

Converting Colors

$Y_{xy}(18.0759, 0.3029, 0.2693)$

Have a look what the booklet for
Yxy(18.0759, 0.3029, 0.2693)
contains.

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Color

Yxy(18.0192, 0.3028, 0.2684)

Conversions

Conversions Part 1

Format	Color
Hex	866D90
RGB	134, 109, 144
RGB Percent	53%, 43%, 56%
CMY	0.4747, 0.5725, 0.4353
CMYK	0.07, 0.24, 0.00, 0.44
HSL	283°, 14%, 50%
HSV	283°, 24%, 56%
XYZ	20.3287, 18.0192, 28.7878
YIQ	120.4650, 3.6650, 16.1850

Conversions

Conversions Part 2

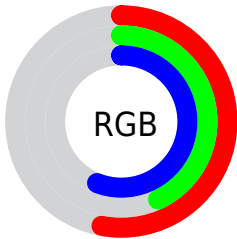
Format	Color
R_{YB}	134, 109, 144
Decimal	8809872
CIE _{Lab}	49.52, 16.60, -15.40
CIE _{LCh}	50, 22.647, 317.154
Yxy	18.0192, 0.3028, 0.2684
Android (android.graphics.Color)	4286999952 (0xFF866D90)
YUV	120.4650, 11.6028, 11.8702
Hunter-Lab	42.4490, 11.1971, -10.4945

Details

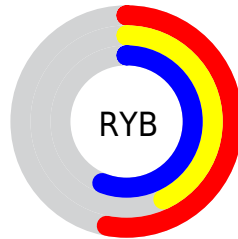
The Yxy color **18.0192, 0.3028, 0.2684** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.9734, 0.3202, 0.3930**, and the grayscale version is **18.8996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1318, 0.3049, 0.2817**, and **6.0305, 0.2969, 0.2437** is the 20% darker color. If you saturate the color by 10%, you get **14.8621, 0.2975, 0.2420**, and if you desaturate by 10%, it is **21.6944, 0.3074, 0.2942**.

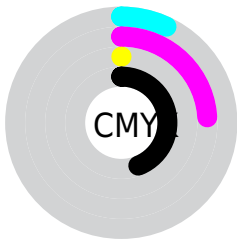
Distribution



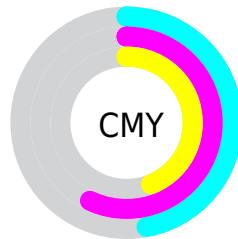
- Red (53%)
- Green (43%)
- Blue (56%)



- Red (53%)
- Yellow (43%)
- Blue (56%)



- Cyan (7%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)





- Cyan (47%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0192, 0.3028, 0.2684 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 18.0192, 0.3028, 0.2684 by changing the saturation by 10% instead.


