

Converting Colors

$Y_{xy}(23.8153, 0.3060, 0.2526)$

Have a look what the booklet for
Yxy(23.8153, 0.3060, 0.2526)
contains.

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Color

Yxy(23.8153, 0.3060, 0.2526)

Conversions

Conversions Part 1

Format	Color
Hex	A277AB
RGB	162, 119, 171
RGB Percent	64%, 47%, 67%
CMY	0.3647, 0.5333, 0.3293
CMYK	0.05, 0.30, 0.00, 0.33
HSL	290°, 24%, 57%
HSV	290°, 30%, 67%
XYZ	28.8499, 23.8153, 41.6155
YIQ	137.7850, 8.9360, 25.2880

Conversions

Conversions Part 2

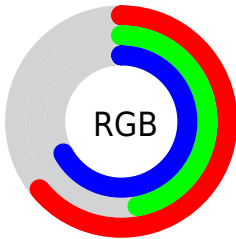
Format	Color
RYB	162, 119, 171
Decimal	10647467
CIELab	55.90, 26.10, -21.17
CIELCh	56, 33.609, 320.951
Yxy	23.8153, 0.3060, 0.2526
Android (android.graphics.Color)	4288837547 (0xFFA277AB)
YUV	137.7850, 16.3750, 21.2366
Hunter-Lab	48.8009, 20.1231, -16.3995

Details

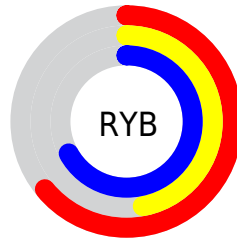
The Yxy color **23.8153, 0.3060, 0.2526** is a light color, and the websafe version is hex **996699**. A complement of this color would be **35.0570, 0.3166, 0.4141**, and the grayscale version is **25.2642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.7477, 0.3080, 0.2683**, and **9.0272, 0.3022, 0.2283** is the 20% darker color. If you saturate the color by 10%, you get **19.7985, 0.3029, 0.2271**, and if you desaturate by 10%, it is **28.5740, 0.3087, 0.2784**.

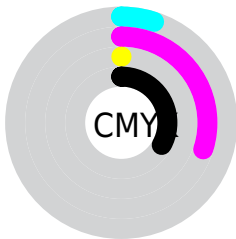
Distribution



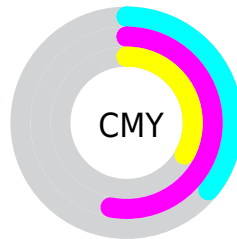
- Red (64%)
- Green (47%)
- Blue (67%)



- Red (64%)
- Yellow (47%)
- Blue (67%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)
- Black (33%)





- Cyan (36%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8153, 0.3060, 0.2526 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 23.8153, 0.3060, 0.2526 by changing the saturation by 10% instead.


