

Converting Colors

$Y_{xy}(16.9290, 0.3379, 0.3093)$

Have a look what the booklet for
Yxy(16.9290, 0.3379, 0.3093)
contains.

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Color

Yxy(16.9743, 0.3371, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	876B76
RGB	135, 107, 118
RGB Percent	53%, 42%, 46%
CMY	0.4706, 0.5804, 0.5372
CMYK	0.00, 0.21, 0.13, 0.47
HSL	336°, 12%, 47%
HSV	336°, 21%, 53%
XYZ	18.5179, 16.9743, 19.4408
YIQ	116.6260, 13.1570, 9.3570

Conversions

Conversions Part 2

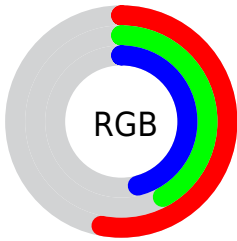
Format	Color
R_{YB}	135, 107, 118
Decimal	8874870
CIE Lab	48.23, 13.02, -1.88
CIE LCh	48, 13.152, 351.771
Yxy	16.9743, 0.3371, 0.3090
Android (android.graphics.Color)	4287064950 (0xFF876B76)
YUV	116.6260, 0.6774, 16.1140
Hunter-Lab	41.1999, 8.1298, 0.8630

Details

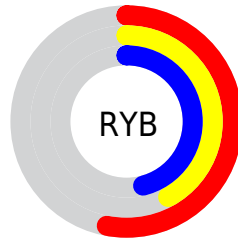
The Yxy color **16.9743, 0.3371, 0.3090** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.9057, 0.2934, 0.3500**, and the grayscale version is **17.6625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1748, 0.3320, 0.3131**, and **5.5014, 0.3480, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **14.1900, 0.3527, 0.2988**, and if you desaturate by 10%, it is **20.2165, 0.3241, 0.3189**.

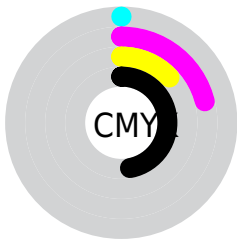
Distribution



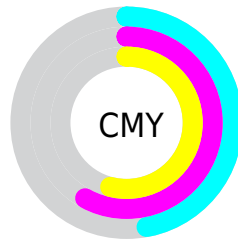
- Red (53%)
- Green (42%)
- Blue (46%)



- Red (53%)
- Yellow (42%)
- Blue (46%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (47%)




- Cyan (47%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.9743, 0.3371, 0.3090 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 16.9743, 0.3371, 0.3090 by changing the saturation by 10% instead.


