

Converting Colors

$Y_{xy}(18.3014, 0.3227, 0.2741)$

Have a look what the booklet for
Yxy(18.3014, 0.3227, 0.2741)
contains.

Yxy(18.3992, 0.3231, 0.2753)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.3992, 0.3231, 0.2753)

Conversions

Conversions Part 1

Format	Color
Hex	916B8B
RGB	145, 107, 139
RGB Percent	57%, 42%, 55%
CMY	0.4314, 0.5804, 0.4549
CMYK	0.00, 0.26, 0.04, 0.43
HSL	309°, 15%, 49%
HSV	309°, 26%, 57%
XYZ	21.5938, 18.3992, 26.8402
YIQ	122.0100, 12.3760, 18.0080

Conversions

Conversions Part 2

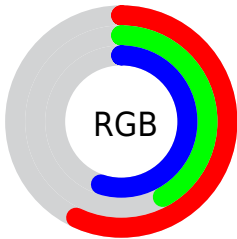
Format	Color
R_{YB}	145, 107, 139
Decimal	9530251
CIE _{Lab}	49.98, 20.71, -11.65
CIE _{LCh}	50, 23.763, 330.644
Yxy	18.3992, 0.3231, 0.2753
Android (android.graphics.Color)	4287720331 (0xFF916B8B)
YUV	122.0100, 8.3761, 20.1622
Hunter-Lab	42.8943, 14.7954, -7.0735

Details

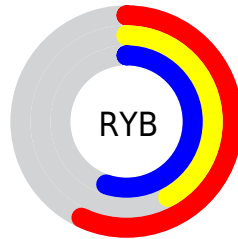
The Yxy color $18.3992, 0.3231, 0.2753$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $24.5666, 0.3038, 0.3894$, and the grayscale version is $19.4350, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.7886, 0.3203, 0.2867$, and $6.2289, 0.3266, 0.2548$ is the 20% darker color. If you saturate the color by 10%, you get $15.5596, 0.3280, 0.2546$, and if you desaturate by 10%, it is $21.7488, 0.3187, 0.2962$.

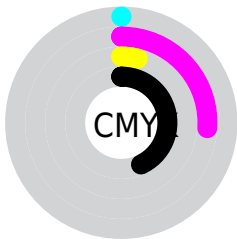
Distribution



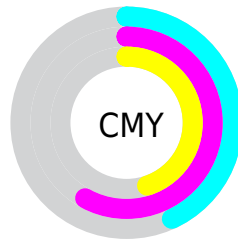
- Red (57%)
- Green (42%)
- Blue (55%)



- Red (57%)
- Yellow (42%)
- Blue (55%)



- Cyan (0%)
- Magenta (26%)
- Yellow (4%)
- Black (43%)




- Cyan (43%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3992, 0.3231, 0.2753 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 18.3992, 0.3231, 0.2753 by changing the saturation by 10% instead.


