

Converting Colors

$Y_{xy}(18.0970, 0.3535, 0.3068)$

Have a look what the booklet for
Yxy(18.0970, 0.3535, 0.3068)
contains.

Yxy(18.1674, 0.3523, 0.3069)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.1674, 0.3523, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	946B78
RGB	148, 107, 120
RGB Percent	58%, 42%, 47%
CMY	0.4198, 0.5803, 0.5294
CMYK	0.00, 0.28, 0.19, 0.42
HSL	341°, 16%, 50%
HSV	341°, 28%, 58%
XYZ	20.8549, 18.1674, 20.1742
YIQ	120.7410, 20.2630, 12.7350

Conversions

Conversions Part 2

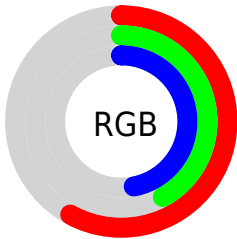
Format	Color
R_{YB}	148, 107, 120
Decimal	9726840
CIE Lab	49.70, 18.39, -0.75
CIE LCh	50, 18.405, 357.680
Yxy	18.1674, 0.3523, 0.3069
Android (android.graphics.Color)	4287916920 (0xFF946B78)
YUV	120.7410, -0.3653, 23.9061
Hunter-Lab	42.6232, 12.7468, 1.7735

Details

The Yxy color $18.1674, 0.3523, 0.3069$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $26.0438, 0.2845, 0.3524$, and the grayscale version is $19.0288, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.4713, 0.3436, 0.3127$, and $6.0826, 0.3678, 0.2960$ is the 20% darker color. If you saturate the color by 10%, you get $15.1091, 0.3727, 0.2985$, and if you desaturate by 10%, it is $21.7812, 0.3355, 0.3152$.

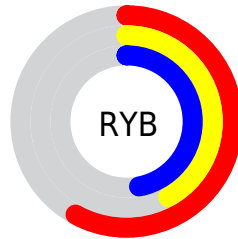
Distribution



Red (58%)

Green (42%)

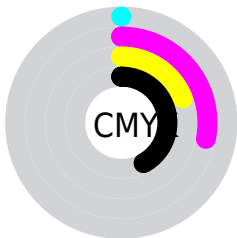
Blue (47%)



Red (58%)

Yellow (42%)

Blue (47%)

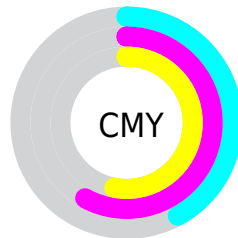


Cyan (0%)

Magenta (28%)

Yellow (19%)

Black (42%)



Cyan (42%)


Magenta (58%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1674, 0.3523, 0.3069 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 18.1674, 0.3523, 0.3069 by changing the saturation by 10% instead.


