

Converting Colors

$Y_{xy}(19.2179, 0.3402, 0.3154)$

Have a look what the booklet for
Yxy(19.2179, 0.3402, 0.3154)
contains.

Yxy(19.1906, 0.3397, 0.3151)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.1906, 0.3397, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	8E727A
RGB	142, 114, 122
RGB Percent	56%, 45%, 48%
CMY	0.4430, 0.5530, 0.5216
CMYK	0.00, 0.20, 0.14, 0.44
HSL	343°, 11%, 50%
HSV	343°, 20%, 56%
XYZ	20.6888, 19.1906, 21.0238
YIQ	123.2840, 14.1200, 8.4240

Conversions

Conversions Part 2

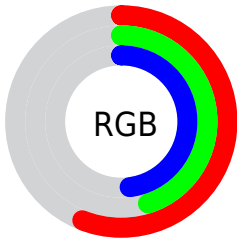
Format	Color
R_{YB}	142, 114, 122
Decimal	9335418
CIE _{Lab}	50.91, 12.37, -0.24
CIE _{LCh}	51, 12.370, 358.907
Yxy	19.1906, 0.3397, 0.3151
Android (android.graphics.Color)	4287525498 (0xFF8E727A)
YUV	123.2840, -0.6330, 16.4139
Hunter-Lab	43.8071, 7.6380, 2.2106

Details

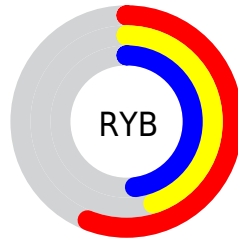
The Yxy color **19.1906, 0.3397, 0.3151** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.6537, 0.2914, 0.3434**, and the grayscale version is **19.9056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0642, 0.3338, 0.3188**, and **6.6016, 0.3513, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **15.9939, 0.3580, 0.3076**, and if you desaturate by 10%, it is **22.9128, 0.3247, 0.3224**.

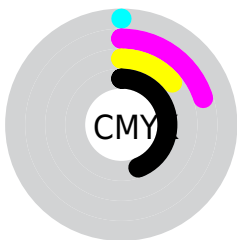
Distribution



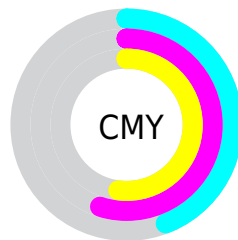
- Red (56%)
- Green (45%)
- Blue (48%)



- Red (56%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (44%)



- Cyan (44%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1906, 0.3397, 0.3151 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 19.1906, 0.3397, 0.3151 by changing the saturation by 10% instead.