 18.3992, 0.3231,
0.2753


 18.3992, 0.3231,
0.2753


243.1116, 0.3176,
0.3051


 11.2370, 0.3245,
0.2667


 40.7164, 0.3210,
0.2869


 6.2265, 0.3264,
0.2549


 56.6401, 0.3203,
0.2910

 2.9833, 0.3289,
0.2376


 76.2532, 0.3197,
0.2944

 1.1230, 0.3322,
0.2101

 99.9399, 0.3191,
0.2973

 0.0000, 0.3827,
0.0000

128.0847, 0.3187,
0.2997

 0.0000, 0.0000,
0.0000

161.0720, 0.3183,

0.3017

199.2862, 0.3179,
0.3035

■ 18.3992, 0.3231,
0.2753

■ 18.3992, 0.3231,
0.2753

■ 15.5596, 0.3280,
0.2546

■ 21.7488, 0.3187,
0.2962

■ 13.2023, 0.3333,
0.2349

■ 25.6294, 0.3149,
0.3167

■ 11.3006, 0.3390,
0.2169

■ 30.0640, 0.3115,
0.3364

■ 9.8244, 0.3449,
0.2017

■ 35.0733, 0.3086,
0.3550

■ 8.7398, 0.3508,
0.1901

■ 40.6771, 0.3061,
0.3724

■ 8.0077, 0.3566,
0.1825

■ 46.8940, 0.3040,
0.3885

■ 7.5687, 0.3622,
0.1790

■ 53.7422, 0.3022,
0.4032

■ 7.4274, 0.3643,
0.1781

■ 61.2387, 0.3006,
0.4168

■ 69.4002, 0.2994,
0.4291

Harmonies

Analogous

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



18.3992, 0.2787, 0.2587



18.3992, 0.3231, 0.2753



18.3992, 0.3675, 0.3039

Triad

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



18.3992, 0.3231, 0.2753



18.3992, 0.3811, 0.4021



18.3992, 0.2349, 0.3091

Complementary

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



18.3992, 0.3231, 0.2753



24.5666, 0.3038, 0.3894

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.



18.3992, 0.2587, 0.3536



18.3992, 0.3231, 0.2753



18.3992, 0.3425, 0.4107

Square

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



18.3992, 0.3231, 0.2753



18.3992, 0.4019, 0.3748



18.3992, 0.2977, 0.3929



18.3992, 0.2305, 0.2750

Rectangle

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



18.3992, 0.3231, 0.2753



18.3992, 0.3897, 0.3271



18.3992, 0.2977, 0.3929



18.3992, 0.2408, 0.3234

Sweetspot

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



18.4000, 0.3231, 0.2753



44.4586, 0.3156, 0.3127



16.0521, 0.2757, 0.2582



9.6697, 0.3161, 0.3099



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.



18.4000, 0.3231, 0.2753



30.0738, 0.3257, 0.2640



17.8993, 0.3478, 0.3060



5.4966, 0.3160, 0.3107



6.3747, 0.3640, 0.1779



0.0635, 0.3405, 0.1649

Inverse Universe

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



18.4000, 0.3231, 0.2753



30.0738, 0.3257, 0.2640



25.0321, 0.2870, 0.3533



5.4966, 0.3160, 0.3107



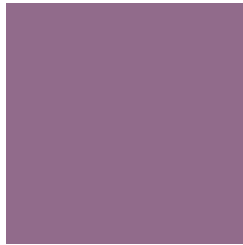
6.3747, 0.3640, 0.1779



0.0635, 0.3405, 0.1649

Previews

White Background



This preview shows how the Yxy color 18.3992, 0.3231, 0.2753 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 18.3992, 0.3231, 0.2753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

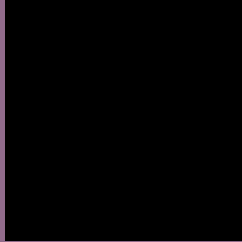
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3992, 0.3231, 0.2753

Background



This preview shows how black text looks on a background with the Yxy color 18.3992, 0.3231, 0.2753.



This preview shows how white text looks on a background with the Yxy color 18.3992, 0.3231, 0.2753.

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

18.3992, 0.3231, 0.2753

Protanopia

18.5429, 0.2765, 0.2775

Deuteranopia

18.4345, 0.2961, 0.2905



Tritanopia

18.4516, 0.3444, 0.3150

Trichromacy



Original Color

18.3992, 0.3231, 0.2753

Protanomaly

18.3778, 0.2930, 0.2771

Deuteranomaly

18.3911, 0.3047, 0.2845

Tritanomaly

18.4979, 0.3367, 0.3013

Monochromacy



Original Color

18.3992, 0.3231, 0.2753

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.0269, 0.3162, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3992, 0.3231, 0.2753 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(145, 107, 139)` looks like.

```
.text, #text, p{  
    color:rgb(145, 107, 139)  
}
```

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(145, 107, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 107, 139) }
```

Border

The CSS property to change the border of an element to Yxy 18.3992, 0.3231, 0.2753 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(145, 107, 139) }
```

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

```
.border{ border-color:rgb(145, 107, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 107, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 107, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 107, 139);  
box-shadow:4px 4px 4px 4px rgb(145, 107,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3992, 0.3231, 0.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 107, 139) }
```

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

```
.background{ background-color: rgb(145,  
107, 139) }
```

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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