

Converting Colors

$Y_{xy}(18.0641, 0.3429, 0.3095)$

Have a look what the booklet for
Yxy(18.0641, 0.3429, 0.3095)
contains.

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Color

Yxy(18.0441, 0.3436, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	8E6D78
RGB	142, 109, 120
RGB Percent	56%, 43%, 47%
CMY	0.4430, 0.5726, 0.5294
CMYK	0.00, 0.23, 0.16, 0.44
HSL	340°, 13%, 49%
HSV	340°, 23%, 56%
XYZ	20.0192, 18.0441, 20.1998
YIQ	120.1210, 16.1370, 10.4170

Conversions

Conversions Part 2

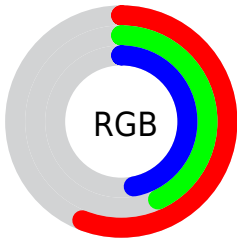
Format	Color
R_{YB}	142, 109, 120
Decimal	9334136
CIE Lab	49.55, 14.95, -1.05
CIE LCh	50, 14.986, 355.981
Yxy	18.0441, 0.3436, 0.3097
Android (android.graphics.Color)	4287524216 (0xFF8E6D78)
YUV	120.1210, -0.0597, 19.1879
Hunter-Lab	42.4783, 9.7865, 1.5405

Details

The Yxy color $18.0441, 0.3436, 0.3097$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $24.2466, 0.2892, 0.3492$, and the grayscale version is $18.8207, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.2041, 0.3364, 0.3149$, and $6.0295, 0.3559, 0.3000$ is the 20% darker color. If you saturate the color by 10%, you get $15.0372, 0.3618, 0.3009$, and if you desaturate by 10%, it is $21.5651, 0.3286, 0.3183$.

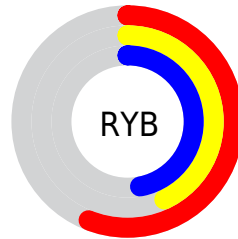
Distribution



Red (56%)

Green (43%)

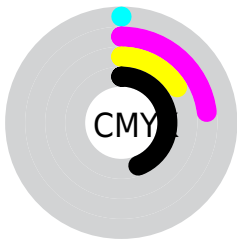
Blue (47%)



Red (56%)

Yellow (43%)

Blue (47%)

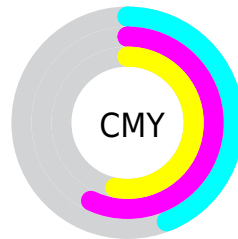


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (44%)



Cyan (44%)


Magenta (57%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0441, 0.3436, 0.3097 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 18.0441, 0.3436, 0.3097 by changing the saturation by 10% instead.


