

Converting Colors

$Y_{xy}(26.1798, 0.3375, 0.2889)$

Have a look what the booklet for
Yxy(26.1798, 0.3375, 0.2889)
contains.

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Color

Yxy(26.1390, 0.3367, 0.2883)

Conversions

Conversions Part 1

Format	Color
Hex	AD7E9A
RGB	173, 126, 154
RGB Percent	68%, 49%, 60%
CMY	0.3215, 0.5059, 0.3962
CMYK	0.00, 0.27, 0.11, 0.32
HSL	324°, 22%, 59%
HSV	324°, 27%, 68%
XYZ	30.5272, 26.1390, 33.9997
YIQ	143.2450, 19.0240, 18.6720

Conversions

Conversions Part 2

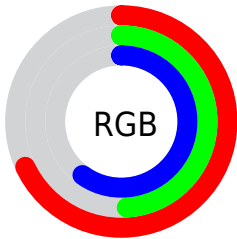
Format	Color
R _Y B	173, 126, 154
Decimal	11370138
CIE Lab	58.17, 22.72, -7.81
CIE LCh	58, 24.027, 341.034
Yxy	26.1390, 0.3367, 0.2883
Android (android.graphics.Color)	4289560218 (0xFFAD7E9A)
YUV	143.2450, 5.3022, 26.0951
Hunter-Lab	51.1263, 17.1103, -3.6403

Details

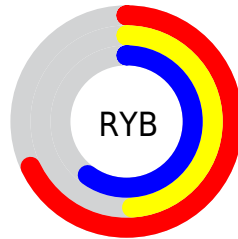
The Yxy color $26.1390, 0.3367, 0.2883$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $36.3718, 0.2944, 0.3736$, and the grayscale version is $27.5443, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.4523, 0.3321, 0.2968$, and $10.1412, 0.3450, 0.2738$ is the 20% darker color. If you saturate the color by 10%, you get $21.8650, 0.3486, 0.2728$, and if you desaturate by 10%, it is $31.1942, 0.3266, 0.3038$.

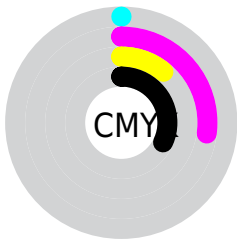
Distribution



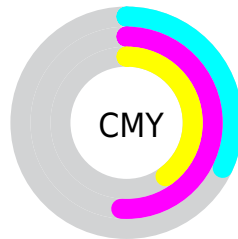
- Red (68%)
- Green (49%)
- Blue (60%)



- Red (68%)
- Yellow (49%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (11%)
- Black (32%)





- Cyan (32%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1390, 0.3367, 0.2883 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 26.1390, 0.3367, 0.2883 by changing the saturation by 10% instead.


