

Converting Colors

$Y_{xy}(19.1199, 0.3482, 0.2885)$

Have a look what the booklet for
Yxy(19.1199, 0.3482, 0.2885)
contains.

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Color

Yxy(19.0147, 0.3484, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	9C6A83
RGB	156, 106, 131
RGB Percent	61%, 42%, 51%
CMY	0.3882, 0.5843, 0.4863
CMYK	0.00, 0.32, 0.16, 0.39
HSL	330°, 20%, 51%
HSV	330°, 32%, 61%
XYZ	22.9626, 19.0147, 23.9315
YIQ	123.8000, 21.7750, 18.3750

Conversions

Conversions Part 2

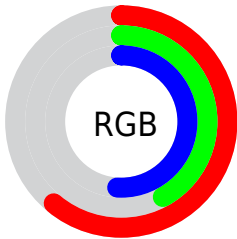
Format	Color
RYB	156, 106, 131
Decimal	10250883
CIELab	50.70, 23.89, -5.69
CIELCh	51, 24.558, 346.602
Yxy	19.0147, 0.3484, 0.2885
Android (android.graphics.Color)	4288440963 (0xFF9C6A83)
YUV	123.8000, 3.5496, 28.2394
Hunter-Lab	43.6058, 17.6870, -2.0151

Details

The Yxy color $19.0147, 0.3484, 0.2885$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $28.4843, 0.2877, 0.3736$, and the grayscale version is $20.0690, 0.3127, 0.3290$.

A 20% lighter version of the original color is $41.7633, 0.3401, 0.2975$, and $6.5784, 0.3626, 0.2728$ is the 20% darker color. If you saturate the color by 10%, you get $15.8836, 0.3642, 0.2756$, and if you desaturate by 10%, it is $22.7484, 0.3350, 0.3016$.

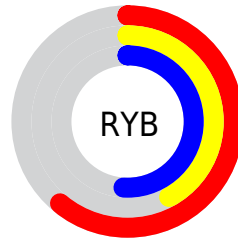
Distribution



Red (61%)

Green (42%)

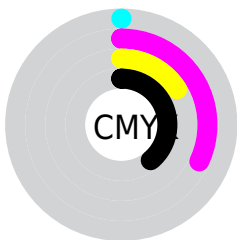
Blue (51%)



Red (61%)

Yellow (42%)

Blue (51%)

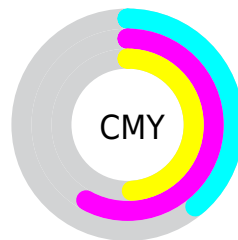


Cyan (0%)

Magenta (32%)

Yellow (16%)

Black (39%)



Cyan (39%)


Magenta (58%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0147, 0.3484, 0.2885 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 19.0147, 0.3484, 0.2885 by changing the saturation by 10% instead.


