

Converting Colors

$Yxy(38.6169, 0.3282, 0.4085)$

Have a look what the booklet for
Yxy(38.6169, 0.3282, 0.4085)
contains.

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Color

Yxy(38.6169, 0.3282, 0.4085)

Conversions

Conversions Part 1

Format	Color
Hex	92B07C
RGB	146, 176, 124
RGB Percent	57%, 69%, 49%
CMY	0.4272, 0.3098, 0.5137
CMYK	0.17, 0.00, 0.30, 0.31
HSL	95°, 25%, 59%
HSV	95°, 30%, 69%
XYZ	31.0259, 38.6169, 24.8906
YIQ	161.1020, -1.1880, -22.5320

Conversions

Conversions Part 2

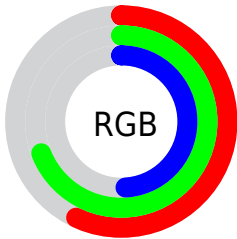
Format	Color
RYB	124, 176, 154
Decimal	9613436
CIELab	68.47, -19.84, 23.35
CIELCh	68, 30.642, 130.346
Yxy	38.6169, 0.3282, 0.4085
Android (android.graphics.Color)	4287803516 (0xFF92B07C)
YUV	161.1020, -18.2913, -13.2445
Hunter-Lab	62.1425, -19.6297, 19.7516

Details

The Yxy color **38.6169, 0.3282, 0.4085** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **24.4166, 0.2922, 0.2516**, and the grayscale version is **35.7834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1669, 0.3253, 0.3927**, and **17.1068, 0.3314, 0.4336** is the 20% darker color. If you saturate the color by 10%, you get **37.3238, 0.3325, 0.4387**, and if you desaturate by 10%, it is **40.0751, 0.3232, 0.3796**.

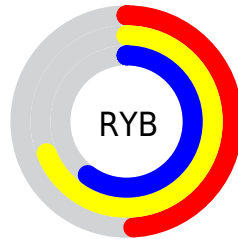
Distribution



Red (57%)

Green (69%)

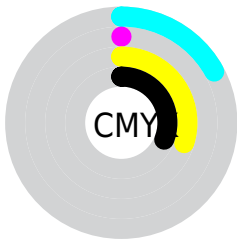
Blue (49%)



Red (49%)

Yellow (69%)

Blue (60%)

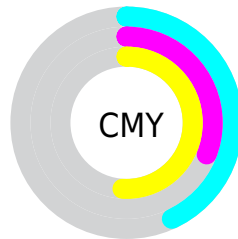


Cyan (17%)

Magenta (0%)

Yellow (30%)

Black (31%)



Cyan (43%)


Magenta (31%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6169, 0.3282, 0.4085 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 38.6169, 0.3282, 0.4085 by changing the saturation by 10% instead.


