

Converting Colors

$Y_{xy}(26.7065, 0.3251, 0.2746)$

Have a look what the booklet for
Yxy(26.7065, 0.3251, 0.2746)
contains.

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Color

Yxy(26.7796, 0.3243, 0.2747)

Conversions

Conversions Part 1

Format	Color
Hex	AD7FA5
RGB	173, 127, 165
RGB Percent	68%, 50%, 65%
CMY	0.3215, 0.5020, 0.3530
CMYK	0.00, 0.27, 0.05, 0.32
HSL	310°, 22%, 59%
HSV	310°, 27%, 68%
XYZ	31.6149, 26.7796, 39.0922
YIQ	145.0860, 15.2180, 21.5700

Conversions

Conversions Part 2

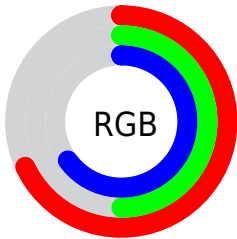
Format	Color
R_{YB}	173, 127, 165
Decimal	11370405
CIE _{Lab}	58.77, 24.15, -13.23
CIE _{LCh}	59, 27.540, 331.278
Yxy	26.7796, 0.3243, 0.2747
Android (android.graphics.Color)	4289560485 (0xFFAD7FA5)
YUV	145.0860, 9.8176, 24.4806
Hunter-Lab	51.7490, 18.4900, -8.5645

Details

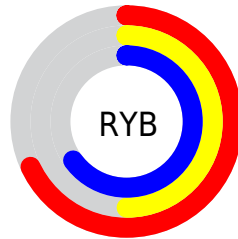
The Yxy color **26.7796, 0.3243, 0.2747** is a light color, and the websafe version is hex **996699**. A complement of this color would be **36.1536, 0.3030, 0.3902**, and the grayscale version is **28.3075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4678, 0.3223, 0.2852**, and **10.4931, 0.3278, 0.2571** is the 20% darker color. If you saturate the color by 10%, you get **22.5803, 0.3297, 0.2541**, and if you desaturate by 10%, it is **31.7512, 0.3195, 0.2955**.

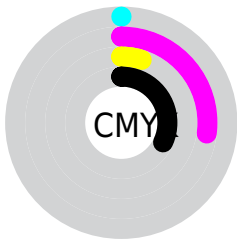
Distribution



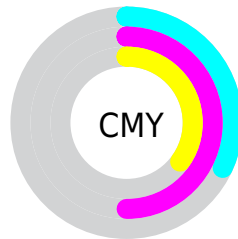
- Red (68%)
- Green (50%)
- Blue (65%)



- Red (68%)
- Yellow (50%)
- Blue (65%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (32%)





- Cyan (32%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7796, 0.3243, 0.2747 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 26.7796, 0.3243, 0.2747 by changing the saturation by 10% instead.


