

Converting Colors

$Y_{xy}(19.8774, 0.3249, 0.2858)$

Have a look what the booklet for
Yxy(19.8774, 0.3249, 0.2858)
contains.

Yxy(19.8774, 0.3249, 0.2858)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(19.8774, 0.3249, 0.2858)

Conversions

Conversions Part 1

Format	Color
Hex	93718B
RGB	147, 113, 139
RGB Percent	58%, 44%, 55%
CMY	0.4236, 0.5568, 0.4549
CMYK	0.00, 0.23, 0.05, 0.42
HSL	314°, 14%, 51%
HSV	314°, 23%, 58%
XYZ	22.5968, 19.8774, 27.0758
YIQ	126.1300, 11.9180, 15.2940

Conversions

Conversions Part 2

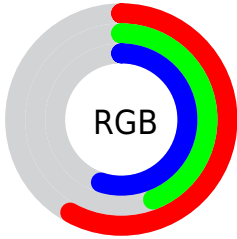
Format	Color
R_{YB}	147, 113, 139
Decimal	9662859
CIE _{Lab}	51.70, 17.94, -9.05
CIE _{LCh}	52, 20.095, 333.243
Yxy	19.8774, 0.3249, 0.2858
Android (android.graphics.Color)	4287852939 (0xFF93718B)
YUV	126.1300, 6.3449, 18.3030
Hunter-Lab	44.5841, 12.4481, -4.7979

Details

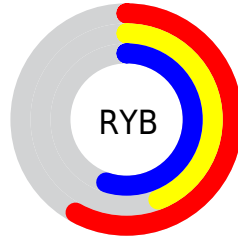
The Yxy color $19.8774, 0.3249, 0.2858$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $25.7549, 0.3025, 0.3765$, and the grayscale version is $20.8859, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.1335, 0.3225, 0.2956$, and $6.9887, 0.3294, 0.2703$ is the 20% darker color. If you saturate the color by 10%, you get $16.7603, 0.3315, 0.2666$, and if you desaturate by 10%, it is $23.5307, 0.3191, 0.3049$.

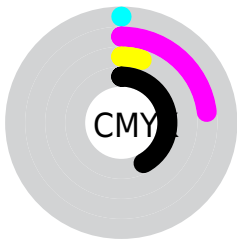
Distribution



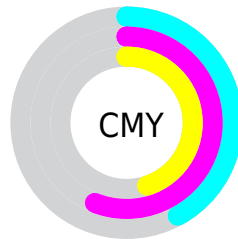
- Red (58%)
- Green (44%)
- Blue (55%)



- Red (58%)
- Yellow (44%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (42%)




- Cyan (42%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.8774, 0.3249, 0.2858 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 19.8774, 0.3249, 0.2858 by changing the saturation by 10% instead.


