
0.4615

■ 41.0934, 0.3165,
0.3462

■ 34.5589, 0.3374,
0.4914

■ 42.8879, 0.3111,
0.3221

■ 33.6967, 0.3380,
0.5192

■ 44.8576, 0.3058,
0.3003

■ 32.9660, 0.3367,
0.5431

■ 47.0075, 0.3006,
0.2809

■ 32.3580, 0.3335,
0.5619

■ 49.3422, 0.2957,
0.2636

■ 31.8609, 0.3287,
0.5749

■ 51.8662, 0.2911,
0.2482

■ 31.7284, 0.3273,
0.5784

■ 53.8406, 0.2945,
0.2444

■ 55.5174, 0.3023,
0.2463

Harmonies

Analogous

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



38.0075, 0.3656, 0.4011



38.0075, 0.3270, 0.4010



38.0075, 0.2862, 0.3772

Triad

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



38.0075, 0.3270, 0.4010



38.0075, 0.2394, 0.2724



38.0075, 0.3740, 0.3163

Complementary

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



38.0075, 0.3270, 0.4010



25.1108, 0.2943, 0.2587

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.



38.0075, 0.3364, 0.2870



38.0075, 0.3270, 0.4010



38.0075, 0.2594, 0.2618

Square

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



38.0075, 0.3270, 0.4010



38.0075, 0.2375, 0.2993



38.0075, 0.2942, 0.2675



38.0075, 0.3943, 0.3499

Rectangle

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



38.0075, 0.3270, 0.4010



38.0075, 0.2632, 0.3519



38.0075, 0.2942, 0.2675



38.0075, 0.3628, 0.3058

Sweetspot

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



38.0091, 0.3270, 0.4010



74.1795, 0.3171, 0.3490



33.5257, 0.3598, 0.3679



16.3866, 0.3180, 0.3528



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.



38.0091, 0.3270, 0.4010



67.5884, 0.3296, 0.4175



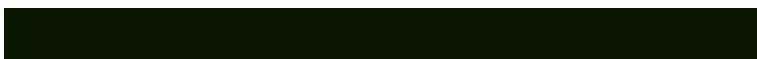
36.4050, 0.3067, 0.3998



9.0993, 0.3178, 0.3520



23.0421, 0.3281, 0.5777



0.6737, 0.3536, 0.5574

Inverse Universe

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



25.1108, 0.2943, 0.2587



40.5142, 0.2895, 0.2430



27.1147, 0.3191, 0.2671



7.9762, 0.3072, 0.3062



4.2228, 0.2193, 0.0982



0.1488, 0.2502, 0.1152

Previews

White Background



This preview shows how the Yxy color 38.0075, 0.3270, 0.4010 looks on a white background.

Color Contrast Check

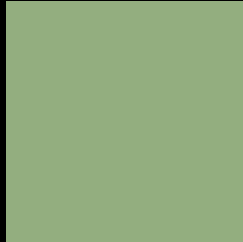
Large Text (above 18pt) WCAG AA × Fail

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 38.0075, 0.3270, 0.4010 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 38.0075, 0.3270, 0.4010

Background



This preview shows how black text looks on a background with the Yxy color 38.0075, 0.3270, 0.4010.



This preview shows how white text looks on a background with the Yxy color 38.0075, 0.3270, 0.4010.

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

38.0075, 0.3270, 0.4010

Protanopia

37.6874, 0.3625, 0.3885

Deuteranopia

37.7454, 0.3747, 0.3681



Tritanopia

37.9013, 0.2914, 0.3104

Trichromacy



Original Color

38.0075, 0.3270, 0.4010

Protanomaly

37.5675, 0.3494, 0.3934

Deuteranomaly

37.3660, 0.3563, 0.3788

Tritanomaly

37.9981, 0.3040, 0.3422

Monochromacy



Original Color

38.0075, 0.3270, 0.4010

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.5103, 0.3181, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0075, 0.3270, 0.4010 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(147, 174, 127)` looks like.

```
.text, #text, p{  
    color:rgb(147, 174, 127)  
}
```

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(147, 174, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 174, 127) }
```

Border

The CSS property to change the border of an element to Yxy 38.0075, 0.3270, 0.4010 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(147, 174, 127) }
```

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

```
.border{ border-color:rgb(147, 174, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 174, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 174, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 174, 127);  
box-shadow:4px 4px 4px 4px rgb(147, 174,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0075, 0.3270, 0.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 174, 127) }
```

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

```
.background{ background-color: rgb(147,  
174, 127) }
```

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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