

Converting Colors

$Y_{xy}(17.9511, 0.3166, 0.2776)$

Have a look what the booklet for
Yxy(17.9511, 0.3166, 0.2776)
contains.

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Color

Yxy(18.0491, 0.3164, 0.2773)

Conversions

Conversions Part 1

Format	Color
Hex	8B6C8A
RGB	139, 108, 138
RGB Percent	55%, 42%, 54%
CMY	0.4550, 0.5764, 0.4588
CMYK	0.00, 0.22, 0.01, 0.46
HSL	302°, 13%, 48%
HSV	302°, 22%, 54%
XYZ	20.5941, 18.0491, 26.4455
YIQ	120.6890, 8.8460, 15.9020

Conversions

Conversions Part 2

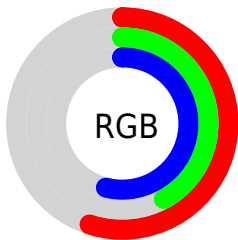
Format	Color
R_{YB}	139, 108, 138
Decimal	9137290
CIE _{Lab}	49.56, 17.74, -11.76
CIE _{LCh}	50, 21.286, 326.470
Yxy	18.0491, 0.3164, 0.2773
Android (android.graphics.Color)	4287327370 (0xFF8B6C8A)
YUV	120.6890, 8.5343, 16.0587
Hunter-Lab	42.4842, 12.1798, -7.1678

Details

The Yxy color **18.0491, 0.3164, 0.2773** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.7494, 0.3090, 0.3868**, and the grayscale version is **18.9848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2407, 0.3164, 0.2896**, and **6.0601, 0.3182, 0.2572** is the 20% darker color. If you saturate the color by 10%, you get **15.3355, 0.3182, 0.2540**, and if you desaturate by 10%, it is **21.2316, 0.3147, 0.3008**.

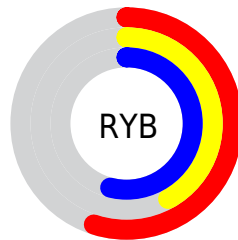
Distribution



Red (55%)

Green (42%)

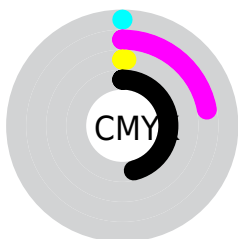
Blue (54%)



Red (55%)

Yellow (42%)

Blue (54%)

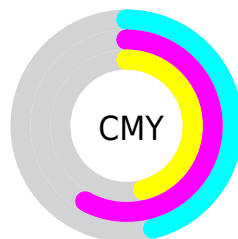


Cyan (0%)

Magenta (22%)

Yellow (1%)

Black (46%)



Cyan (46%)


Magenta (58%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0491, 0.3164, 0.2773 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 18.0491, 0.3164, 0.2773 by changing the saturation by 10% instead.