 38.6169, 0.3282,
0.4085


 38.6169, 0.3282,
0.4085


340.2590, 0.3211,
0.3661


 26.4618, 0.3296,
0.4200


 73.0527, 0.3258,
0.3924

 17.1695, 0.3312,
0.4352


 96.1022, 0.3249,
0.3866

 10.3554, 0.3329,
0.4564


 123.5520, 0.3241,
0.3817

 5.6352, 0.3339,
0.4875

155.7865, 0.3233,
0.3776

 2.6246, 0.3352,
0.5421

193.1900, 0.3227,
0.3741

 0.9390, 0.3025,
0.6975

236.1470, 0.3221,

 0.0000, 0.0000,

0.3711

0.0000

285.0419, 0.3216,
0.3684

■ 38.6169, 0.3282,
0.4085

■ 38.6169, 0.3282,
0.4085

■ 37.3238, 0.3325,
0.4387

■ 40.0751, 0.3232,
0.3796

■ 36.1846, 0.3358,
0.4693

■ 41.6994, 0.3179,
0.3526

■ 35.1939, 0.3377,
0.4988


■ 43.4972, 0.3125,
0.3279


■ 34.3445, 0.3378,
0.5258


■ 45.4737, 0.3071,
0.3056

■ 33.6280, 0.3361,
0.5485


■ 47.6340, 0.3019,
0.2855

 33.0350, 0.3324,
0.5658


 49.9831, 0.2969,
0.2677

 32.5492, 0.3274,
0.5779

 52.5256, 0.2923,
0.2518

 32.5284, 0.3272,
0.5784

 54.6184, 0.2946,
0.2465

 56.3163, 0.3025,
0.2483

Harmonies

Analogous

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



38.6169, 0.3705, 0.4080



38.6169, 0.3282, 0.4085



38.6169, 0.2837, 0.3823

Triad

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



38.6169, 0.3282, 0.4085



38.6169, 0.2329, 0.2670



38.6169, 0.3798, 0.3148

Complementary

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



38.6169, 0.3282, 0.4085



24.4166, 0.2922, 0.2516

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.



38.6169, 0.3383, 0.2832



38.6169, 0.3282, 0.4085



38.6169, 0.2544, 0.2558

Square

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



38.6169, 0.3282, 0.4085



38.6169, 0.2308, 0.2962



38.6169, 0.2921, 0.2621



38.6169, 0.4023, 0.3512

Rectangle

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



38.6169, 0.3282, 0.4085



38.6169, 0.2586, 0.3542



38.6169, 0.2921, 0.2621



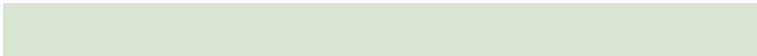
38.6169, 0.3675, 0.3034

Sweetspot

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



38.6186, 0.3282, 0.4085



75.7564, 0.3177, 0.3516



33.6196, 0.3649, 0.3717



16.3221, 0.3185, 0.3553



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.



38.6186, 0.3282, 0.4085



68.5890, 0.3309, 0.4268



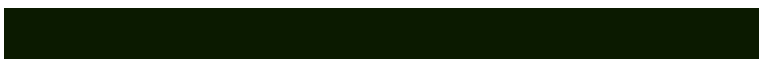
36.8773, 0.3061, 0.4076



9.6604, 0.3178, 0.3521



23.9029, 0.3279, 0.5778



0.7867, 0.3512, 0.5593

Inverse Universe

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



24.4166, 0.2922, 0.2516



38.8945, 0.2868, 0.2343



26.6458, 0.3198, 0.2613



8.4636, 0.3072, 0.3061



4.3794, 0.2192, 0.0981



0.1713, 0.2476, 0.1138

Previews

White Background



This preview shows how the Yxy color 38.6169, 0.3282, 0.4085 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 38.6169, 0.3282, 0.4085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

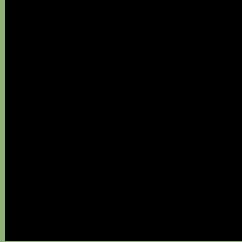
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6169, 0.3282, 0.4085

Background



This preview shows how black text looks on a background with the Yxy color 38.6169, 0.3282, 0.4085.



This preview shows how white text looks on a background with the Yxy color 38.6169, 0.3282, 0.4085.

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

38.6169, 0.3282, 0.4085

Protanopia

38.2122, 0.3668, 0.3935

Deuteranopia

38.4097, 0.3802, 0.3729



Tritanopia

38.7219, 0.2899, 0.3105

Trichromacy



Original Color

38.6169, 0.3282, 0.4085

Protanomaly

38.3454, 0.3524, 0.4002

Deuteranomaly

38.2438, 0.3604, 0.3854

Tritanomaly

38.7537, 0.3040, 0.3451

Monochromacy



Original Color

38.6169, 0.3282, 0.4085

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.4785, 0.3189, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6169, 0.3282, 0.4085 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(146, 176, 124)` looks like.

```
.text, #text, p{  
    color:rgb(146, 176, 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(146, 176, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 176, 124) }
```

Border

The CSS property to change the border of an element to Yxy 38.6169, 0.3282, 0.4085 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(146, 176, 124) }
```

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

```
.border{ border-color:rgb(146, 176, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 176, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 176, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 176, 124);  
box-shadow:4px 4px 4px 4px rgb(146, 176,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6169, 0.3282, 0.4085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 176, 124) }
```

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

```
.background{ background-color: rgb(146,  
176, 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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