 26.7796, 0.3243,
0.2747


 26.7796, 0.3243,
0.2747


286.5884, 0.3185,
0.3031

 17.4078, 0.3257,
0.2672


 54.5300, 0.3222,
0.2853

 10.5256, 0.3275,
0.2573


 73.6773, 0.3214,
0.2892

 5.7488, 0.3299,
0.2436


 96.8520, 0.3207,
0.2925

 2.6930, 0.3330,
0.2238

124.4383, 0.3202,
0.2953

 0.9736, 0.3370,
0.1923

156.8207, 0.3197,
0.2976

 0.0000, 0.3719,
0.0000

194.3836, 0.3192,

 0.0000, 0.0000,

0.2997

0.0000

237.5114, 0.3189,
0.3015

■ 26.7796, 0.3243,
0.2747

■ 26.7796, 0.3243,
0.2747

■ 22.5803, 0.3297,
0.2541

■ 31.7512, 0.3195,
0.2955

■ 19.1106, 0.3357,
0.2345

■ 37.5280, 0.3152,
0.3160

■ 16.3290, 0.3420,
0.2169

■ 44.1453, 0.3115,
0.3356


■ 14.1882, 0.3487,
0.2021


■ 51.6351, 0.3084,
0.3541

■ 12.6353, 0.3554,
0.1910


■ 60.0281, 0.3057,
0.3714

 11.6087, 0.3619,
0.1843


 69.3530, 0.3034,
0.3874

 11.0227, 0.3682,
0.1818

 79.6377, 0.3014,
0.4020

 10.8635, 0.3704,
0.1814

 84.0853, 0.2998,
0.4053

 84.2179, 0.2982,
0.4017

Harmonies

Analogous

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



26.7796, 0.2788, 0.2575



26.7796, 0.3243, 0.2747



26.7796, 0.3696, 0.3041

Triad

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



26.7796, 0.3243, 0.2747



26.7796, 0.3819, 0.4041



26.7796, 0.2330, 0.3077

Complementary

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



26.7796, 0.3243, 0.2747



36.1536, 0.3030, 0.3902

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.



26.7796, 0.2568, 0.3532



26.7796, 0.3243, 0.2747



26.7796, 0.3422, 0.4125

Square

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



26.7796, 0.3243, 0.2747



26.7796, 0.4037, 0.3764



26.7796, 0.2963, 0.3938



26.7796, 0.2290, 0.2732

Rectangle

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



26.7796, 0.3243, 0.2747



26.7796, 0.3921, 0.3278



26.7796, 0.2963, 0.3938



26.7796, 0.2388, 0.3222

Sweetspot

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



26.7808, 0.3243, 0.2747



65.5047, 0.3158, 0.3128



23.3204, 0.2752, 0.2559



13.8924, 0.3164, 0.3099



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.



26.7808, 0.3243, 0.2747



43.3074, 0.3275, 0.2623



26.0279, 0.3500, 0.3064



8.1237, 0.3163, 0.3105



7.9872, 0.3697, 0.1810



0.2284, 0.3527, 0.1716

Inverse Universe

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



26.7808, 0.3243, 0.2747



43.3074, 0.3275, 0.2623



36.8610, 0.2857, 0.3529



8.1237, 0.3163, 0.3105



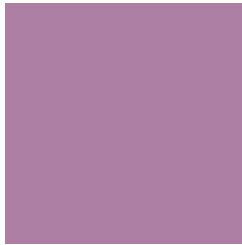
7.9872, 0.3697, 0.1810



0.2284, 0.3527, 0.1716

Previews

White Background



This preview shows how the Yxy color 26.7796, 0.3243, 0.2747 looks on a white background.

Color Contrast Check

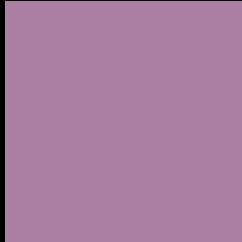
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7796, 0.3243, 0.2747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

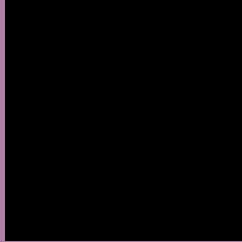
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7796, 0.3243, 0.2747

Background



This preview shows how black text looks on a background with the Yxy color 26.7796, 0.3243, 0.2747.



This preview shows how white text looks on a background with the Yxy color 26.7796, 0.3243, 0.2747.

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

26.7796, 0.3243, 0.2747

Protanopia

26.8805, 0.2752, 0.2756

Deuteranopia

26.8410, 0.2956, 0.2898



Tritanopia

26.7017, 0.3471, 0.3141

Trichromacy



Original Color

26.7796, 0.3243, 0.2747

Protanomaly

26.5641, 0.2911, 0.2740

Deuteranomaly

26.6991, 0.3051, 0.2834

Tritanomaly

26.8252, 0.3382, 0.2996

Monochromacy



Original Color

26.7796, 0.3243, 0.2747

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.4125, 0.3170, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7796, 0.3243, 0.2747 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, 127, 165)` looks like.

```
.text, #text, p{  
    color:rgb(173, 127, 165)  
}
```

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, 127, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 127, 165) }
```

Border

The CSS property to change the border of an element to Yxy 26.7796, 0.3243, 0.2747 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, 127, 165) }
```

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

```
.border{ border-color:rgb(173, 127, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 127, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 127, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 127, 165);  
box-shadow:4px 4px 4px 4px rgb(173, 127,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7796, 0.3243, 0.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 127, 165) }
```

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

```
.background{ background-color: rgb(173,  
127, 165) }
```

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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