 18.1674, 0.3523,
0.3069


 18.1674, 0.3523,
0.3069


241.8129, 0.3295,
0.3196


 11.0702, 0.3594,
0.3030


 40.3224, 0.3431,
0.3120


 6.1141, 0.3695,
0.2974


 56.1490, 0.3399,
0.3138

 2.9146, 0.3852,
0.2888

 75.6541, 0.3374,
0.3152

 1.0873, 0.4127,
0.2739

 99.2223, 0.3352,
0.3164

 0.0000, 0.9636,
0.0000

127.2379, 0.3334,
0.3174

 0.0000, 0.0000,
0.0000

160.0853, 0.3319,

0.3182

198.1488, 0.3306,
0.3190

■ 18.1674, 0.3523,
0.3069

■ 18.1674, 0.3523,
0.3069

■ 15.1091, 0.3727,
0.2985

■ 21.7812, 0.3355,
0.3152

■ 12.5762, 0.3970,
0.2906

■ 25.9739, 0.3216,
0.3232

■ 10.5394, 0.4253,
0.2838


■ 30.7702, 0.3103,
0.3307


■ 8.9656, 0.4574,
0.2792


■ 36.1930, 0.3010,
0.3376


■ 7.8176, 0.4918,
0.2778


■ 42.2638, 0.2933,
0.3440


 7.0522, 0.5263,
0.2807

 49.0031, 0.2870,
0.3498

 6.5909, 0.5585,
0.2875

 56.4306, 0.2818,
0.3552

 6.4965, 0.5659,
0.2891

 64.5650, 0.2775,
0.3600

 73.4244, 0.2739,
0.3644

Harmonies

Analogous

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



18.1674, 0.3176, 0.2846



18.1674, 0.3523, 0.3069



18.1674, 0.3767, 0.3350

Triad

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



18.1674, 0.3523, 0.3069



18.1674, 0.3400, 0.3921



18.1674, 0.2473, 0.2893

Complementary

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



18.1674, 0.3523, 0.3069



26.0438, 0.2845, 0.3524

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.



18.1674, 0.2526, 0.3175



18.1674, 0.3523, 0.3069



18.1674, 0.3049, 0.3800

Square

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



18.1674, 0.3523, 0.3069



18.1674, 0.3688, 0.3849



18.1674, 0.2732, 0.3516



18.1674, 0.2581, 0.2738

Rectangle

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



18.1674, 0.3523, 0.3069



18.1674, 0.3829, 0.3543



18.1674, 0.2732, 0.3516



18.1674, 0.2472, 0.2975

Sweetspot

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



18.1682, 0.3523, 0.3069



45.4678, 0.3222, 0.3228



17.7512, 0.2987, 0.2588



10.1293, 0.3240, 0.3217



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.



18.1682, 0.3523, 0.3069



28.7254, 0.3640, 0.3019



19.3541, 0.3675, 0.3409



5.8439, 0.3236, 0.3220



5.5568, 0.5642, 0.2882



0.0729, 0.4579, 0.2296

Inverse Universe

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



18.1682, 0.3523, 0.3069



28.7254, 0.3640, 0.3019



24.3545, 0.2725, 0.3167



5.8439, 0.3236, 0.3220



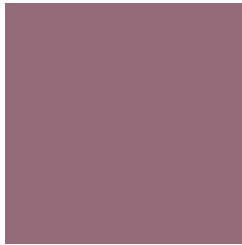
5.5568, 0.5642, 0.2882



0.0729, 0.4579, 0.2296

Previews

White Background



This preview shows how the Yxy color 18.1674, 0.3523, 0.3069 looks on a white background.

Color Contrast Check

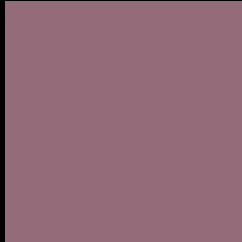
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1674, 0.3523, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

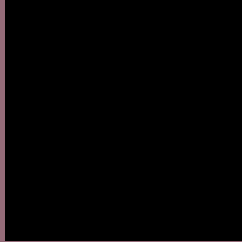
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1674, 0.3523, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 18.1674, 0.3523, 0.3069.



This preview shows how white text looks on a background with the Yxy color 18.1674, 0.3523, 0.3069.

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

18.1674, 0.3523, 0.3069

Protanopia

18.3148, 0.3035, 0.3138

Deuteranopia

18.3392, 0.3274, 0.3217



Tritanopia

18.1891, 0.3562, 0.3153

Trichromacy



Original Color

18.1674, 0.3523, 0.3069

Protanomaly

18.1570, 0.3201, 0.3106

Deuteranomaly

18.2386, 0.3373, 0.3165

Tritanomaly

18.2125, 0.3548, 0.3136

Monochromacy



Original Color

18.1674, 0.3523, 0.3069

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.6966, 0.3261, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1674, 0.3523, 0.3069 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, 107, 120)` looks like.

```
.text, #text, p{  
    color:rgb(148, 107, 120)  
}
```

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, 107, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 107, 120) }
```

Border

The CSS property to change the border of an element to Yxy 18.1674, 0.3523, 0.3069 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, 107, 120) }
```

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

```
.border{ border-color:rgb(148, 107, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 107, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 107, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 107, 120);  
box-shadow:4px 4px 4px 4px rgb(148, 107,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1674, 0.3523, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 107, 120) }
```

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

```
.background{ background-color: rgb(148,  
107, 120) }
```

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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