 19.8774, 0.3249,
0.2858


 19.8774, 0.3249,
0.2858


251.2506, 0.3183,
0.3097


 12.3060, 0.3267,
0.2789


 43.2115, 0.3224,
0.2951


 6.9524, 0.3292,
0.2695


 59.7430, 0.3215,
0.2984

 3.4324, 0.3327,
0.2557

 80.0300, 0.3207,
0.3011

 1.3614, 0.3381,
0.2337

 104.4568, 0.3201,
0.3034

 0.1880, 0.3756,
0.1145

133.4079, 0.3195,
0.3053

 0.0000, 0.0000,
0.0000

167.2676, 0.3191,

0.3070

206.4204, 0.3187,
0.3084

■ 19.8774, 0.3249,
0.2858

■ 19.8774, 0.3249,
0.2858

■ 16.7603, 0.3315,
0.2666

■ 23.5307, 0.3191,
0.3049

■ 14.1512, 0.3389,
0.2479

■ 27.7413, 0.3141,
0.3234

■ 12.0232, 0.3470,
0.2306

■ 32.5326, 0.3098,
0.3410

■ 10.3461, 0.3558,
0.2156

■ 37.9256, 0.3062,
0.3576

■ 9.0861, 0.3649,
0.2038

■ 43.9406, 0.3031,
0.3729

■ 8.2046, 0.3742,
0.1960

■ 50.5967, 0.3006,
0.3871

■ 7.6561, 0.3832,
0.1927

■ 57.9121, 0.2984,
0.4001

■ 7.3826, 0.3894,
0.1919

■ 65.9046, 0.2966,
0.4121

■ 74.5910, 0.2951,
0.4230

Harmonies

Analogous

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



19.8774, 0.2877, 0.2708



19.8774, 0.3249, 0.2858



19.8774, 0.3606, 0.3108

Triad

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



19.8774, 0.3249, 0.2858



19.8774, 0.3673, 0.3910



19.8774, 0.2469, 0.3103

Complementary

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



19.8774, 0.3249, 0.2858



25.7549, 0.3025, 0.3765

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.



19.8774, 0.2657, 0.3462



19.8774, 0.3249, 0.2858



19.8774, 0.3347, 0.3953

Square

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



19.8774, 0.3249, 0.2858



19.8774, 0.3856, 0.3702



19.8774, 0.2976, 0.3787



19.8774, 0.2445, 0.2827

Rectangle

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



19.8774, 0.3249, 0.2858



19.8774, 0.3778, 0.3307



19.8774, 0.2976, 0.3787



19.8774, 0.2514, 0.3218

Sweetspot

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



19.8783, 0.3249, 0.2858



46.5304, 0.3160, 0.3160



17.9785, 0.2839, 0.2680



10.5330, 0.3163, 0.3151



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.



19.8783, 0.3249, 0.2858



32.4415, 0.3284, 0.2753



19.4207, 0.3464, 0.3136



5.8861, 0.3171, 0.3122



6.4054, 0.3890, 0.1916



0.0829, 0.3518, 0.1711

Inverse Universe

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



19.8783, 0.3249, 0.2858



32.4415, 0.3284, 0.2753



26.2076, 0.2873, 0.3450



5.8861, 0.3171, 0.3122



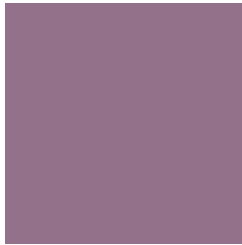
6.4054, 0.3890, 0.1916



0.0829, 0.3518, 0.1711

Previews

White Background



This preview shows how the Yxy color 19.8774, 0.3249, 0.2858 looks on a white background.

Color Contrast Check

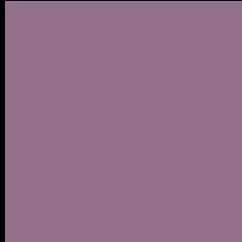
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8774, 0.3249, 0.2858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

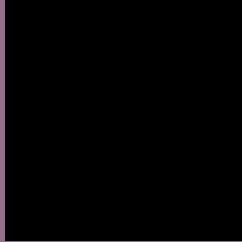
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.8774, 0.3249, 0.2858

Background



This preview shows how black text looks on a background with the Yxy color 19.8774, 0.3249, 0.2858.



This preview shows how white text looks on a background with the Yxy color 19.8774, 0.3249, 0.2858.

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

19.8774, 0.3249, 0.2858

Protanopia

19.8853, 0.2846, 0.2876

Deuteranopia

19.9350, 0.3033, 0.2970



Tritanopia

19.9912, 0.3393, 0.3137

Trichromacy



Original Color

19.8774, 0.3249, 0.2858

Protanomaly

19.8439, 0.2979, 0.2868

Deuteranomaly

19.7918, 0.3119, 0.2926

Tritanomaly

19.9842, 0.3345, 0.3036

Monochromacy



Original Color

19.8774, 0.3249, 0.2858

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.3818, 0.3172, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.8774, 0.3249, 0.2858 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(147, 113, 139)` looks like.

```
.text, #text, p{  
    color:rgb(147, 113, 139)  
}
```

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(147, 113, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 113, 139) }
```

Border

The CSS property to change the border of an element to Yxy 19.8774, 0.3249, 0.2858 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(147, 113, 139) }
```

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

```
.border{ border-color:rgb(147, 113, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 113, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 113, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 113, 139);  
box-shadow:4px 4px 4px 4px rgb(147, 113,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 19.8774, 0.3249, 0.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 113, 139) }
```

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

```
.background{ background-color: rgb(147,  
113, 139) }
```

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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