

Converting Colors

$Y_{xy}(18.8596, 0.3080, 0.2558)$

Have a look what the booklet for
Yxy(18.8596, 0.3080, 0.2558)
contains.

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Color

Yxy(18.8934, 0.3086, 0.2559)

Conversions

Conversions Part 1

Format	Color
Hex	926B98
RGB	146, 107, 152
RGB Percent	57%, 42%, 60%
CMY	0.4273, 0.5804, 0.4039
CMYK	0.04, 0.30, 0.00, 0.40
HSL	292°, 18%, 51%
HSV	292°, 30%, 60%
XYZ	22.7843, 18.8934, 32.1535
YIQ	123.7910, 8.7990, 22.2630

Conversions

Conversions Part 2

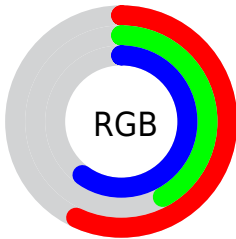
Format	Color
RYB	146, 107, 152
Decimal	9595800
CIELab	50.56, 23.69, -18.42
CIELCh	51, 30.013, 322.136
Yxy	18.8934, 0.3086, 0.2559
Android (android.graphics.Color)	4287785880 (0xFF926B98)
YUV	123.7910, 13.9070, 19.4773
Hunter-Lab	43.4665, 17.4997, -13.4320

Details

The Yxy color **18.8934, 0.3086, 0.2559** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.0270, 0.3146, 0.4111**, and the grayscale version is **20.0346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.5319, 0.3099, 0.2718**, and **6.5004, 0.3056, 0.2301** is the 20% darker color. If you saturate the color by 10%, you get **15.8158, 0.3065, 0.2310**, and if you desaturate by 10%, it is **22.5331, 0.3103, 0.2811**.

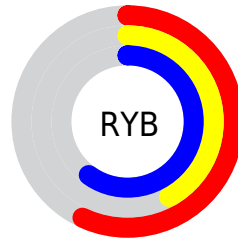
Distribution



Red (57%)

Green (42%)

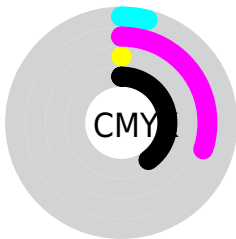
Blue (60%)



Red (57%)

Yellow (42%)

Blue (60%)

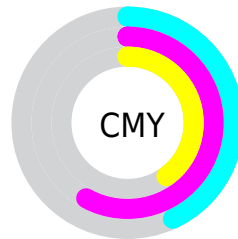


Cyan (4%)

Magenta (30%)

Yellow (0%)

Black (40%)



Cyan (43%)


Magenta (58%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.8934, 0.3086, 0.2559 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 18.8934, 0.3086, 0.2559 by changing the saturation by 10% instead.


