

Converting Colors

$Y_{xy}(18.8819, 0.3343, 0.2831)$

Have a look what the booklet for
Yxy(18.8819, 0.3343, 0.2831)
contains.

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Color

Yxy(18.9584, 0.3347, 0.2843)

Conversions

Conversions Part 1

Format	Color
Hex	966C87
RGB	150, 108, 135
RGB Percent	59%, 42%, 53%
CMY	0.4116, 0.5765, 0.4706
CMYK	0.00, 0.28, 0.10, 0.41
HSL	321°, 17%, 51%
HSV	321°, 28%, 59%
XYZ	22.3193, 18.9584, 25.4068
YIQ	123.6360, 16.3650, 17.3010

Conversions

Conversions Part 2

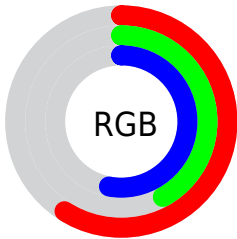
Format	Color
R_{YB}	150, 108, 135
Decimal	9858183
CIE _{Lab}	50.64, 21.24, -8.23
CIE _{LCh}	51, 22.779, 338.807
Yxy	18.9584, 0.3347, 0.2843
Android (android.graphics.Color)	4288048263 (0xFF966C87)
YUV	123.6360, 5.6025, 23.1212
Hunter-Lab	43.5412, 15.3022, -4.1175

Details

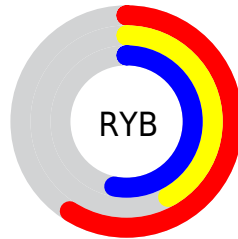
The Yxy color **18.9584, 0.3347, 0.2843** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.4436, 0.2958, 0.3784**, and the grayscale version is **20.0066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7516, 0.3303, 0.2946**, and **6.4843, 0.3429, 0.2681** is the 20% darker color. If you saturate the color by 10%, you get **15.9153, 0.3452, 0.2679**, and if you desaturate by 10%, it is **22.5554, 0.3257, 0.3007**.

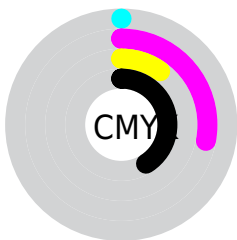
Distribution



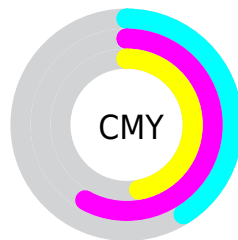
- Red (59%)
- Green (42%)
- Blue (53%)



- Red (59%)
- Yellow (42%)
- Blue (53%)



- Cyan (0%)
- Magenta (28%)
- Yellow (10%)
- Black (41%)





- Cyan (41%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9584, 0.3347, 0.2843 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 18.9584, 0.3347, 0.2843 by changing the saturation by 10% instead.