■ 19.1906, 0.3397,
0.3151

■ 19.1906, 0.3397,
0.3151

247.4990, 0.3242,
0.3231

■ 11.8081, 0.3444,
0.3127

■ 42.0559, 0.3335,
0.3183

■ 6.6131, 0.3512,
0.3092

■ 58.3075, 0.3314,
0.3194

■ 3.2214, 0.3616,
0.3039

■ 78.2843, 0.3296,
0.3203

■ 1.2484, 0.3796,
0.2947

■ 102.3705, 0.3282,
0.3210

■ 0.1007, 0.6368,
0.1612

130.9508, 0.3269,
0.3217

■ 0.0000, 0.0000,
0.0000

164.4093, 0.3259,

0.3222

203.1306, 0.3250,
0.3227

■ 19.1906, 0.3397,
0.3151

■ 19.1906, 0.3397,
0.3151

■ 15.9939, 0.3580,
0.3076

■ 22.9128, 0.3247,
0.3224

■ 13.2965, 0.3801,
0.3001

■ 27.1802, 0.3124,
0.3292

■ 11.0737, 0.4064,
0.2932

■ 32.0144, 0.3024,
0.3355

■ 9.2976, 0.4370,
0.2875

■ 37.4353, 0.2941,
0.3413

■ 7.9376, 0.4712,
0.2840

■ 43.4618, 0.2873,
0.3466

■ 6.9591, 0.5074,
0.2839

■ 50.1117, 0.2817,
0.3515

■ 6.3216, 0.5429,
0.2879

■ 57.4025, 0.2771,
0.3559

■ 5.9201, 0.5754,
0.2946

■ 65.3505, 0.2732,
0.3599

■ 5.9102, 0.5762,
0.2948

■ 73.9718, 0.2699,
0.3636

Harmonies

Analogous

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



19.1906, 0.3172, 0.2995



19.1906, 0.3397, 0.3151



19.1906, 0.3551, 0.3345

Triad

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



19.1906, 0.3397, 0.3151



19.1906, 0.3303, 0.3700



19.1906, 0.2688, 0.3025

Complementary

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



19.1906, 0.3397, 0.3151



24.6537, 0.2914, 0.3434

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.



19.1906, 0.2721, 0.3211



19.1906, 0.3397, 0.3151



19.1906, 0.3070, 0.3614

Square

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



19.1906, 0.3397, 0.3151



19.1906, 0.3493, 0.3666



19.1906, 0.2858, 0.3430



19.1906, 0.2767, 0.2919

Rectangle

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



19.1906, 0.3397, 0.3151



19.1906, 0.3589, 0.3474



19.1906, 0.2858, 0.3430



19.1906, 0.2687, 0.3080

Sweetspot

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



19.1915, 0.3397, 0.3151



42.9927, 0.3200, 0.3249



19.0240, 0.3045, 0.2803



9.5126, 0.3207, 0.3245



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



19.1915, 0.3397, 0.3151



31.0325, 0.3480, 0.3115



20.3052, 0.3483, 0.3389



5.4478, 0.3240, 0.3227



5.3070, 0.5751, 0.2942



0.0541, 0.4697, 0.2361

Inverse Universe

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



19.1915, 0.3397, 0.3151



31.0325, 0.3480, 0.3115



23.2583, 0.2836, 0.3188



5.4478, 0.3240, 0.3227



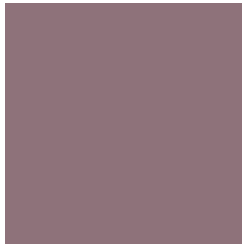
5.3070, 0.5751, 0.2942



0.0541, 0.4697, 0.2361

Previews

White Background



This preview shows how the Yxy color 19.1906, 0.3397, 0.3151 looks on a white background.

Color Contrast Check

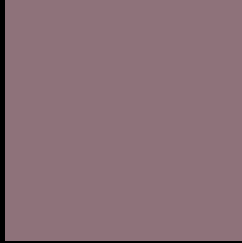
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1906, 0.3397, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

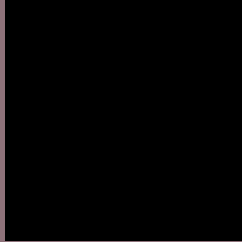
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1906, 0.3397, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 19.1906, 0.3397, 0.3151.



This preview shows how white text looks on a background with the Yxy color 19.1906, 0.3397, 0.3151.

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

19.1906, 0.3397, 0.3151

Protanopia

19.3187, 0.3083, 0.3197

Deuteranopia

19.3239, 0.3283, 0.3236



Tritanopia

19.2155, 0.3384, 0.3134

Trichromacy



Original Color

19.1906, 0.3397, 0.3151

Protanomaly

19.1047, 0.3184, 0.3162

Deuteranomaly

19.3373, 0.3324, 0.3219

Tritanomaly

19.2155, 0.3384, 0.3134

Monochromacy



Original Color

19.1906, 0.3397, 0.3151

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.6088, 0.3217, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1906, 0.3397, 0.3151 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(142, 114, 122)` looks like.

```
.text, #text, p{  
    color:rgb(142, 114, 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(142, 114, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 114, 122) }
```

Border

The CSS property to change the border of an element to Yxy 19.1906, 0.3397, 0.3151 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(142, 114, 122) }
```

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

```
.border{ border-color:rgb(142, 114, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 114, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 114, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 114, 122);  
box-shadow:4px 4px 4px 4px rgb(142, 114,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1906, 0.3397, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 114, 122) }
```

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

```
.background{ background-color: rgb(142,  
114, 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](#).

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