 16.9743, 0.3371,
0.3090


 16.9743, 0.3371,
0.3090


235.0242, 0.3229,
0.3206


 10.2162, 0.3415,
0.3054


 38.2816, 0.3314,
0.3137


 5.5425, 0.3480,
0.3003

 53.5995, 0.3294,
0.3153

 2.5690, 0.3580,
0.2923

 72.5395, 0.3278,
0.3166

 0.9111, 0.3761,
0.2782

 95.4860, 0.3265,
0.3176

 0.0000, 1.0000,
0.0000

122.8233, 0.3254,
0.3185

 0.0000, 0.0000,
0.0000

154.9358, 0.3244,

0.3193

192.2080, 0.3236,
0.3200

■ 16.9743, 0.3371,
0.3090

■ 16.9743, 0.3371,
0.3090

■ 14.1900, 0.3527,
0.2988

■ 20.2165, 0.3241,
0.3189

■ 11.8405, 0.3714,
0.2886

■ 23.9338, 0.3134,
0.3283

■ 9.9042, 0.3933,
0.2790

■ 28.1452, 0.3046,
0.3371

■ 8.3568, 0.4186,
0.2709

■ 32.8679, 0.2973,
0.3452

■ 7.1712, 0.4468,
0.2654

■ 38.1185, 0.2912,
0.3527

■ 6.3170, 0.4769,
0.2636

■ 43.9128, 0.2862,
0.3595

■ 5.7586, 0.5070,
0.2664

■ 50.2657, 0.2821,
0.3657

■ 5.4073, 0.5344,
0.2718

■ 57.1918, 0.2786,
0.3715

■ 64.7050, 0.2757,
0.3767

Harmonies

Analogous

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



16.9743, 0.3113, 0.2934



16.9743, 0.3371, 0.3090



16.9743, 0.3567, 0.3297

Triad

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



16.9743, 0.3371, 0.3090



16.9743, 0.3378, 0.3748



16.9743, 0.2640, 0.3038

Complementary

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



16.9743, 0.3371, 0.3090



21.9057, 0.2934, 0.3500

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.



16.9743, 0.2705, 0.3258



16.9743, 0.3371, 0.3090



16.9743, 0.3125, 0.3685

Square

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



16.9743, 0.3371, 0.3090



16.9743, 0.3568, 0.3679



16.9743, 0.2879, 0.3500



16.9743, 0.2698, 0.2898

Rectangle

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



16.9743, 0.3371, 0.3090



16.9743, 0.3632, 0.3442



16.9743, 0.2879, 0.3500



16.9743, 0.2648, 0.3104

Sweetspot

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



16.9751, 0.3371, 0.3090



39.1615, 0.3190, 0.3233



16.5359, 0.3005, 0.2774



8.9863, 0.3195, 0.3228



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



16.9751, 0.3371, 0.3090



27.8945, 0.3443, 0.3041



17.3216, 0.3512, 0.3343



4.7168, 0.3223, 0.3205



4.9897, 0.5335, 0.2713



0.0187, 0.4327, 0.2157

Inverse Universe

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



16.9751, 0.3371, 0.3090



27.8945, 0.3443, 0.3041



21.4291, 0.2826, 0.3237



4.7168, 0.3223, 0.3205



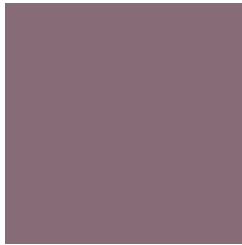
4.9897, 0.5335, 0.2713



0.0187, 0.4327, 0.2157

Previews

White Background



This preview shows how the Yxy color 16.9743, 0.3371, 0.3090 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 16.9743, 0.3371, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

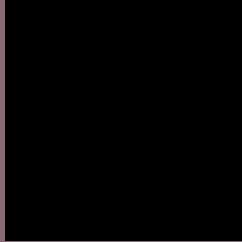
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.9743, 0.3371, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 16.9743, 0.3371, 0.3090.



This preview shows how white text looks on a background with the Yxy color 16.9743, 0.3371, 0.3090.

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

16.9743, 0.3371, 0.3090

Protanopia

17.0846, 0.3045, 0.3134

Deuteranopia

17.0132, 0.3240, 0.3176



Tritanopia

16.9272, 0.3398, 0.3126

Trichromacy



Original Color

16.9743, 0.3371, 0.3090

Protanomaly

16.8869, 0.3149, 0.3099

Deuteranomaly

17.1033, 0.3296, 0.3159

Tritanomaly

16.9506, 0.3385, 0.3108

Monochromacy



Original Color

16.9743, 0.3371, 0.3090

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.3797, 0.3223, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9743, 0.3371, 0.3090 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(135, 107, 118)` looks like.

```
.text, #text, p{  
    color:rgb(135, 107, 118)  
}
```

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(135, 107, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 107, 118) }
```

Border

The CSS property to change the border of an element to Yxy 16.9743, 0.3371, 0.3090 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(135, 107, 118) }
```

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

```
.border{ border-color:rgb(135, 107, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 107, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 107, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 107, 118);  
box-shadow:4px 4px 4px 4px rgb(135, 107,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9743, 0.3371, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 107, 118) }
```

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

```
.background{ background-color: rgb(135,  
107, 118) }
```

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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