 18.0192, 0.3028,
0.2684


 18.0192, 0.3028,
0.2684


240.9792, 0.3090,
0.3021


 10.9638, 0.3007,
0.2587


 40.0700, 0.3054,
0.2816


 6.0425, 0.2975,
0.2453


 55.8342, 0.3063,
0.2862

 2.8709, 0.2923,
0.2258

 75.2702, 0.3070,
0.2900

 1.0647, 0.2826,
0.1950

 98.7622, 0.3075,
0.2932

 0.0000, 0.2581,
0.0000

126.6947, 0.3080,
0.2960

 0.0000, 0.0000,
0.0000

159.4521, 0.3084,

0.2983

197.4188, 0.3087,
0.3003

■ 18.0192, 0.3028,
0.2684

■ 18.0192, 0.3028,
0.2684

■ 14.8621, 0.2975,
0.2420

■ 21.6944, 0.3074,
0.2942

■ 12.1961, 0.2914,
0.2157

■ 25.9084, 0.3113,
0.3189

■ 9.9955, 0.2847,
0.1906

■ 30.6834, 0.3145,
0.3420

■ 8.2308, 0.2775,
0.1676

■ 36.0399, 0.3171,
0.3634

■ 6.8694, 0.2700,
0.1479

■ 41.9971, 0.3192,
0.3830

■ 5.8741, 0.2624,
0.1322

■ 48.5735, 0.3209,
0.4009

■ 5.1983, 0.2550,
0.1210

■ 55.7868, 0.3223,
0.4170

■ 4.8787, 0.2508,
0.1155

■ 63.6539, 0.3233,
0.4316

■ 72.1910, 0.3241,
0.4447

Harmonies

Analogous

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



18.0192, 0.2640, 0.2590



18.0192, 0.3028, 0.2684



18.0192, 0.3471, 0.2914

Triad

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



18.0192, 0.3028, 0.2684



18.0192, 0.3901, 0.3892



18.0192, 0.2460, 0.3287

Complementary

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



18.0192, 0.3028, 0.2684



24.9734, 0.3202, 0.3930

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.



18.0192, 0.2763, 0.3712



18.0192, 0.3028, 0.2684



18.0192, 0.3596, 0.4065

Square

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



18.0192, 0.3028, 0.2684



18.0192, 0.3994, 0.3584



18.0192, 0.3178, 0.4010



18.0192, 0.2331, 0.2902

Rectangle

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



18.0192, 0.3028, 0.2684



18.0192, 0.3731, 0.3120



18.0192, 0.3178, 0.4010



18.0192, 0.2544, 0.3432

Sweetspot

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



18.0200, 0.3028, 0.2684



43.4800, 0.3102, 0.3120



18.5814, 0.2744, 0.2832



9.8837, 0.3100, 0.3108



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.



18.0200, 0.3028, 0.2684



28.7199, 0.3001, 0.2544



18.6760, 0.3241, 0.2817



5.4344, 0.3095, 0.3070



4.2614, 0.2512, 0.1157



0.0520, 0.2855, 0.1346

Inverse Universe

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



18.2031, 0.3476, 0.3116



29.1327, 0.3577, 0.3076



24.4572, 0.3031, 0.3815



5.4479, 0.3239, 0.3227



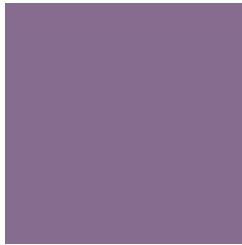
5.3083, 0.5746, 0.2939



0.0542, 0.4691, 0.2358

Previews

White Background



This preview shows how the Yxy color 18.0192, 0.3028, 0.2684 looks on a white background.

Color Contrast Check

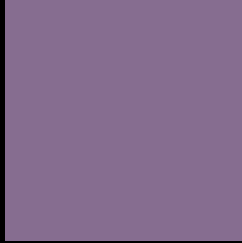
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0192, 0.3028, 0.2684 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 18.0192, 0.3028, 0.2684

Background



This preview shows how black text looks on a background with the Yxy color 18.0192, 0.3028, 0.2684.



This preview shows how white text looks on a background with the Yxy color 18.0192, 0.3028, 0.2684.

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

18.0192, 0.3028, 0.2684

Protanopia

18.2075, 0.2702, 0.2701

Deuteranopia

18.0265, 0.2837, 0.2776



Tritanopia

18.0407, 0.3253, 0.3125

Trichromacy



Original Color

18.0192, 0.3028, 0.2684

Protanomaly

18.0631, 0.2818, 0.2694

Deuteranomaly

18.0044, 0.2906, 0.2749

Tritanomaly

18.1056, 0.3168, 0.2966

Monochromacy



Original Color

18.0192, 0.3028, 0.2684

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.4357, 0.3088, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0192, 0.3028, 0.2684 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(134, 109, 144)` looks like.

```
.text, #text, p{  
    color:rgb(134, 109, 144)  
}
```

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(134, 109, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 109, 144) }
```

Border

The CSS property to change the border of an element to Yxy 18.0192, 0.3028, 0.2684 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(134, 109, 144) }
```

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

```
.border{ border-color:rgb(134, 109, 144) }
```

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

Here you see how a box with a 4 pixel rgb(134, 109, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 109, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 109, 144);  
box-shadow:4px 4px 4px 4px rgb(134, 109,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0192, 0.3028, 0.2684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 109, 144) }
```

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

```
.background{ background-color: rgb(134,  
109, 144) }
```

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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