 18.0441, 0.3436,
0.3097


 18.0441, 0.3436,
0.3097


241.1195, 0.3258,
0.3208


 10.9817, 0.3491,
0.3063


 40.1125, 0.3364,
0.3142


 6.0545, 0.3570,
0.3014


 55.8872, 0.3339,
0.3157

 2.8782, 0.3693,
0.2939

 75.3347, 0.3319,
0.3170

 1.0685, 0.3910,
0.2808

 98.8396, 0.3303,
0.3180

 0.0000, 0.9432,
0.0000

126.7861, 0.3289,
0.3189

 0.0000, 0.0000,
0.0000

159.5586, 0.3277,

0.3196

197.5416, 0.3267,
0.3202

■ 18.0441, 0.3436,
0.3097

■ 18.0441, 0.3436,
0.3097

■ 15.0372, 0.3618,
0.3009

■ 21.5651, 0.3286,
0.3183

■ 12.5177, 0.3836,
0.2923

■ 25.6202, 0.3162,
0.3265

■ 10.4605, 0.4092,
0.2845


■ 30.2315, 0.3061,
0.3341

■ 8.8368, 0.4387,
0.2784


■ 35.4190, 0.2978,
0.3411

■ 7.6150, 0.4711,
0.2750


■ 41.2017, 0.2909,
0.3475

 6.7589, 0.5049,
0.2755

 47.5977, 0.2853,
0.3534

 6.2256, 0.5376,
0.2807

 54.6245, 0.2806,
0.3588

 5.9623, 0.5587,
0.2852

 62.2988, 0.2766,
0.3637

 70.6366, 0.2734,
0.3682

Harmonies

Analogous

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



18.0441, 0.3152, 0.2915



18.0441, 0.3436, 0.3097



18.0441, 0.3640, 0.3330

Triad

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



18.0441, 0.3436, 0.3097



18.0441, 0.3368, 0.3803



18.0441, 0.2587, 0.2979

Complementary

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



18.0441, 0.3436, 0.3097



24.2466, 0.2892, 0.3492

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.



18.0441, 0.2639, 0.3215



18.0441, 0.3436, 0.3097



18.0441, 0.3082, 0.3711

Square

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



18.0441, 0.3436, 0.3097



18.0441, 0.3596, 0.3742



18.0441, 0.2817, 0.3489



18.0441, 0.2670, 0.2841

Rectangle

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



18.0441, 0.3436, 0.3097



18.0441, 0.3697, 0.3490



18.0441, 0.2817, 0.3489



18.0441, 0.2589, 0.3049

Sweetspot

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



18.0449, 0.3436, 0.3097



42.2682, 0.3207, 0.3233



17.6717, 0.3007, 0.2707



9.3633, 0.3213, 0.3230



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.



18.0449, 0.3436, 0.3097



28.8764, 0.3528, 0.3050



18.8801, 0.3568, 0.3379



5.4519, 0.3233, 0.3217



5.3534, 0.5576, 0.2845



0.0550, 0.4520, 0.2264

Inverse Universe

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



18.0449, 0.3436, 0.3097



28.8764, 0.3528, 0.3050



23.1185, 0.2788, 0.3199



5.4519, 0.3233, 0.3217



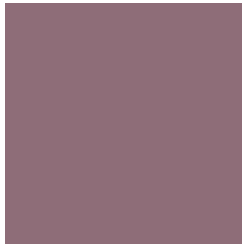
5.3534, 0.5576, 0.2845



0.0550, 0.4520, 0.2264

Previews

White Background



This preview shows how the Yxy color 18.0441, 0.3436, 0.3097 looks on a white background.

Color Contrast Check

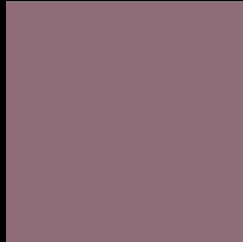
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0441, 0.3436, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

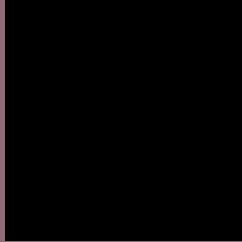
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0441, 0.3436, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 18.0441, 0.3436, 0.3097.



This preview shows how white text looks on a background with the Yxy color 18.0441, 0.3436, 0.3097.

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

18.0441, 0.3436, 0.3097

Protanopia

18.0548, 0.3047, 0.3137

Deuteranopia

18.0337, 0.3263, 0.3198



Tritanopia

17.9961, 0.3463, 0.3132

Trichromacy



Original Color

18.0441, 0.3436, 0.3097

Protanomaly

17.9767, 0.3187, 0.3123

Deuteranomaly

17.9886, 0.3333, 0.3163

Tritanomaly

18.0200, 0.3449, 0.3115

Monochromacy



Original Color

18.0441, 0.3436, 0.3097

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.4360, 0.3234, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0441, 0.3436, 0.3097 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(142, 109, 120)` looks like.

```
.text, #text, p{  
    color:rgb(142, 109, 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(142, 109, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 109, 120) }
```

Border

The CSS property to change the border of an element to Yxy 18.0441, 0.3436, 0.3097 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(142, 109, 120) }
```

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

```
.border{ border-color:rgb(142, 109, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 109, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 109, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 109, 120);  
box-shadow:4px 4px 4px 4px rgb(142, 109,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0441, 0.3436, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 109, 120) }
```

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

```
.background{ background-color: rgb(142,  
109, 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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