

Converting Colors

$Y_{xy}(17.9000, 0.3457, 0.3067)$

Have a look what the booklet for
Yxy(17.9000, 0.3457, 0.3067)
contains.

Yxy(18.0105, 0.3466, 0.3082)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.0105, 0.3466, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	906C78
RGB	144, 108, 120
RGB Percent	56%, 42%, 47%
CMY	0.4353, 0.5765, 0.5295
CMYK	0.00, 0.25, 0.17, 0.44
HSL	340°, 14%, 49%
HSV	340°, 25%, 56%
XYZ	20.2545, 18.0105, 20.1727
YIQ	120.1320, 17.6040, 11.3640

Conversions

Conversions Part 2

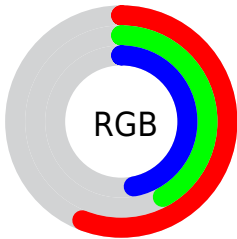
Format	Color
R_{YB}	144, 108, 120
Decimal	9464952
CIE _{Lab}	49.51, 16.29, -1.07
CIE _{LCh}	50, 16.321, 356.243
Yxy	18.0105, 0.3466, 0.3082
Android (android.graphics.Color)	4287655032 (0xFF906C78)
YUV	120.1320, -0.0651, 20.9322
Hunter-Lab	42.4388, 10.9238, 1.5245

Details

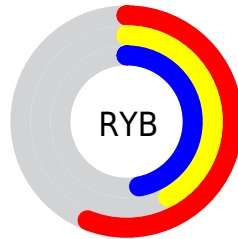
The Yxy color $18.0105, 0.3466, 0.3082$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $24.8040, 0.2876, 0.3509$, and the grayscale version is $18.8232, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.1259, 0.3385, 0.3137$, and $6.0268, 0.3607, 0.2978$ is the 20% darker color. If you saturate the color by 10%, you get $14.9987, 0.3654, 0.2994$, and if you desaturate by 10%, it is $21.5491, 0.3310, 0.3168$.

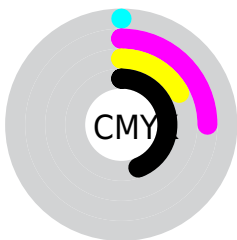
Distribution



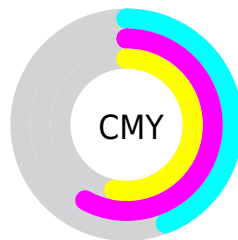
- Red (56%)
- Green (42%)
- Blue (47%)



- Red (56%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (25%)
- Yellow (17%)
- Black (44%)





- Cyan (44%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0105, 0.3466, 0.3082 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 18.0105, 0.3466, 0.3082 by changing the saturation by 10% instead.


