

Converting Colors

$Y_{xy}(18.3801, 0.3047, 0.2575)$

Have a look what the booklet for
Yxy(18.3801, 0.3047, 0.2575)
contains.

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Color

Yxy(18.3801, 0.3047, 0.2575)

Conversions

Conversions Part 1

Format	Color
Hex	8D6B96
RGB	141, 107, 150
RGB Percent	55%, 42%, 59%
CMY	0.4470, 0.5804, 0.4118
CMYK	0.06, 0.29, 0.00, 0.41
HSL	287°, 17%, 50%
HSV	287°, 29%, 59%
XYZ	21.7492, 18.3801, 31.2497
YIQ	122.0680, 6.4610, 20.5810

Conversions

Conversions Part 2

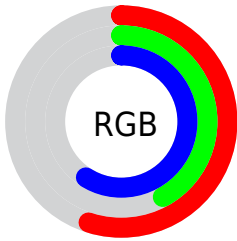
Format	Color
R_{YB}	141, 107, 150
Decimal	9268118
CIE _{Lab}	49.95, 21.54, -18.21
CIE _{LCh}	50, 28.206, 319.787
Yxy	18.3801, 0.3047, 0.2575
Android (android.graphics.Color)	4287458198 (0xFF8D6B96)
YUV	122.0680, 13.7705, 16.6034
Hunter-Lab	42.8720, 15.5279, -13.2065

Details

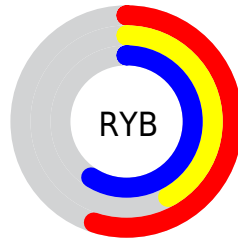
The Yxy color $18.3801, 0.3047, 0.2575$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $26.5801, 0.3179, 0.4072$, and the grayscale version is $19.4388, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.7580, 0.3071, 0.2733$, and $6.2024, 0.2996, 0.2313$ is the 20% darker color. If you saturate the color by 10%, you get $15.2498, 0.3009, 0.2318$, and if you desaturate by 10%, it is $22.0622, 0.3080, 0.2832$.

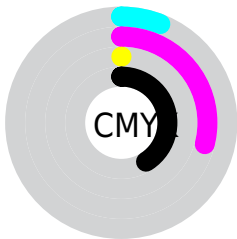
Distribution



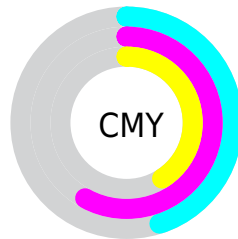
- Red (55%)
- Green (42%)
- Blue (59%)



- Red (55%)
- Yellow (42%)
- Blue (59%)



- Cyan (6%)
- Magenta (29%)
- Yellow (0%)
- Black (41%)





- Cyan (45%)
- Magenta (58%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3801, 0.3047, 0.2575 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 18.3801, 0.3047, 0.2575 by changing the saturation by 10% instead.


 18.3801, 0.3047,
0.2575


 18.3801, 0.3047,
0.2575


243.0048, 0.3100,
0.2967


 11.2232, 0.3028,
0.2464


 40.6839, 0.3070,
0.2727


 6.2172, 0.2998,
0.2314


 56.5997, 0.3078,
0.2781

 2.9776, 0.2949,
0.2100

 76.2039, 0.3084,
0.2825

 1.1200, 0.2856,
0.1772

 99.8809, 0.3088,
0.2863

 0.0000, 0.2860,
0.0000

128.0151, 0.3092,
0.2895

 0.0000, 0.0000,
0.0000

160.9909, 0.3095,

0.2922

199.1927, 0.3098,
0.2946

■ 18.3801, 0.3047,
0.2575

■ 18.3801, 0.3047,
0.2575

■ 15.2498, 0.3009,
0.2318

■ 22.0622, 0.3080,
0.2832

■ 12.6409, 0.2965,
0.2069

■ 26.3197, 0.3107,
0.3083

■ 10.5236, 0.2917,
0.1839


■ 31.1779, 0.3130,
0.3321


■ 8.8640, 0.2865,
0.1638


■ 36.6597, 0.3148,
0.3545

■ 7.6240, 0.2811,
0.1474


■ 42.7868, 0.3162,
0.3751

 6.7593, 0.2756,
0.1353

 49.5801, 0.3173,
0.3941

 6.1766, 0.2702,
0.1269

 57.0591, 0.3181,
0.4113

 6.1035, 0.2695,
0.1258

 65.2429, 0.3187,
0.4269

 74.1497, 0.3191,
0.4410

Harmonies

Analogous

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



18.3801, 0.2564, 0.2443



18.3801, 0.3047, 0.2575



18.3801, 0.3596, 0.2861

Triad

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



18.3801, 0.3047, 0.2575



18.3801, 0.4052, 0.4046



18.3801, 0.2289, 0.3231

Complementary

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



18.3801, 0.3047, 0.2575



26.5801, 0.3179, 0.4072

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.



18.3801, 0.2636, 0.3774



18.3801, 0.3047, 0.2575



18.3801, 0.3653, 0.4258

Square

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



18.3801, 0.3047, 0.2575



18.3801, 0.4202, 0.3670



18.3801, 0.3133, 0.4175



18.3801, 0.2158, 0.2769

Rectangle

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



18.3801, 0.3047, 0.2575



18.3801, 0.3912, 0.3111



18.3801, 0.3133, 0.4175



18.3801, 0.2382, 0.3412

Sweetspot

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



18.3809, 0.3047, 0.2575



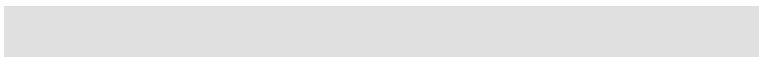
46.0455, 0.3106, 0.3070



17.8896, 0.2660, 0.2666



9.9710, 0.3103, 0.3037



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



18.3809, 0.3047, 0.2575



29.0112, 0.3025, 0.2420



18.8266, 0.3312, 0.2783



5.8488, 0.3106, 0.3070



5.0770, 0.2699, 0.1260



0.0745, 0.2959, 0.1404

Inverse Universe

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



18.2573, 0.3607, 0.3139



28.7996, 0.3748, 0.3105



26.2702, 0.2983, 0.3858



5.8340, 0.3251, 0.3244



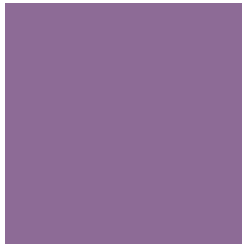
5.4650, 0.5999, 0.3079



0.0705, 0.5027, 0.2543

Previews

White Background



This preview shows how the Yxy color 18.3801, 0.3047, 0.2575 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 18.3801, 0.3047, 0.2575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

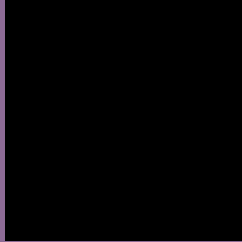
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3801, 0.3047, 0.2575

Background



This preview shows how black text looks on a background with the Yxy color 18.3801, 0.3047, 0.2575.



This preview shows how white text looks on a background with the Yxy color 18.3801, 0.3047, 0.2575.

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

18.3801, 0.3047, 0.2575

Protanopia

18.6136, 0.2602, 0.2571

Deuteranopia

18.5737, 0.2777, 0.2728



Tritanopia

18.2872, 0.3348, 0.3129

Trichromacy



Original Color

18.3801, 0.3047, 0.2575

Protanomaly

18.3943, 0.2749, 0.2569

Deuteranomaly

18.3402, 0.2865, 0.2656

Tritanomaly

18.2211, 0.3224, 0.2905

Monochromacy



Original Color

18.3801, 0.3047, 0.2575

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.0556, 0.3102, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3801, 0.3047, 0.2575 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(141, 107, 150)` looks like.

```
.text, #text, p{  
  color:rgb(141, 107, 150)  
}
```

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(141, 107, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 107, 150) }
```

Border

The CSS property to change the border of an element to Yxy 18.3801, 0.3047, 0.2575 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(141, 107, 150) }
```

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

```
.border{ border-color:rgb(141, 107, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 107, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 107, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 107, 150);  
box-shadow:4px 4px 4px 4px rgb(141, 107,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3801, 0.3047, 0.2575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 107, 150) }
```

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

```
.background{ background-color: rgb(141,  
107, 150) }
```

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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