 26.1390, 0.3367,
0.2883


 26.1390, 0.3367,
0.2883


283.4638, 0.3239,
0.3099

 16.9277, 0.3402,
0.2824

 53.4991, 0.3318,
0.2965

 10.1829, 0.3449,
0.2746


 72.4167, 0.3301,
0.2995

 5.5204, 0.3515,
0.2637


 95.3384, 0.3286,
0.3019

 2.5557, 0.3615,
0.2473

122.6487, 0.3274,
0.3040

 0.9045, 0.3783,
0.2202

154.7320, 0.3263,
0.3058

 0.0000, 0.5268,
0.0000

191.9727, 0.3254,

 0.0000, 0.0000,

0.3074

0.0000

234.7551, 0.3246,
0.3087

■ 26.1390, 0.3367,
0.2883

■ 26.1390, 0.3367,
0.2883

■ 21.8650, 0.3486,
0.2728

■ 31.1942, 0.3266,
0.3038

■ 18.3289, 0.3623,
0.2580

■ 37.0637, 0.3180,
0.3187

■ 15.4889, 0.3778,
0.2446

■ 43.7833, 0.3108,
0.3329

■ 13.2973, 0.3949,
0.2339

■ 51.3852, 0.3048,
0.3462

■ 11.7003, 0.4130,
0.2268

■ 59.9003, 0.2998,
0.3586

■ 10.6357, 0.4316,
0.2245

■ 69.3578, 0.2957,
0.3699

■ 10.0106, 0.4499,
0.2271

■ 79.7856, 0.2923,
0.3804

■ 9.8641, 0.4552,
0.2281

■ 85.0588, 0.2889,
0.3803

■ 85.4156, 0.2853,
0.3720

Harmonies

Analogous

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



26.1390, 0.2953, 0.2689



26.1390, 0.3367, 0.2883



26.1390, 0.3733, 0.3172

Triad

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



26.1390, 0.3367, 0.2883



26.1390, 0.3639, 0.3999



26.1390, 0.2388, 0.2993

Complementary

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



26.1390, 0.3367, 0.2883



36.3718, 0.2944, 0.3736

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.



26.1390, 0.2547, 0.3372



26.1390, 0.3367, 0.2883



26.1390, 0.3260, 0.3992

Square

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



26.1390, 0.3367, 0.2883



26.1390, 0.3889, 0.3806



26.1390, 0.2861, 0.3755



26.1390, 0.2411, 0.2731

Rectangle

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



26.1390, 0.3367, 0.2883



26.1390, 0.3888, 0.3392



26.1390, 0.2861, 0.3755



26.1390, 0.2421, 0.3110

Sweetspot

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



26.1402, 0.3367, 0.2883



65.2866, 0.3188, 0.3173



23.9420, 0.2855, 0.2565



13.8368, 0.3199, 0.3151



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.



26.1402, 0.3367, 0.2883



41.7494, 0.3441, 0.2784



25.4384, 0.3643, 0.3221



8.0923, 0.3197, 0.3156



7.2573, 0.4534, 0.2271



0.2124, 0.4036, 0.1997

Inverse Universe

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



26.1402, 0.3367, 0.2883



41.7494, 0.3441, 0.2784



37.1651, 0.2772, 0.3361



8.0923, 0.3197, 0.3156



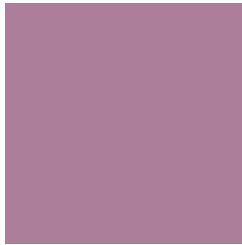
7.2573, 0.4534, 0.2271



0.2124, 0.4036, 0.1997

Previews

White Background



This preview shows how the Yxy color 26.1390, 0.3367, 0.2883 looks on a white background.

Color Contrast Check

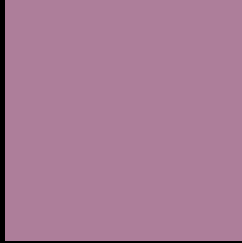
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1390, 0.3367, 0.2883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

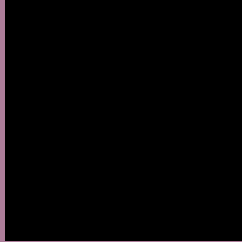
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1390, 0.3367, 0.2883

Background



This preview shows how black text looks on a background with the Yxy color 26.1390, 0.3367, 0.2883.



This preview shows how white text looks on a background with the Yxy color 26.1390, 0.3367, 0.2883.

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

26.1390, 0.3367, 0.2883

Protanopia

26.3081, 0.2875, 0.2920

Deuteranopia

26.1712, 0.3095, 0.3036



Tritanopia

26.2225, 0.3511, 0.3142

Trichromacy



Original Color

26.1390, 0.3367, 0.2883

Protanomaly

25.9430, 0.3037, 0.2899

Deuteranomaly

25.9705, 0.3187, 0.2966

Tritanomaly

26.2226, 0.3467, 0.3054

Monochromacy



Original Color

26.1390, 0.3367, 0.2883

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.8679, 0.3212, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1390, 0.3367, 0.2883 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(173, 126, 154)` looks like.

```
.text, #text, p{  
    color:rgb(173, 126, 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(173, 126, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 126, 154) }
```

Border

The CSS property to change the border of an element to Yxy 26.1390, 0.3367, 0.2883 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(173, 126, 154) }
```

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

```
.border{ border-color:rgb(173, 126, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 126, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 126, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 126, 154);  
box-shadow:4px 4px 4px 4px rgb(173, 126,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1390, 0.3367, 0.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 126, 154) }
```

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

```
.background{ background-color: rgb(173,  
126, 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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