 18.0105, 0.3466,
0.3082


 18.0105, 0.3466,
0.3082


240.9302, 0.3270,
0.3202


 10.9575, 0.3527,
0.3045


 40.0552, 0.3387,
0.3130


 6.0383, 0.3613,
0.2993


 55.8157, 0.3360,
0.3147

 2.8684, 0.3748,
0.2912

 75.2476, 0.3338,
0.3160

 1.0634, 0.3986,
0.2771

 98.7351, 0.3320,
0.3171

 0.0000, 0.9569,
0.0000

126.6628, 0.3304,
0.3181

 0.0000, 0.0000,
0.0000

159.4149, 0.3291,

0.3189

197.3759, 0.3280,
0.3196

■ 18.0105, 0.3466,
0.3082

■ 18.0105, 0.3466,
0.3082

■ 14.9987, 0.3654,
0.2994

■ 21.5491, 0.3310,
0.3168

■ 12.4860, 0.3879,
0.2909

■ 25.6356, 0.3182,
0.3251

■ 10.4457, 0.4144,
0.2833

■ 30.2931, 0.3077,
0.3328

■ 8.8479, 0.4445,
0.2776

■ 35.5424, 0.2991,
0.3399

■ 7.6588, 0.4775,
0.2749

■ 41.4033, 0.2920,
0.3464

■ 6.8400, 0.5114,
0.2763

■ 47.8949, 0.2861,
0.3524

■ 6.3407, 0.5437,
0.2822

■ 55.0352, 0.2813,
0.3579

■ 6.1428, 0.5593,
0.2855

■ 62.8416, 0.2772,
0.3629

■ 71.3309, 0.2738,
0.3674

Harmonies

Analogous

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



18.0105, 0.3156, 0.2884



18.0105, 0.3466, 0.3082



18.0105, 0.3688, 0.3334

Triad

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



18.0105, 0.3466, 0.3082



18.0105, 0.3386, 0.3850



18.0105, 0.2541, 0.2948

Complementary

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



18.0105, 0.3466, 0.3082



24.8040, 0.2876, 0.3509

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.



18.0105, 0.2596, 0.3204



18.0105, 0.3466, 0.3082



18.0105, 0.3074, 0.3750

Square

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



18.0105, 0.3466, 0.3082



18.0105, 0.3636, 0.3782



18.0105, 0.2787, 0.3504



18.0105, 0.2632, 0.2801

Rectangle

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



18.0105, 0.3466, 0.3082



18.0105, 0.3749, 0.3507



18.0105, 0.2787, 0.3504



18.0105, 0.2543, 0.3023

Sweetspot

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



18.0113, 0.3466, 0.3082



42.8243, 0.3220, 0.3225



17.6455, 0.3003, 0.2661



9.5873, 0.3237, 0.3214



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.



18.0113, 0.3466, 0.3082



28.6708, 0.3567, 0.3033



19.0482, 0.3607, 0.3397



5.4518, 0.3233, 0.3217



5.3526, 0.5579, 0.2847



0.0549, 0.4523, 0.2265

Inverse Universe

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



18.0113, 0.3466, 0.3082



28.6708, 0.3567, 0.3033



23.3812, 0.2762, 0.3180



5.4518, 0.3233, 0.3217



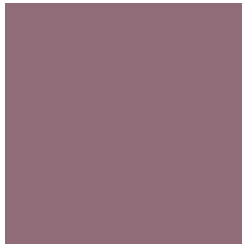
5.3526, 0.5579, 0.2847



0.0549, 0.4523, 0.2265

Previews

White Background



This preview shows how the Yxy color 18.0105, 0.3466, 0.3082 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 18.0105, 0.3466, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

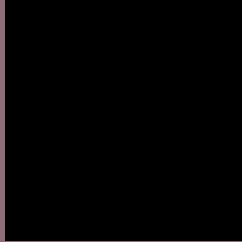
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0105, 0.3466, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 18.0105, 0.3466, 0.3082.



This preview shows how white text looks on a background with the Yxy color 18.0105, 0.3466, 0.3082.

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

18.0105, 0.3466, 0.3082

Protanopia

18.0548, 0.3047, 0.3137

Deuteranopia

18.0337, 0.3263, 0.3198



Tritanopia

18.1509, 0.3504, 0.3151

Trichromacy



Original Color

18.0105, 0.3466, 0.3082

Protanomaly

17.9767, 0.3187, 0.3123

Deuteranomaly

17.9886, 0.3333, 0.3163

Tritanomaly

18.1746, 0.3490, 0.3134

Monochromacy



Original Color

18.0105, 0.3466, 0.3082

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.5140, 0.3247, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0105, 0.3466, 0.3082 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(144, 108, 120)` looks like.

```
.text, #text, p{  
    color:rgb(144, 108, 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(144, 108, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 108, 120) }
```

Border

The CSS property to change the border of an element to Yxy 18.0105, 0.3466, 0.3082 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(144, 108, 120) }
```

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

```
.border{ border-color:rgb(144, 108, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 108, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 108, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 108, 120);  
box-shadow:4px 4px 4px 4px rgb(144, 108,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0105, 0.3466, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 108, 120) }
```

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

```
.background{ background-color: rgb(144,  
108, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor