

Converting Colors

$Y_{xy}(18.6402, 0.3396, 0.3006)$

Have a look what the booklet for
Yxy(18.6402, 0.3396, 0.3006)
contains.

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Color

Yxy(18.6780, 0.3394, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	916E7E
RGB	145, 110, 126
RGB Percent	57%, 43%, 49%
CMY	0.4314, 0.5686, 0.5059
CMYK	0.00, 0.24, 0.13, 0.43
HSL	333°, 14%, 50%
HSV	333°, 24%, 57%
XYZ	21.0189, 18.6780, 22.2328
YIQ	122.2890, 15.7240, 12.3960

Conversions

Conversions Part 2

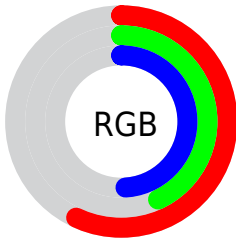
Format	Color
R_{YB}	145, 110, 126
Decimal	9531006
CIE _{Lab}	50.31, 16.55, -3.45
CIE _{LCh}	50, 16.906, 348.235
Yxy	18.6780, 0.3394, 0.3016
Android (android.graphics.Color)	4287721086 (0xFF916E7E)
YUV	122.2890, 1.8295, 19.9175
Hunter-Lab	43.2181, 11.1812, -0.2481

Details

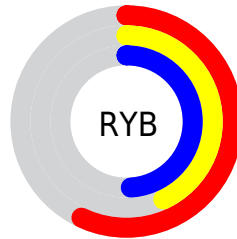
The Yxy color **18.6780, 0.3394, 0.3016** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.1529, 0.2922, 0.3582**, and the grayscale version is **19.5520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2374, 0.3327, 0.3075**, and **6.3608, 0.3509, 0.2907** is the 20% darker color. If you saturate the color by 10%, you get **15.6062, 0.3544, 0.2896**, and if you desaturate by 10%, it is **22.2796, 0.3269, 0.3133**.

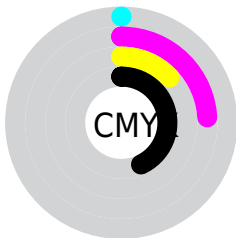
Distribution



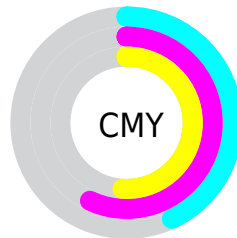
- Red (57%)
- Green (43%)
- Blue (49%)



- Red (57%)
- Yellow (43%)
- Blue (49%)



- Cyan (0%)
- Magenta (24%)
- Yellow (13%)
- Black (43%)





- Cyan (43%)
- Magenta (57%)
- Yellow (51%)
- Black (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.6780, 0.3394, 0.3016 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 18.6780, 0.3394, 0.3016 by changing the saturation by 10% instead.