 18.9584, 0.3347,
0.2843


 18.9584, 0.3347,
0.2843

246.2190, 0.3225,
0.3092

 11.6402, 0.3383,
0.2771


 41.6638, 0.3299,
0.2940

 6.4992, 0.3432,
0.2671


 57.8198, 0.3282,
0.2975

 3.1509, 0.3504,
0.2525

 77.6905, 0.3268,
0.3003

 1.2110, 0.3621,
0.2290

 101.6604, 0.3257,
0.3026

 0.0707, 0.4474,
0.0540

130.1138, 0.3247,
0.3046

 0.0000, 0.0000,
0.0000

163.4351, 0.3238,

0.3064

202.0087, 0.3231,
0.3079

■ 18.9584, 0.3347,
0.2843

■ 18.9584, 0.3347,
0.2843

■ 15.9153, 0.3452,
0.2679

■ 22.5554, 0.3257,
0.3007

■ 13.3957, 0.3571,
0.2522

■ 26.7299, 0.3180,
0.3167

■ 11.3697, 0.3704,
0.2381


■ 31.5069, 0.3115,
0.3319

■ 9.8039, 0.3850,
0.2266


■ 36.9096, 0.3061,
0.3462

■ 8.6604, 0.4003,
0.2188


■ 42.9595, 0.3015,
0.3596


 7.8950, 0.4159,
0.2155


 49.6774, 0.2977,
0.3719

 7.4238, 0.4314,
0.2165

 57.0831, 0.2946,
0.3832

 7.3399, 0.4346,
0.2168

 65.1955, 0.2919,
0.3935

 74.0328, 0.2897,
0.4030

Harmonies

Analogous

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



18.9584, 0.2912, 0.2649



18.9584, 0.3347, 0.2843



18.9584, 0.3743, 0.3140

Triad

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



18.9584, 0.3347, 0.2843



18.9584, 0.3691, 0.4028



18.9584, 0.2356, 0.3001

Complementary

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



18.9584, 0.3347, 0.2843



26.4436, 0.2958, 0.3784

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.



18.9584, 0.2535, 0.3407



18.9584, 0.3347, 0.2843



18.9584, 0.3297, 0.4042

Square

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



18.9584, 0.3347, 0.2843



18.9584, 0.3942, 0.3810



18.9584, 0.2875, 0.3808



18.9584, 0.2366, 0.2716

Rectangle

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



18.9584, 0.3347, 0.2843



18.9584, 0.3917, 0.3369



18.9584, 0.2875, 0.3808



18.9584, 0.2395, 0.3128

Sweetspot

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



18.9593, 0.3347, 0.2843



47.0436, 0.3181, 0.3165



17.1144, 0.2823, 0.2544



10.1844, 0.3191, 0.3143



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



18.9593, 0.3347, 0.2843



29.7688, 0.3415, 0.2734



18.4314, 0.3628, 0.3184



5.8743, 0.3188, 0.3149



6.0902, 0.4335, 0.2162



0.0802, 0.3728, 0.1827

Inverse Universe

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



18.9593, 0.3347, 0.2843



29.7688, 0.3415, 0.2734



27.0186, 0.2783, 0.3400



5.8743, 0.3188, 0.3149



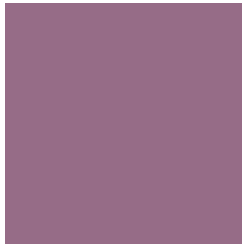
6.0902, 0.4335, 0.2162



0.0802, 0.3728, 0.1827

Previews

White Background



This preview shows how the Yxy color 18.9584, 0.3347, 0.2843 looks on a white background.

Color Contrast Check

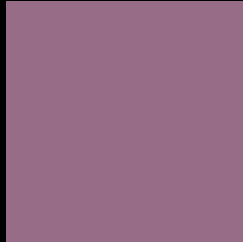
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9584, 0.3347, 0.2843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

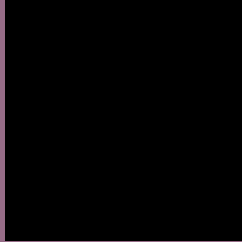
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.9584, 0.3347, 0.2843

Background



This preview shows how black text looks on a background with the Yxy color 18.9584, 0.3347, 0.2843.



This preview shows how white text looks on a background with the Yxy color 18.9584, 0.3347, 0.2843.

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

18.9584, 0.3347, 0.2843

Protanopia

19.1291, 0.2831, 0.2868

Deuteranopia

19.1623, 0.3066, 0.3018



Tritanopia

18.9967, 0.3525, 0.3154

Trichromacy



Original Color

18.9584, 0.3347, 0.2843

Protanomaly

18.9734, 0.3000, 0.2863

Deuteranomaly

18.9068, 0.3156, 0.2938

Tritanomaly

19.0221, 0.3461, 0.3037

Monochromacy



Original Color

18.9584, 0.3347, 0.2843

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.5019, 0.3198, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9584, 0.3347, 0.2843 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(150, 108, 135)` looks like.

```
.text, #text, p{  
    color:rgb(150, 108, 135)  
}
```

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(150, 108, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 108, 135) }
```

Border

The CSS property to change the border of an element to Yxy 18.9584, 0.3347, 0.2843 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(150, 108, 135) }
```

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

```
.border{ border-color:rgb(150, 108, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 108, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 108, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 108, 135); box-shadow:4px 4px 4px 4px rgb(150, 108, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9584, 0.3347, 0.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 108, 135) }
```

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

```
.background{ background-color: rgb(150,  
108, 135) }
```

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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