

Converting Colors

$Yxy(40.8944, 0.3100, 0.3862)$

Have a look what the booklet for
Yxy(40.8944, 0.3100, 0.3862)
contains.

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Color

Yxy(40.8706, 0.3100, 0.3862)

Conversions

Conversions Part 1

Format	Color
Hex	8FB58F
RGB	143, 181, 143
RGB Percent	56%, 71%, 56%
CMY	0.4393, 0.2902, 0.4392
CMYK	0.21, 0.00, 0.21, 0.29
HSL	120°, 20%, 64%
HSV	120°, 21%, 71%
XYZ	32.8065, 40.8706, 32.1504
YIQ	165.3060, -10.4500, -19.8740

Conversions

Conversions Part 2

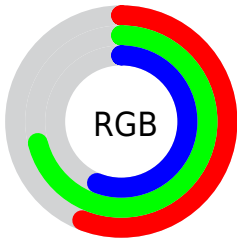
Format	Color
RYB	143, 181, 181
Decimal	9418127
CIELab	70.09, -20.32, 15.24
CIELCh	70, 25.404, 143.129
Yxy	40.8706, 0.3100, 0.3862
Android (android.graphics.Color)	4287608207 (0xFF8FB58F)
YUV	165.3060, -10.9969, -19.5624
Hunter-Lab	63.9301, -20.2782, 14.9342

Details

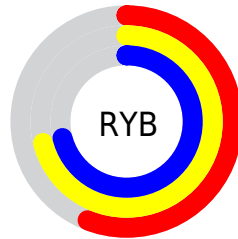
The Yxy color **40.8706, 0.3100, 0.3862** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.7967, 0.3152, 0.2777**, and the grayscale version is **37.8378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4699, 0.3106, 0.3747**, and **18.5040, 0.3081, 0.4040** is the 20% darker color. If you saturate the color by 10%, you get **38.8808, 0.3085, 0.4185**, and if you desaturate by 10%, it is **43.2129, 0.3114, 0.3571**.

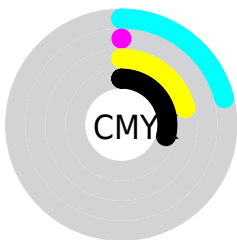
Distribution



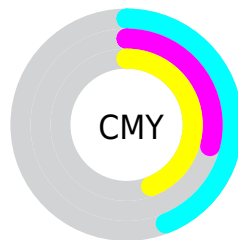
- Red (56%)
- Green (71%)
- Blue (56%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8706, 0.3100, 0.3862 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 40.8706, 0.3100, 0.3862 by changing the saturation by 10% instead.

 40.8706, 0.3100,
0.3862


 40.8706, 0.3100,
0.3862


349.7795, 0.3119,
0.3560

 28.2180, 0.3093,
0.3943


 76.4874, 0.3108,
0.3748

 18.4900, 0.3083,
0.4050


 100.2204, 0.3111,
0.3707

 11.3024, 0.3067,
0.4200


128.4157, 0.3113,
0.3672

 6.2706, 0.3039,
0.4420

161.4576, 0.3115,
0.3643

 3.0103, 0.2983,
0.4778

199.7305, 0.3116,
0.3618

 1.1371, 0.3051,
0.6139

243.6189, 0.3117,

 0.0094, 0.0000,

0.3596

1.0000

293.5071, 0.3118,
0.3577

■ 0.0000, 0.0000,
0.0000

■ 40.8706, 0.3100,
0.3862

■ 40.8706, 0.3100,
0.3862

■ 38.8808, 0.3085,
0.4185

■ 43.2129, 0.3114,
0.3571

■ 37.2215, 0.3068,
0.4531

■ 45.9180, 0.3126,
0.3314

■ 35.8765, 0.3052,
0.4886

■ 49.0023, 0.3137,
0.3091

■ 34.8258, 0.3036,
0.5228

■ 52.4796, 0.3146,
0.2898

■ 34.0475, 0.3021,
0.5531

■ 56.3632, 0.3154,
0.2732

■ 33.5164, 0.3010,
0.5768

■ 60.6655, 0.3161,
0.2591

■ 33.2028, 0.3003,
0.5921

■ 61.5316, 0.3161,
0.2566

■ 33.0520, 0.3000,
0.5999

Harmonies

Analogous

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



40.8706, 0.3466, 0.3957



40.8706, 0.3100, 0.3862



40.8706, 0.2755, 0.3581

Triad

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



40.8706, 0.3100, 0.3862



40.8706, 0.2526, 0.2724



40.8706, 0.3773, 0.3306

Complementary

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



40.8706, 0.3100, 0.3862



32.7967, 0.3152, 0.2777

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.



40.8706, 0.3493, 0.3017



40.8706, 0.3100, 0.3862



40.8706, 0.2769, 0.2690

Square

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



40.8706, 0.3100, 0.3862



40.8706, 0.2438, 0.2908



40.8706, 0.3120, 0.2797



40.8706, 0.3868, 0.3607

Rectangle

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



40.8706, 0.3100, 0.3862



40.8706, 0.2581, 0.3340



40.8706, 0.3120, 0.2797



40.8706, 0.3697, 0.3205

Sweetspot

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



40.8723, 0.3100, 0.3862



79.6813, 0.3120, 0.3441



44.8588, 0.3439, 0.3805



17.1557, 0.3119, 0.3457



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.



40.8723, 0.3100, 0.3862



71.5471, 0.3093, 0.4001



41.4971, 0.2957, 0.3570



9.4902, 0.3116, 0.3525



22.7828, 0.3000, 0.5999



0.7169, 0.2999, 0.5996

Inverse Universe

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



32.7967, 0.3152, 0.2777



54.5968, 0.3157, 0.2669



32.0700, 0.3340, 0.3026



8.6466, 0.3138, 0.3066



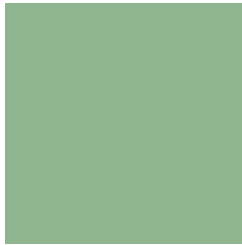
9.0671, 0.3212, 0.1543



0.2853, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 40.8706, 0.3100, 0.3862 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 40.8706, 0.3100, 0.3862 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 40.8706, 0.3100, 0.3862

Background



This preview shows how black text looks on a background with the Yxy color 40.8706, 0.3100, 0.3862.



This preview shows how white text looks on a background with the Yxy color 40.8706, 0.3100, 0.3862.

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

40.8706, 0.3100, 0.3862

Protanopia

40.7846, 0.3509, 0.3745

Deuteranopia

40.3620, 0.3604, 0.3528



Tritanopia

40.9134, 0.2818, 0.3093

Trichromacy



Original Color

40.8706, 0.3100, 0.3862

Protanomaly

40.7689, 0.3347, 0.3791

Deuteranomaly

40.1409, 0.3410, 0.3639

Tritanomaly

40.7187, 0.2921, 0.3362

Monochromacy



Original Color

40.8706, 0.3100, 0.3862

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.7282, 0.3118, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8706, 0.3100, 0.3862 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, 143)` looks like.

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

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, 143) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 40.8706, 0.3100, 0.3862 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, 143) }
```

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

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

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, 143) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 40.8706, 0.3100, 0.3862 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, 143) }
```

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

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

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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