

Converting Colors

$Yxy(41.2705, 0.3024, 0.3709)$

Have a look what the booklet for
Yxy(41.2705, 0.3024, 0.3709)
contains.

Yxy(41.1873, 0.3024, 0.3707)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.1873, 0.3024, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	8FB599
RGB	143, 181, 153
RGB Percent	56%, 71%, 60%
CMY	0.4393, 0.2902, 0.4000
CMYK	0.21, 0.00, 0.15, 0.29
HSL	136°, 20%, 64%
HSV	136°, 21%, 71%
XYZ	33.5987, 41.1873, 36.3208
YIQ	166.4460, -13.6600, -16.7640

Conversions

Conversions Part 2

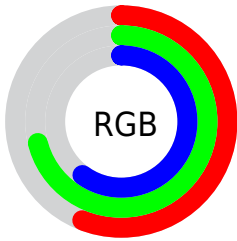
Format	Color
RYB	143, 173, 181
Decimal	9418137
CIELab	70.31, -18.48, 10.10
CIELCh	70, 21.058, 151.342
Yxy	41.1873, 0.3024, 0.3707
Android (android.graphics.Color)	4287608217 (0xFF8FB599)
YUV	166.4460, -6.6289, -20.5621
Hunter-Lab	64.1773, -18.8604, 11.3693

Details

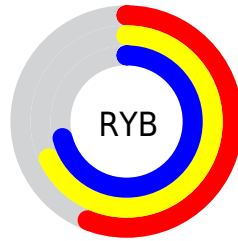
The Yxy color **41.1873, 0.3024, 0.3707** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.4014, 0.3249, 0.2906**, and the grayscale version is **38.3970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9437, 0.3046, 0.3629**, and **18.6730, 0.2989, 0.3841** is the 20% darker color. If you saturate the color by 10%, you get **39.2861, 0.2977, 0.3942**, and if you desaturate by 10%, it is **43.4018, 0.3073, 0.3496**.

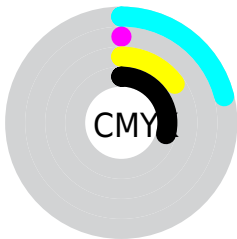
Distribution



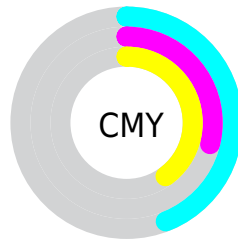
- Red (56%)
- Green (71%)
- Blue (60%)



- Red (56%)
- Yellow (68%)
- Blue (71%)



- Cyan (21%)
- Magenta (0%)
- Yellow (15%)
- Black (29%)





- Cyan (44%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1873, 0.3024, 0.3707 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 41.1873, 0.3024, 0.3707 by changing the saturation by 10% instead.

 41.1873, 0.3024,
0.3707


 41.1873, 0.3024,
0.3707


351.1028, 0.3080,
0.3488

 28.4655, 0.3009,
0.3765


 76.9681, 0.3045,
0.3625

 18.6768, 0.2988,
0.3842


 100.7959, 0.3053,
0.3595

 11.4370, 0.2959,
0.3948


129.0945, 0.3059,
0.3570

 6.3616, 0.2915,
0.4105

162.2483, 0.3065,
0.3549

 3.0662, 0.2842,
0.4359

200.6416, 0.3069,
0.3530

 1.1664, 0.2711,
0.4993

244.6588, 0.3073,

 0.0340, 0.0000,

0.3515

1.0000

294.6845, 0.3077,
0.3501

■ 0.0000, 0.0000,
0.0000

■ 41.1873, 0.3024,
0.3707

■ 41.1873, 0.3024,
0.3707

■ 39.2861, 0.2977,
0.3942

■ 43.4018, 0.3073,
0.3496

■ 37.6789, 0.2935,
0.4197

■ 45.9376, 0.3122,
0.3308

■ 36.3521, 0.2900,
0.4468

■ 48.8087, 0.3171,
0.3142

■ 35.2894, 0.2876,
0.4747

■ 52.0270, 0.3217,
0.2998

■ 34.4722, 0.2865,
0.5022

■ 55.6036, 0.3262,
0.2872

■ 33.8797, 0.2868,
0.5280

■ 59.5492, 0.3304,
0.2762

■ 33.4874, 0.2886,
0.5506

■ 60.9823, 0.3227,
0.2644

■ 33.2628, 0.2910,
0.5675

■ 61.5313, 0.3161,
0.2566

Harmonies

Analogous

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



41.1873, 0.3331, 0.3833



41.1873, 0.3024, 0.3707



41.1873, 0.2754, 0.3451

Triad

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



41.1873, 0.3024, 0.3707



41.1873, 0.2670, 0.2798



41.1873, 0.3699, 0.3378

Complementary

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



41.1873, 0.3024, 0.3707



32.4014, 0.3249, 0.2906

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.