 18.6780, 0.3394,
0.3016


 18.6780, 0.3394,
0.3016


244.6653, 0.3242,
0.3171


 11.4378, 0.3440,
0.2970


 41.1893, 0.3333,
0.3078


 6.3621, 0.3506,
0.2904


 57.2292, 0.3312,
0.3099

 3.0665, 0.3606,
0.2806

 76.9711, 0.3295,
0.3117

 1.1666, 0.3777,
0.2641

 100.7995, 0.3281,
0.3131

 0.0341, 0.5829,
0.0456

129.0988, 0.3269,
0.3143

 0.0000, 0.0000,
0.0000

162.2532, 0.3258,

0.3154

200.6473, 0.3249,
0.3163

■ 18.6780, 0.3394,
0.3016

■ 18.6780, 0.3394,
0.3016

■ 15.6062, 0.3544,
0.2896

■ 22.2796, 0.3269,
0.3133

■ 13.0363, 0.3720,
0.2780

■ 26.4319, 0.3165,
0.3246

■ 10.9420, 0.3925,
0.2672


■ 31.1580, 0.3079,
0.3351

■ 9.2931, 0.4158,
0.2585


■ 36.4787, 0.3007,
0.3449


■ 8.0564, 0.4413,
0.2528


■ 42.4138, 0.2948,
0.3539


 7.1936, 0.4679,
0.2515

 48.9823, 0.2899,
0.3622

 6.6577, 0.4943,
0.2551

 56.2023, 0.2859,
0.3698

 6.4163, 0.5099,
0.2582

 64.0911, 0.2825,
0.3767

 72.6655, 0.2797,
0.3831

Harmonies

Analogous

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



18.6780, 0.3069, 0.2837



18.6780, 0.3394, 0.3016



18.6780, 0.3654, 0.3263

Triad

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



18.6780, 0.3394, 0.3016



18.6780, 0.3470, 0.3861



18.6780, 0.2528, 0.3000

Complementary

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



18.6780, 0.3394, 0.3016



25.1529, 0.2922, 0.3582

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.



18.6780, 0.2623, 0.3283



18.6780, 0.3394, 0.3016



18.6780, 0.3159, 0.3805

Square

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



18.6780, 0.3394, 0.3016



18.6780, 0.3695, 0.3750



18.6780, 0.2851, 0.3587



18.6780, 0.2582, 0.2817

Rectangle

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



18.6780, 0.3394, 0.3016



18.6780, 0.3749, 0.3442



18.6780, 0.2851, 0.3587



18.6780, 0.2543, 0.3086

Sweetspot

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



18.6788, 0.3394, 0.3016



44.9897, 0.3194, 0.3212



17.8384, 0.2951, 0.2673



9.9250, 0.3199, 0.3207



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



18.6788, 0.3394, 0.3016



30.3266, 0.3473, 0.2951



18.5520, 0.3605, 0.3312



5.4625, 0.3215, 0.3190



5.5082, 0.5084, 0.2575



0.0570, 0.4145, 0.2057

Inverse Universe

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



18.6788, 0.3394, 0.3016



30.3266, 0.3473, 0.2951



25.2572, 0.2781, 0.3268



5.4625, 0.3215, 0.3190



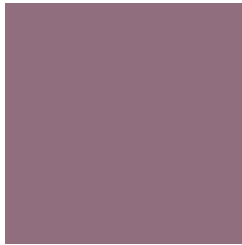
5.5082, 0.5084, 0.2575



0.0570, 0.4145, 0.2057

Previews

White Background



This preview shows how the Yxy color 18.6780, 0.3394, 0.3016 looks on a white background.

Color Contrast Check

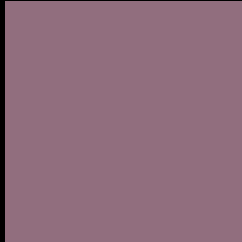
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.6780, 0.3394, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

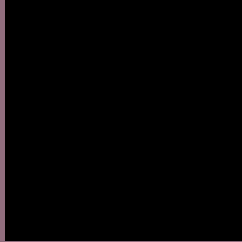
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.6780, 0.3394, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 18.6780, 0.3394, 0.3016.



This preview shows how white text looks on a background with the Yxy color 18.6780, 0.3394, 0.3016.

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

18.6780, 0.3394, 0.3016

Protanopia

18.7815, 0.2980, 0.3047

Deuteranopia

18.6386, 0.3186, 0.3125



Tritanopia

18.6542, 0.3457, 0.3134

Trichromacy



Original Color

18.6780, 0.3394, 0.3016

Protanomaly

18.6917, 0.3114, 0.3035

Deuteranomaly

18.6662, 0.3266, 0.3093

Tritanomaly

18.7033, 0.3431, 0.3100

Monochromacy



Original Color

18.6780, 0.3394, 0.3016

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.1328, 0.3220, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.6780, 0.3394, 0.3016 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(145, 110, 126)` looks like.

```
.text, #text, p{  
    color:rgb(145, 110, 126)  
}
```

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(145, 110, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 110, 126) }
```

Border

The CSS property to change the border of an element to Yxy 18.6780, 0.3394, 0.3016 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(145, 110, 126) }
```

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

```
.border{ border-color:rgb(145, 110, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 110, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 110, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 110, 126);  
box-shadow:4px 4px 4px 4px rgb(145, 110,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 18.6780, 0.3394, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 110, 126) }
```

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

```
.background{ background-color: rgb(145,  
110, 126) }
```

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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