

Converting Colors

$Y_{xy}(19.0865, 0.3368, 0.2938)$

Have a look what the booklet for
Yxy(19.0865, 0.3368, 0.2938)
contains.

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Color

Yxy(19.0865, 0.3368, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	946E83
RGB	148, 110, 131
RGB Percent	58%, 43%, 51%
CMY	0.4197, 0.5685, 0.4863
CMYK	0.00, 0.26, 0.11, 0.42
HSL	327°, 15%, 51%
HSV	327°, 26%, 58%
XYZ	21.8800, 19.0865, 23.9978
YIQ	123.7560, 15.9070, 14.5870

Conversions

Conversions Part 2

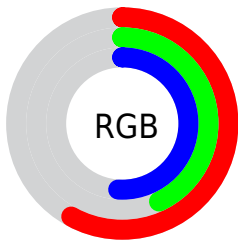
Format	Color
R_{YB}	148, 110, 131
Decimal	9727619
CIE _{Lab}	50.79, 18.56, -5.66
CIE _{LCh}	51, 19.399, 343.045
Yxy	19.0865, 0.3368, 0.2938
Android (android.graphics.Color)	4287917699 (0xFF946E83)
YUV	123.7560, 3.5713, 21.2620
Hunter-Lab	43.6881, 12.9426, -1.9862

Details

The Yxy color $19.0865, 0.3368, 0.2938$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $26.0180, 0.2942, 0.3671$, and the grayscale version is $20.0543, 0.3127, 0.3290$.

A 20% lighter version of the original color is $41.8579, 0.3309, 0.3016$, and $6.5958, 0.3465, 0.2795$ is the 20% darker color. If you saturate the color by 10%, you get $15.9820, 0.3494, 0.2795$, and if you desaturate by 10%, it is $22.7374, 0.3261, 0.3080$.

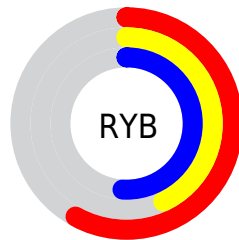
Distribution



Red (58%)

Green (43%)

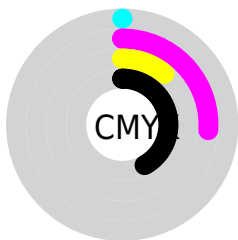
Blue (51%)



Red (58%)

Yellow (43%)

Blue (51%)

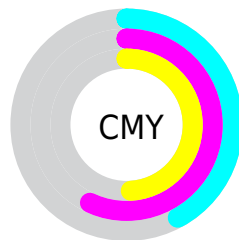


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (42%)



Cyan (42%)

Magenta (57%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0865, 0.3368, 0.2938 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 19.0865, 0.3368, 0.2938 by changing the saturation by 10% instead.


 19.0865, 0.3368,
0.2938


 19.0865, 0.3368,
0.2938


246.9259, 0.3232,
0.3135


 11.7328, 0.3408,
0.2880


 41.8802, 0.3314,
0.3016

 6.5620, 0.3465,
0.2800


 58.0890, 0.3295,
0.3043

 3.1897, 0.3550,
0.2680

 78.0183, 0.3280,
0.3065

 1.2316, 0.3691,
0.2484

 102.0525, 0.3267,
0.3084

 0.0873, 0.4812,
0.0784

130.5759, 0.3257,
0.3100

 0.0000, 0.0000,
0.0000

163.9730, 0.3247,

0.3113

202.6282, 0.3239,
0.3125

■ 19.0865, 0.3368,
0.2938

■ 19.0865, 0.3368,
0.2938

■ 15.9820, 0.3494,
0.2795

■ 22.7374, 0.3261,
0.3080

■ 13.3947, 0.3641,
0.2656

■ 26.9569, 0.3171,
0.3216

■ 11.2965, 0.3808,
0.2529

■ 31.7693, 0.3096,
0.3345

■ 9.6555, 0.3995,
0.2425

■ 37.1964, 0.3034,
0.3466

■ 8.4363, 0.4196,
0.2354

■ 43.2591, 0.2982,
0.3577

■ 7.5977, 0.4405,
0.2328

■ 49.9774, 0.2938,
0.3680

■ 7.0827, 0.4613,
0.2350

■ 57.3701, 0.2902,
0.3774

■ 6.8981, 0.4705,
0.2366

■ 65.4556, 0.2873,
0.3860

■ 74.2513, 0.2848,
0.3940

Harmonies

Analogous

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



19.0865, 0.2996, 0.2755



19.0865, 0.3368, 0.2938



19.0865, 0.3687, 0.3206

Triad

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



19.0865, 0.3368, 0.2938



19.0865, 0.3569, 0.3931



19.0865, 0.2456, 0.3007

Complementary

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



19.0865, 0.3368, 0.2938



26.0180, 0.2942, 0.3671

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.



19.0865, 0.2590, 0.3341



19.0865, 0.3368, 0.2938



19.0865, 0.3224, 0.3907

Square

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



19.0865, 0.3368, 0.2938



19.0865, 0.3802, 0.3773



19.0865, 0.2867, 0.3684



19.0865, 0.2488, 0.2778

Rectangle

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



19.0865, 0.3368, 0.2938



19.0865, 0.3817, 0.3406



19.0865, 0.2867, 0.3684



19.0865, 0.2483, 0.3110

Sweetspot

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



19.0874, 0.3368, 0.2938



45.6175, 0.3192, 0.3183



17.7643, 0.2892, 0.2622



10.1689, 0.3205, 0.3164



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.



19.0874, 0.3368, 0.2938



30.3075, 0.3441, 0.2852



18.6312, 0.3615, 0.3248



5.8658, 0.3201, 0.3168



5.9006, 0.4694, 0.2359



0.0782, 0.3912, 0.1929

Inverse Universe

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



19.0874, 0.3368, 0.2938



30.3075, 0.3441, 0.2852



26.5435, 0.2783, 0.3334



5.8658, 0.3201, 0.3168



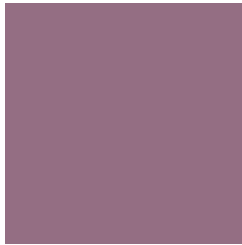
5.9006, 0.4694, 0.2359



0.0782, 0.3912, 0.1929

Previews

White Background



This preview shows how the Yxy color 19.0865, 0.3368, 0.2938 looks on a white background.

Color Contrast Check

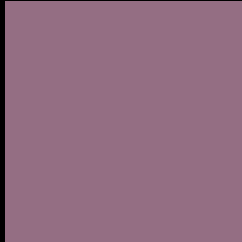
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0865, 0.3368, 0.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

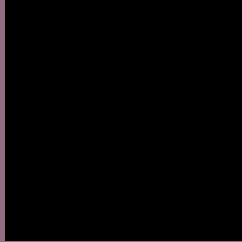
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0865, 0.3368, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 19.0865, 0.3368, 0.2938.



This preview shows how white text looks on a background with the Yxy color 19.0865, 0.3368, 0.2938.

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

19.0865, 0.3368, 0.2938

Protanopia

19.0906, 0.2915, 0.2975

Deuteranopia

19.2357, 0.3125, 0.3073



Tritanopia

19.1475, 0.3495, 0.3154

Trichromacy



Original Color

19.0865, 0.3368, 0.2938

Protanomaly

18.9072, 0.3068, 0.2949

Deuteranomaly

19.1074, 0.3216, 0.3025

Tritanomaly

19.0272, 0.3444, 0.3069

Monochromacy



Original Color

19.0865, 0.3368, 0.2938

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.7125, 0.3209, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0865, 0.3368, 0.2938 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(148, 110, 131)` looks like.

```
.text, #text, p{  
    color:rgb(148, 110, 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(148, 110, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 110, 131) }
```

Border

The CSS property to change the border of an element to Yxy 19.0865, 0.3368, 0.2938 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(148, 110, 131) }
```

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

```
.border{ border-color:rgb(148, 110, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 110, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 110, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 110, 131);  
box-shadow:4px 4px 4px 4px rgb(148, 110,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0865, 0.3368, 0.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 110, 131) }
```

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

```
.background{ background-color: rgb(148,  
110, 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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