 18.8934, 0.3086,
0.2559


 18.8934, 0.3086,
0.2559


245.8596, 0.3117,
0.2957


 11.5933, 0.3073,
0.2448

 41.5539, 0.3101,
0.2712

 6.4674, 0.3052,
0.2298


 57.6831, 0.3105,
0.2767

 3.1313, 0.3017,
0.2085

 77.5240, 0.3109,
0.2812

 1.2007, 0.2946,
0.1763

 101.4612, 0.3111,
0.2851

 0.0622, 0.3021,
0.0295

129.8789, 0.3113,
0.2883

 0.0000, 0.0000,
0.0000

163.1616, 0.3115,

0.2911

201.6938, 0.3116,
0.2936

■ 18.8934, 0.3086,
0.2559

■ 18.8934, 0.3086,
0.2559

■ 15.8158, 0.3065,
0.2310

■ 22.5331, 0.3103,
0.2811

■ 13.2686, 0.3041,
0.2074

■ 26.7594, 0.3117,
0.3060

■ 11.2207, 0.3013,
0.1861


■ 31.5984, 0.3128,
0.3299


■ 9.6370, 0.2983,
0.1678


■ 37.0741, 0.3135,
0.3525

■ 8.4774, 0.2950,
0.1534


■ 43.2088, 0.3141,
0.3735

 7.6954, 0.2917,
0.1432


 50.0241, 0.3144,
0.3929

 7.1799, 0.2883,
0.1364

 57.5404, 0.3146,
0.4107

 7.1610, 0.2882,
0.1361

 65.7774, 0.3147,
0.4268

 74.7538, 0.3147,
0.4413

Harmonies

Analogous

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



18.8934, 0.2569, 0.2407



18.8934, 0.3086, 0.2559



18.8934, 0.3663, 0.2867

Triad

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



18.8934, 0.3086, 0.2559



18.8934, 0.4074, 0.4107



18.8934, 0.2227, 0.3181

Complementary

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



18.8934, 0.3086, 0.2559



27.0270, 0.3146, 0.4111

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.



18.8934, 0.2573, 0.3759



18.8934, 0.3086, 0.2559



18.8934, 0.3637, 0.4317

Square

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



18.8934, 0.3086, 0.2559



18.8934, 0.4259, 0.3718



18.8934, 0.3086, 0.4205



18.8934, 0.2110, 0.2709

Rectangle

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



18.8934, 0.3086, 0.2559



18.8934, 0.3988, 0.3133



18.8934, 0.3086, 0.4205



18.8934, 0.2318, 0.3371

Sweetspot

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



18.8942, 0.3086, 0.2559



47.5833, 0.3117, 0.3071



17.2000, 0.2635, 0.2570



10.5697, 0.3116, 0.3037



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



18.8942, 0.3086, 0.2559



29.3997, 0.3072, 0.2382



18.9519, 0.3368, 0.2823



6.2821, 0.3117, 0.3069



6.0135, 0.2884, 0.1362



0.1000, 0.3039, 0.1448

Inverse Universe

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



18.3797, 0.3678, 0.3191



28.3689, 0.3867, 0.3166



27.0255, 0.2946, 0.3810



6.2354, 0.3263, 0.3261



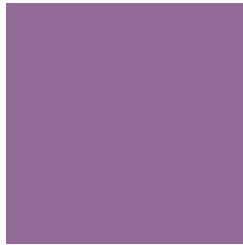
5.6428, 0.6190, 0.3184



0.0874, 0.5441, 0.2771

Previews

White Background



This preview shows how the Yxy color 18.8934, 0.3086, 0.2559 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 18.8934, 0.3086, 0.2559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

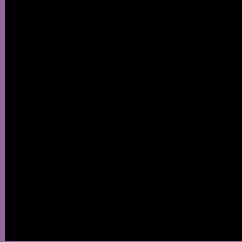
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.8934, 0.3086, 0.2559

Background



This preview shows how black text looks on a background with the Yxy color 18.8934, 0.3086, 0.2559.



This preview shows how white text looks on a background with the Yxy color 18.8934, 0.3086, 0.2559.

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

18.8934, 0.3086, 0.2559

Protanopia

19.0181, 0.2588, 0.2545

Deuteranopia

18.9408, 0.2770, 0.2715



Tritanopia

18.9662, 0.3399, 0.3133

Trichromacy



Original Color

18.8934, 0.3086, 0.2559

Protanomaly

18.8677, 0.2743, 0.2546

Deuteranomaly

18.8582, 0.2880, 0.2649

Tritanomaly

18.9020, 0.3275, 0.2914

Monochromacy



Original Color

18.8934, 0.3086, 0.2559

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.5836, 0.3116, 0.3006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.8934, 0.3086, 0.2559 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(146, 107, 152)` looks like.

```
.text, #text, p{  
    color:rgb(146, 107, 152)  
}
```

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(146, 107, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 107, 152) }
```

Border

The CSS property to change the border of an element to Yxy 18.8934, 0.3086, 0.2559 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(146, 107, 152) }
```

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

```
.border{ border-color:rgb(146, 107, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 107, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 107, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 107, 152);  
box-shadow:4px 4px 4px 4px rgb(146, 107,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 18.8934, 0.3086, 0.2559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 107, 152) }
```

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

```
.background{ background-color: rgb(146,  
107, 152) }
```

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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