41.1873, 0.3504, 0.3126



41.1873, 0.3024, 0.3707



41.1873, 0.2904, 0.2801

Square

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



41.1873, 0.3024, 0.3707



41.1873, 0.2557, 0.2922



41.1873, 0.3209, 0.2920



41.1873, 0.3730, 0.3621

Rectangle

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



41.1873, 0.3024, 0.3707



41.1873, 0.2628, 0.3253



41.1873, 0.3209, 0.2920



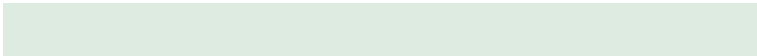
41.1873, 0.3650, 0.3292

Sweetspot

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



41.1890, 0.3024, 0.3707



79.8802, 0.3097, 0.3400



43.7479, 0.3352, 0.3820



17.2028, 0.3094, 0.3412



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.1890, 0.3024, 0.3707



72.1926, 0.3003, 0.3808



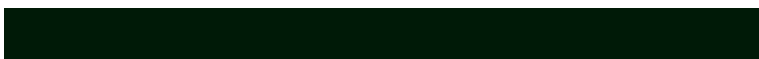
41.8481, 0.2887, 0.3428



9.5257, 0.3081, 0.3462



22.9382, 0.2904, 0.5654



0.7316, 0.2744, 0.5079

Inverse Universe

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



32.4014, 0.3249, 0.2906



53.7461, 0.3280, 0.2823



31.7451, 0.3440, 0.3157



8.6077, 0.3176, 0.3124



7.9561, 0.3999, 0.1977



0.2593, 0.3735, 0.1831

Previews

White Background



This preview shows how the Yxy color 41.1873, 0.3024, 0.3707 looks on a white background.

Color Contrast Check

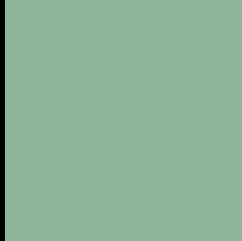
Large Text (above 18pt) WCAG AA × Fail

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 41.1873, 0.3024, 0.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

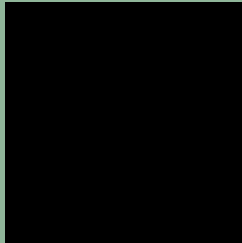
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1873, 0.3024, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 41.1873, 0.3024, 0.3707.



This preview shows how white text looks on a background with the Yxy color 41.1873, 0.3024, 0.3707.

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

41.1873, 0.3024, 0.3707

Protanopia

40.9672, 0.3410, 0.3607

Deuteranopia

40.7799, 0.3487, 0.3409



Tritanopia

41.2524, 0.2804, 0.3093

Trichromacy



Original Color

41.1873, 0.3024, 0.3707

Protanomaly

41.0774, 0.3263, 0.3645

Deuteranomaly

40.6063, 0.3301, 0.3513

Tritanomaly

41.2182, 0.2876, 0.3304

Monochromacy



Original Color

41.1873, 0.3024, 0.3707

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.9681, 0.3093, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1873, 0.3024, 0.3707 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(143, 181, 153)` looks like.

```
.text, #text, p{  
    color:rgb(143, 181, 153)  
}
```

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(143, 181, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 181, 153) }
```

Border

The CSS property to change the border of an element to Yxy 41.1873, 0.3024, 0.3707 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(143, 181, 153) }
```

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

```
.border{ border-color:rgb(143, 181, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 181, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 181, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 181, 153);  
box-shadow:4px 4px 4px 4px rgb(143, 181,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1873, 0.3024, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 181, 153) }
```

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

```
.background{ background-color: rgb(143,  
181, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor