

Converting Colors

$Yxy(18.4833, 0.3022, 0.2503)$

Have a look what the booklet for
Yxy(18.4833, 0.3022, 0.2503)
contains.

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Color

Yxy(18.4808, 0.3025, 0.2506)

Conversions

Conversions Part 1

Format	Color
Hex	8F6A9A
RGB	143, 106, 154
RGB Percent	56%, 42%, 60%
CMY	0.4394, 0.5842, 0.3961
CMYK	0.07, 0.31, 0.00, 0.40
HSL	286°, 19%, 51%
HSV	286°, 31%, 60%
XYZ	22.3082, 18.4808, 32.9572
YIQ	122.5350, 6.6440, 22.7720

Conversions

Conversions Part 2

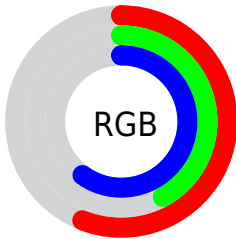
Format	Color
R_{YB}	143, 106, 154
Decimal	9398938
CIE _{Lab}	50.07, 23.62, -20.36
CIE _{LCh}	50, 31.186, 319.234
Yxy	18.4808, 0.3025, 0.2506
Android (android.graphics.Color)	4287589018 (0xFF8F6A9A)
YUV	122.5350, 15.5122, 17.9478
Hunter-Lab	42.9893, 17.3969, -15.3614

Details

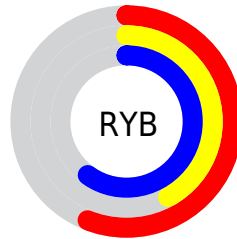
The Yxy color $18.4808, 0.3025, 0.2506$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $27.9333, 0.3193, 0.4149$, and the grayscale version is $19.5926, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.9275, 0.3047, 0.2667$, and $6.2807, 0.2964, 0.2223$ is the 20% darker color. If you saturate the color by 10%, you get $15.2760, 0.2980, 0.2247$, and if you desaturate by 10%, it is $22.2671, 0.3064, 0.2766$.

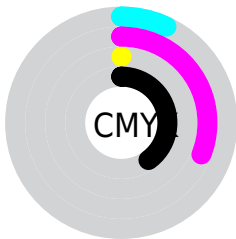
Distribution



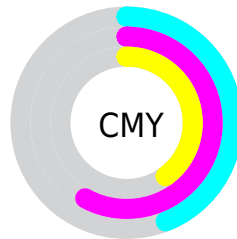
- Red (56%)
- Green (42%)
- Blue (60%)



- Red (56%)
- Yellow (42%)
- Blue (60%)



- Cyan (7%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)





- Cyan (44%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.4808, 0.3025, 0.2506 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 18.4808, 0.3025, 0.2506 by changing the saturation by 10% instead.