 18.0491, 0.3164,
0.2773

 18.0491, 0.3164,
0.2773


241.1477, 0.3147,
0.3062

 10.9852, 0.3167,
0.2689


 40.1210, 0.3158,
0.2886


 6.0569, 0.3170,
0.2573


 55.8978, 0.3156,
0.2926

 2.8797, 0.3171,
0.2402

 75.3477, 0.3154,
0.2959

 1.0693, 0.3164,
0.2127

 98.8551, 0.3152,
0.2986

 0.0000, 0.3346,
0.0000

126.8044, 0.3151,
0.3009

 0.0000, 0.0000,
0.0000

159.5800, 0.3149,

0.3029

197.5663, 0.3148,
0.3046

■ 18.0491, 0.3164,
0.2773

■ 18.0491, 0.3164,
0.2773

■ 15.3355, 0.3182,
0.2540

■ 21.2316, 0.3147,
0.3008

■ 13.0664, 0.3200,
0.2316

■ 24.9013, 0.3131,
0.3239

■ 11.2186, 0.3218,
0.2111


■ 29.0784, 0.3116,
0.3460

■ 9.7661, 0.3236,
0.1932


■ 33.7812, 0.3102,
0.3669


■ 8.6799, 0.3252,
0.1788


■ 39.0271, 0.3090,
0.3864

 7.9270, 0.3266,
0.1683


 44.8328, 0.3079,
0.4044

 7.4684, 0.3278,
0.1618

 51.2141, 0.3069,
0.4208

 7.2257, 0.3287,
0.1584

 58.1864, 0.3061,
0.4358

 65.7643, 0.3053,
0.4494

Harmonies

Analogous

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



18.0491, 0.2771, 0.2641



18.0491, 0.3164, 0.2773



18.0491, 0.3571, 0.3022

Triad

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



18.0491, 0.3164, 0.2773



18.0491, 0.3784, 0.3927



18.0491, 0.2441, 0.3167

Complementary

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



18.0491, 0.3164, 0.2773



22.7494, 0.3090, 0.3868

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.



18.0491, 0.2682, 0.3567



18.0491, 0.3164, 0.2773



18.0491, 0.3454, 0.4026

Square

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



18.0491, 0.3164, 0.2773



18.0491, 0.3940, 0.3668



18.0491, 0.3050, 0.3898



18.0491, 0.2375, 0.2838

Rectangle

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



18.0491, 0.3164, 0.2773



18.0491, 0.3785, 0.3231



18.0491, 0.3050, 0.3898



18.0491, 0.2504, 0.3298

Sweetspot

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



18.0499, 0.3164, 0.2773



41.2964, 0.3138, 0.3127



15.8130, 0.2772, 0.2694



9.4419, 0.3139, 0.3116



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.



18.0499, 0.3164, 0.2773



29.6536, 0.3173, 0.2648



17.6442, 0.3357, 0.3025



5.1263, 0.3142, 0.3081



6.5250, 0.3286, 0.1584



0.0437, 0.3245, 0.1561

Inverse Universe

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



18.0499, 0.3164, 0.2773



29.6536, 0.3173, 0.2648



23.1012, 0.2946, 0.3572



5.1263, 0.3142, 0.3081



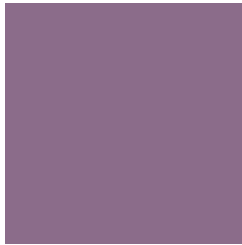
6.5250, 0.3286, 0.1584



0.0437, 0.3245, 0.1561

Previews

White Background



This preview shows how the Yxy color 18.0491, 0.3164, 0.2773 looks on a white background.

Color Contrast Check

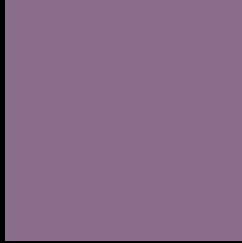
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 18.0491, 0.3164, 0.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

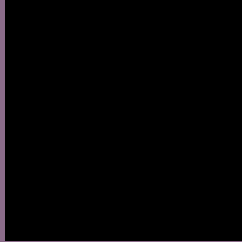
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0491, 0.3164, 0.2773

Background



This preview shows how black text looks on a background with the Yxy color 18.0491, 0.3164, 0.2773.



This preview shows how white text looks on a background with the Yxy color 18.0491, 0.3164, 0.2773.

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

18.0491, 0.3164, 0.2773

Protanopia

18.1809, 0.2773, 0.2788

Deuteranopia

18.1326, 0.2948, 0.2885



Tritanopia

17.9592, 0.3349, 0.3128

Trichromacy



Original Color

18.0491, 0.3164, 0.2773

Protanomaly

18.1252, 0.2905, 0.2782

Deuteranomaly

17.9837, 0.3034, 0.2840

Tritanomaly

18.0025, 0.3274, 0.2988

Monochromacy



Original Color

18.0491, 0.3164, 0.2773

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.6123, 0.3149, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0491, 0.3164, 0.2773 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(139, 108, 138)` looks like.

```
.text, #text, p{  
    color:rgb(139, 108, 138)  
}
```

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(139, 108, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 108, 138) }
```

Border

The CSS property to change the border of an element to Yxy 18.0491, 0.3164, 0.2773 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(139, 108, 138) }
```

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

```
.border{ border-color:rgb(139, 108, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 108, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 108, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 108, 138);  
box-shadow:4px 4px 4px 4px rgb(139, 108,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0491, 0.3164, 0.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 108, 138) }
```

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

```
.background{ background-color: rgb(139,  
108, 138) }
```

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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