 23.8153, 0.3060,
0.2526


 23.8153, 0.3060,
0.2526


271.8854, 0.3106,
0.2927

 15.1967, 0.3044,
0.2420


 49.7286, 0.3080,
0.2676

 8.9575, 0.3020,
0.2282


 67.7921, 0.3086,
0.2731

 4.7135, 0.2982,
0.2092


 89.7727, 0.3091,
0.2777

 2.0802, 0.2914,
0.1820

116.0547, 0.3095,
0.2816

 0.6534, 0.2790,
0.1370

147.0226, 0.3099,
0.2849

 0.0000, 0.1728,
0.0000

183.0607, 0.3101,

 0.0000, 0.0000,

0.2878

0.0000

224.5535, 0.3104,
0.2904

■ 23.8153, 0.3060,
0.2526

■ 23.8153, 0.3060,
0.2526

■ 19.7985, 0.3029,
0.2271

■ 28.5740, 0.3087,
0.2784

■ 16.4811, 0.2993,
0.2029

■ 34.1079, 0.3109,
0.3037

■ 13.8212, 0.2953,
0.1809


■ 40.4519, 0.3127,
0.3280

■ 11.7708, 0.2910,
0.1621


■ 47.6382, 0.3140,
0.3509


■ 10.2757, 0.2865,
0.1474

■ 55.6969, 0.3151,
0.3722


 9.2718, 0.2820,
0.1370

 64.6567, 0.3159,
0.3917

 8.6367, 0.2776,
0.1303

 74.5451, 0.3164,
0.4095

 84.8656, 0.3169,
0.4249

 85.2402, 0.3187,
0.4243

Harmonies

Analogous

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



23.8153, 0.2532, 0.2376



23.8153, 0.3060, 0.2526



23.8153, 0.3660, 0.2838

Triad

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



23.8153, 0.3060, 0.2526



23.8153, 0.4119, 0.4120



23.8153, 0.2206, 0.3198

Complementary

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



23.8153, 0.3060, 0.2526



35.0570, 0.3166, 0.4141

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.



23.8153, 0.2571, 0.3799



23.8153, 0.3060, 0.2526



23.8153, 0.3674, 0.4352

Square

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



23.8153, 0.3060, 0.2526



23.8153, 0.4301, 0.3711



23.8153, 0.3105, 0.4254



23.8153, 0.2077, 0.2703

Rectangle

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



23.8153, 0.3060, 0.2526



23.8153, 0.4003, 0.3109



23.8153, 0.3105, 0.4254



23.8153, 0.2303, 0.3397

Sweetspot

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



23.8163, 0.3060, 0.2526



62.4177, 0.3111, 0.3068



22.4417, 0.2619, 0.2584



13.5803, 0.3108, 0.3033



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



23.8163, 0.3060, 0.2526



37.3084, 0.3038, 0.2341



24.2053, 0.3349, 0.2769



8.0768, 0.3111, 0.3065



6.5290, 0.2781, 0.1306



0.1998, 0.2919, 0.1382

Inverse Universe

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



23.4129, 0.3678, 0.3155



36.5266, 0.3867, 0.3121



34.8190, 0.2960, 0.3877



8.0372, 0.3260, 0.3251



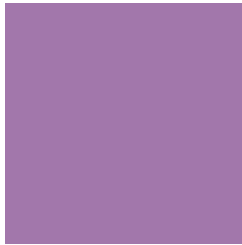
6.6018, 0.6110, 0.3139



0.1903, 0.5377, 0.2736

Previews

White Background



This preview shows how the Yxy color 23.8153, 0.3060, 0.2526 looks on a white background.

Color Contrast Check

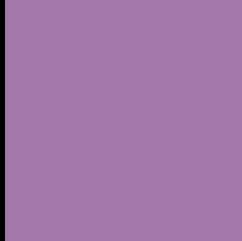
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8153, 0.3060, 0.2526 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 23.8153, 0.3060, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 23.8153, 0.3060, 0.2526.



This preview shows how white text looks on a background with the Yxy color 23.8153, 0.3060, 0.2526.

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

23.8153, 0.3060, 0.2526

Protanopia

24.1043, 0.2558, 0.2520

Deuteranopia

24.0342, 0.2737, 0.2689



Tritanopia

23.8674, 0.3386, 0.3132

Trichromacy



Original Color

23.8153, 0.3060, 0.2526

Protanomaly

23.7636, 0.2721, 0.2522

Deuteranomaly

23.7437, 0.2844, 0.2614

Tritanomaly

23.7068, 0.3265, 0.2887

Monochromacy



Original Color

23.8153, 0.3060, 0.2526

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.6377, 0.3108, 0.2985

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8153, 0.3060, 0.2526 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(162, 119, 171)` looks like.

```
.text, #text, p{  
    color:rgb(162, 119, 171)  
}
```

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(162, 119, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 119, 171) }
```

Border

The CSS property to change the border of an element to Yxy 23.8153, 0.3060, 0.2526 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(162, 119, 171) }
```

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

```
.border{ border-color:rgb(162, 119, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 119, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 119, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 119, 171);  
box-shadow:4px 4px 4px 4px rgb(162, 119,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8153, 0.3060, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 119, 171) }
```

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

```
.background{ background-color: rgb(162,  
119, 171) }
```

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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