 18.4808, 0.3025,
0.2506


 18.4808, 0.3025,
0.2506


243.5673, 0.3092,
0.2933


 11.2957, 0.3001,
0.2387


 40.8549, 0.3054,
0.2670


 6.2661, 0.2965,
0.2227


 56.8127, 0.3063,
0.2729

 3.0076, 0.2906,
0.2000

 76.4636, 0.3071,
0.2778

 1.1357, 0.2796,
0.1660

 100.1919, 0.3077,
0.2819

 0.0082, 0.2776,
0.0039

128.3820, 0.3082,
0.2854

 0.0000, 0.0000,
0.0000

161.4184, 0.3086,

0.2884

199.6853, 0.3089,
0.2910

■ 18.4808, 0.3025,
0.2506

■ 18.4808, 0.3025,
0.2506

■ 15.2760, 0.2980,
0.2247

■ 22.2671, 0.3064,
0.2766

■ 12.6197, 0.2929,
0.1999

■ 26.6609, 0.3097,
0.3020

■ 10.4792, 0.2874,
0.1771


■ 31.6893, 0.3124,
0.3263


■ 8.8175, 0.2815,
0.1574


■ 37.3773, 0.3147,
0.3491


■ 7.5923, 0.2754,
0.1416

■ 43.7484, 0.3164,
0.3702

 6.7540, 0.2694,
0.1302

 50.8249, 0.3178,
0.3895

 6.2253, 0.2641,
0.1229

 58.6282, 0.3189,
0.4071

 67.1786, 0.3197,
0.4230

 76.4959, 0.3203,
0.4374

Harmonies

Analogous

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



18.4808, 0.2501, 0.2366



18.4808, 0.3025, 0.2506



18.4808, 0.3632, 0.2812

Triad

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



18.4808, 0.3025, 0.2506



18.4808, 0.4147, 0.4106



18.4808, 0.2213, 0.3230

Complementary

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



18.4808, 0.3025, 0.2506



27.9333, 0.3193, 0.4149

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.



18.4808, 0.2593, 0.3838



18.4808, 0.3025, 0.2506



18.4808, 0.3709, 0.4357

Square

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



18.4808, 0.3025, 0.2506



18.4808, 0.4312, 0.3688



18.4808, 0.3138, 0.4281



18.4808, 0.2069, 0.2720

Rectangle

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



18.4808, 0.3025, 0.2506



18.4808, 0.3985, 0.3082



18.4808, 0.3138, 0.4281



18.4808, 0.2315, 0.3433

Sweetspot

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



18.4816, 0.3025, 0.2506



50.1456, 0.3103, 0.3069



18.1709, 0.2615, 0.2616



11.0803, 0.3099, 0.3035



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



18.4816, 0.3025, 0.2506



29.6238, 0.2996, 0.2335



19.1105, 0.3322, 0.2724



6.2520, 0.3103, 0.3068



5.0894, 0.2646, 0.1231



0.0918, 0.2914, 0.1379

Inverse Universe

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



18.4671, 0.3651, 0.3108



29.6515, 0.3810, 0.3067



27.4999, 0.2977, 0.3933



6.2448, 0.3249, 0.3239



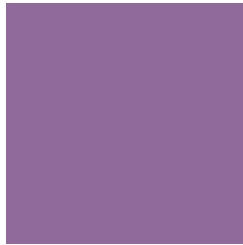
5.7028, 0.5940, 0.3046



0.0901, 0.4946, 0.2498

Previews

White Background



This preview shows how the Yxy color 18.4808, 0.3025, 0.2506 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 18.4808, 0.3025, 0.2506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

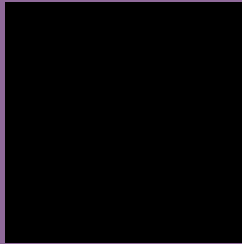
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4808, 0.3025, 0.2506

Background



This preview shows how black text looks on a background with the Yxy color 18.4808, 0.3025, 0.2506.



This preview shows how white text looks on a background with the Yxy color 18.4808, 0.3025, 0.2506.

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

18.4808, 0.3025, 0.2506

Protanopia

18.6654, 0.2539, 0.2490

Deuteranopia

18.5670, 0.2717, 0.2659



Tritanopia

18.3721, 0.3361, 0.3130

Trichromacy



Original Color

18.4808, 0.3025, 0.2506

Protanomaly

18.4946, 0.2690, 0.2491

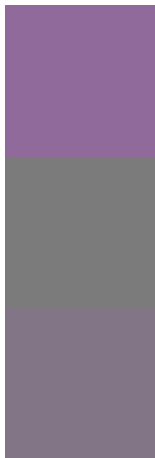
Deuteranomaly

18.4701, 0.2824, 0.2593

Tritanomaly

18.4208, 0.3238, 0.2892

Monochromacy



Original Color

18.4808, 0.3025, 0.2506

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.1896, 0.3092, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4808, 0.3025, 0.2506 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(143, 106, 154)` looks like.

```
.text, #text, p{  
    color:rgb(143, 106, 154)  
}
```

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(143, 106, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 106, 154) }
```

Border

The CSS property to change the border of an element to Yxy 18.4808, 0.3025, 0.2506 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(143, 106, 154) }
```

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

```
.border{ border-color:rgb(143, 106, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 106, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 106, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 106, 154); box-shadow:4px 4px 4px 4px rgb(143, 106, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4808, 0.3025, 0.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 106, 154) }
```

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

```
.background{ background-color: rgb(143,  
106, 154) }
```

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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