 19.0147, 0.3484,
0.2885


 19.0147, 0.3484,
0.2885


246.5299, 0.3282,
0.3111


 11.6809, 0.3544,
0.2819


 41.7589, 0.3404,
0.2974

 6.5268, 0.3629,
0.2727


 57.9382, 0.3376,
0.3005

 3.1680, 0.3756,
0.2591

 77.8347, 0.3353,
0.3031

 1.2200, 0.3968,
0.2371

 101.8328, 0.3334,
0.3052

 0.0780, 0.5397,
0.0640

130.3170, 0.3318,
0.3070

 0.0000, 0.0000,
0.0000

163.6717, 0.3305,

0.3086

202.2812, 0.3293,
0.3100

■ 19.0147, 0.3484,
0.2885

■ 19.0147, 0.3484,
0.2885

■ 15.8836, 0.3642,
0.2756

■ 22.7484, 0.3350,
0.3016

■ 13.3205, 0.3825,
0.2636

■ 27.1119, 0.3238,
0.3144

■ 11.2911, 0.4032,
0.2533


■ 32.1337, 0.3144,
0.3266


■ 9.7563, 0.4260,
0.2461


■ 37.8398, 0.3067,
0.3380


■ 8.6717, 0.4501,
0.2430


■ 44.2550, 0.3002,
0.3486

 7.9846, 0.4742,
0.2450

 51.4025, 0.2949,
0.3584

 7.6190, 0.4933,
0.2491

 59.3048, 0.2905,
0.3674

 67.9831, 0.2868,
0.3756

 77.4581, 0.2838,
0.3832

Harmonies

Analogous

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



19.0147, 0.3012, 0.2645



19.0147, 0.3484, 0.2885



19.0147, 0.3876, 0.3221

Triad

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



19.0147, 0.3484, 0.2885



19.0147, 0.3631, 0.4115



19.0147, 0.2284, 0.2881

Complementary

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



19.0147, 0.3484, 0.2885



28.4843, 0.2877, 0.3736

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.



19.0147, 0.2423, 0.3294



19.0147, 0.3484, 0.2885



19.0147, 0.3187, 0.4064

Square

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



19.0147, 0.3484, 0.2885



19.0147, 0.3954, 0.3922



19.0147, 0.2746, 0.3748



19.0147, 0.2347, 0.2622

Rectangle

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



19.0147, 0.3484, 0.2885



19.0147, 0.4022, 0.3468



19.0147, 0.2746, 0.3748



19.0147, 0.2308, 0.3005

Sweetspot

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



19.0156, 0.3484, 0.2885



50.8383, 0.3219, 0.3167



17.5342, 0.2857, 0.2442



10.9390, 0.3232, 0.3151



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



19.0156, 0.3484, 0.2885



30.6070, 0.3587, 0.2798



18.4175, 0.3837, 0.3292



6.6987, 0.3210, 0.3179



6.2816, 0.4917, 0.2482



0.1209, 0.4100, 0.2032

Inverse Universe

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



19.0156, 0.3484, 0.2885



30.6070, 0.3587, 0.2798



29.2460, 0.2680, 0.3289



6.6987, 0.3210, 0.3179



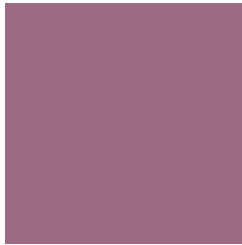
6.2816, 0.4917, 0.2482



0.1209, 0.4100, 0.2032

Previews

White Background



This preview shows how the Yxy color 19.0147, 0.3484, 0.2885 looks on a white background.

Color Contrast Check

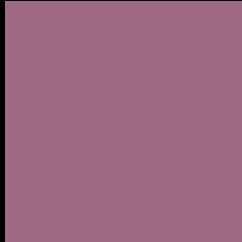
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0147, 0.3484, 0.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

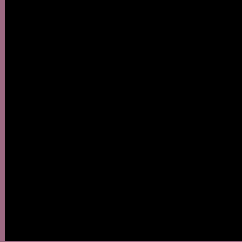
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0147, 0.3484, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 19.0147, 0.3484, 0.2885.



This preview shows how white text looks on a background with the Yxy color 19.0147, 0.3484, 0.2885.

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

19.0147, 0.3484, 0.2885

Protanopia

19.1779, 0.2884, 0.2923

Deuteranopia

19.2090, 0.3137, 0.3091



Tritanopia

19.0917, 0.3640, 0.3158

Trichromacy



Original Color

19.0147, 0.3484, 0.2885

Protanomaly

18.9731, 0.3083, 0.2901

Deuteranomaly

19.1353, 0.3256, 0.3011

Tritanomaly

19.0988, 0.3588, 0.3060

Monochromacy



Original Color

19.0147, 0.3484, 0.2885

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.4891, 0.3250, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0147, 0.3484, 0.2885 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(156, 106, 131)` looks like.

```
.text, #text, p{  
    color:rgb(156, 106, 131)  
}
```

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(156, 106, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 106, 131) }
```

Border

The CSS property to change the border of an element to Yxy 19.0147, 0.3484, 0.2885 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(156, 106, 131) }
```

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

```
.border{ border-color:rgb(156, 106, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 106, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 106, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 106, 131);  
box-shadow:4px 4px 4px 4px rgb(156, 106,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0147, 0.3484, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 106, 131) }
```

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

```
.background{ background-color: rgb(156,  
106, 131) }
```

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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