

Converting Colors

$Yxy(41.0772, 0.3079, 0.4316)$

Have a look what the booklet for
Yxy(41.0772, 0.3079, 0.4316)
contains.

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Color

Yxy(41.0834, 0.3079, 0.4316)

Conversions

Conversions Part 1

Format	Color
Hex	7ABB7A
RGB	122, 187, 122
RGB Percent	48%, 73%, 48%
CMY	0.5216, 0.2666, 0.5216
CMYK	0.35, 0.00, 0.35, 0.27
HSL	120°, 32%, 61%
HSV	120°, 35%, 73%
XYZ	29.3086, 41.0834, 24.7966
YIQ	160.1550, -17.8750, -33.9950

Conversions

Conversions Part 2

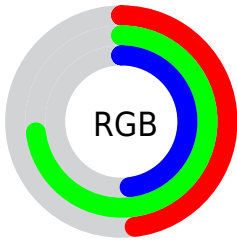
Format	Color
RYB	122, 187, 187
Decimal	8043386
CIELab	70.23, -33.90, 26.54
CIElCh	70, 43.058, 141.940
Yxy	41.0834, 0.3079, 0.4316
Android (android.graphics.Color)	4286233466 (0xFF7ABB7A)
YUV	160.1550, -18.8104, -33.4619
Hunter-Lab	64.0963, -30.5480, 21.9302

Details

The Yxy color **41.0834, 0.3079, 0.4316** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **28.0714, 0.3167, 0.2441**, and the grayscale version is **35.3239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0266, 0.3095, 0.4111**, and **18.5450, 0.3043, 0.4671** is the 20% darker color. If you saturate the color by 10%, you get **39.4291, 0.3062, 0.4669**, and if you desaturate by 10%, it is **43.0930, 0.3095, 0.3982**.

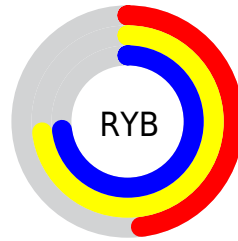
Distribution



Red (48%)

Green (73%)

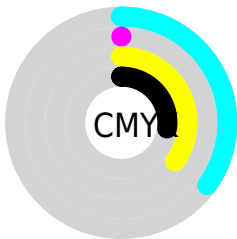
Blue (48%)



Red (48%)

Yellow (73%)

Blue (73%)

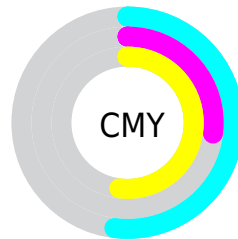


Cyan (35%)

Magenta (0%)

Yellow (35%)

Black (27%)



Cyan (52%)


Magenta (27%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0834, 0.3079, 0.4316 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 41.0834, 0.3079, 0.4316 by changing the saturation by 10% instead.


 41.0834, 0.3079,
0.4316

 41.0834, 0.3079,
0.4316

350.6691, 0.3120,
0.3764


 28.3843, 0.3062,
0.4466

 76.8105, 0.3099,
0.4106

 18.6155, 0.3036,
0.4667


 100.6072, 0.3104,
0.4030

 11.3928, 0.2991,
0.4946


 128.8719, 0.3109,
0.3967

 6.3317, 0.2911,
0.5358

161.9890, 0.3112,
0.3914

 3.0478, 0.2769,
0.6070

200.3429, 0.3115,
0.3868

 1.1567, 0.1773,
0.8227

244.3179, 0.3117,

 0.0259, 0.0000,

0.3829

1.0000

294.2985, 0.3119,
0.3795

0.0000, 0.0000,
0.0000

41.0834, 0.3079,
0.4316

41.0834, 0.3079,
0.4316

39.4291, 0.3062,
0.4669

43.0930, 0.3095,
0.3982

38.1047, 0.3046,
0.5023

45.4714, 0.3109,
0.3678

37.0895, 0.3030,
0.5354

48.2375, 0.3122,
0.3407


36.3586, 0.3017,
0.5634


51.4077, 0.3133,
0.3170

35.8829, 0.3007,
0.5840

54.9972, 0.3142,
0.2966

 35.6274, 0.3002,
0.5959

 59.0206, 0.3151,
0.2790

 35.5428, 0.3000,
0.6000

 63.4917, 0.3158,
0.2640

 64.0227, 0.3158,
0.2624

Harmonies

Analogous

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



41.0834, 0.3686, 0.4428



41.0834, 0.3079, 0.4316



41.0834, 0.2516, 0.3815

Triad

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



41.0834, 0.3079, 0.4316



41.0834, 0.2142, 0.2367



41.0834, 0.4214, 0.3265

Complementary

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



41.0834, 0.3079, 0.4316



28.0714, 0.3167, 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.



41.0834, 0.3715, 0.2822



41.0834, 0.3079, 0.4316



41.0834, 0.2509, 0.2324

Square

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



41.0834, 0.3079, 0.4316



41.0834, 0.2015, 0.2647



41.0834, 0.3074, 0.2489



41.0834, 0.4378, 0.3745

Rectangle

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



41.0834, 0.3079, 0.4316



41.0834, 0.2239, 0.3379



41.0834, 0.3074, 0.2489



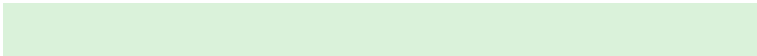
41.0834, 0.4078, 0.3109

Sweetspot

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



41.0851, 0.3079, 0.4316



83.6258, 0.3115, 0.3549



47.5132, 0.3643, 0.4143



18.2642, 0.3113, 0.3587



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.0851, 0.3079, 0.4316



71.1811, 0.3066, 0.4595



42.0298, 0.2855, 0.3789



10.6497, 0.3116, 0.3527



24.4879, 0.3000, 0.6000



0.9592, 0.3000, 0.6000

Inverse Universe

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



28.0714, 0.3167, 0.2441



44.2511, 0.3176, 0.2259



26.8333, 0.3531, 0.2843



9.6963, 0.3138, 0.3064



9.7510, 0.3209, 0.1542



0.3820, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 41.0834, 0.3079, 0.4316 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 41.0834, 0.3079, 0.4316 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 41.0834, 0.3079, 0.4316

Background



This preview shows how black text looks on a background with the Yxy color 41.0834, 0.3079, 0.4316.



This preview shows how white text looks on a background with the Yxy color 41.0834, 0.3079, 0.4316.

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

41.0834, 0.3079, 0.4316

Protanopia

40.6779, 0.3750, 0.4050

Deuteranopia

40.6398, 0.3845, 0.3769



Tritanopia

40.8419, 0.2675, 0.3074

Trichromacy



Original Color

41.0834, 0.3079, 0.4316

Protanomaly

40.4337, 0.3477, 0.4148

Deuteranomaly

39.8700, 0.3541, 0.3956

Tritanomaly

40.5836, 0.2820, 0.3500

Monochromacy



Original Color

41.0834, 0.3079, 0.4316

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.9358, 0.3110, 0.3656

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0834, 0.3079, 0.4316 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(122, 187, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 187, 122)  
}
```

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(122, 187, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 187, 122) }
```

Border

The CSS property to change the border of an element to Yxy 41.0834, 0.3079, 0.4316 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(122, 187, 122) }
```

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

```
.border{ border-color:rgb(122, 187, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 187, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 187, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 187, 122); box-shadow:4px 4px 4px 4px rgb(122, 187, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0834, 0.3079, 0.4316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 187, 122) }
```

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

```
.background{ background-color: rgb(122,  
187, 122) }
```

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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