

Converting Colors

$Yxy(26.8484, 0.3268, 0.2920)$

Have a look what the booklet for
Yxy(26.8484, 0.3268, 0.2920)
contains.

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Color

Yxy(26.8484, 0.3268, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	A7839C
RGB	167, 131, 156
RGB Percent	65%, 51%, 61%
CMY	0.3452, 0.4862, 0.3882
CMYK	0.00, 0.22, 0.07, 0.35
HSL	318°, 17%, 58%
HSV	318°, 22%, 65%
XYZ	30.0481, 26.8484, 35.0500
YIQ	144.6140, 13.4310, 15.4070

Conversions

Conversions Part 2

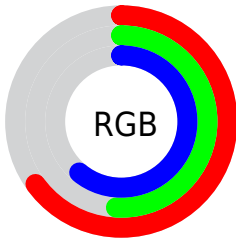
Format	Color
RYB	167, 131, 156
Decimal	10978204
CIELab	58.83, 18.06, -8.05
CIELCh	59, 19.767, 335.982
Yxy	26.8484, 0.3268, 0.2920
Android (android.graphics.Color)	4289168284 (0xFFA7839C)
YUV	144.6140, 5.6133, 19.6325
Hunter-Lab	51.8154, 12.8364, -3.8353

Details

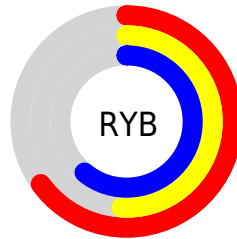
The Yxy color **26.8484, 0.3268, 0.2920** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.4051, 0.3010, 0.3691**, and the grayscale version is **28.1232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4637, 0.3241, 0.2997**, and **10.5496, 0.3319, 0.2787** is the 20% darker color. If you saturate the color by 10%, you get **22.5504, 0.3351, 0.2742**, and if you desaturate by 10%, it is **31.8788, 0.3197, 0.3096**.

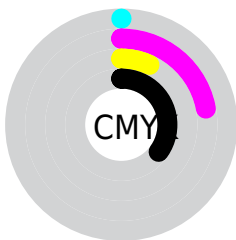
Distribution



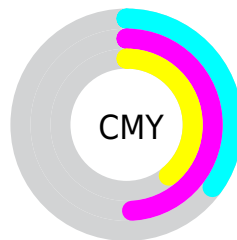
- Red (65%)
- Green (51%)
- Blue (61%)



- Red (65%)
- Yellow (51%)
- Blue (61%)



- Cyan (0%)
- Magenta (22%)
- Yellow (7%)
- Black (35%)





- Cyan (35%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8484, 0.3268, 0.2920 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 26.8484, 0.3268, 0.2920 by changing the saturation by 10% instead.


 26.8484, 0.3268,
0.2920


 26.8484, 0.3268,
0.2920


286.9224, 0.3194,
0.3116


 17.4594, 0.3288,
0.2867


 54.6405, 0.3240,
0.2994

 10.5626, 0.3314,
0.2796


 73.8124, 0.3230,
0.3021

 5.7735, 0.3351,
0.2697


 97.0140, 0.3221,
0.3044

 2.7079, 0.3405,
0.2548

124.6298, 0.3214,
0.3063

 0.9812, 0.3494,
0.2303

157.0442, 0.3208,
0.3079

 0.0000, 0.4298,
0.0000

194.6414, 0.3203,

 0.0000, 0.0000,

0.3093

0.0000

237.8060, 0.3198,
0.3106

■ 26.8484, 0.3268,
0.2920

■ 26.8484, 0.3268,
0.2920

■ 22.5504, 0.3351,
0.2742

■ 31.8788, 0.3197,
0.3096

■ 18.9466, 0.3446,
0.2567

■ 37.6704, 0.3136,
0.3265

■ 16.0007, 0.3552,
0.2403

■ 44.2548, 0.3084,
0.3425

■ 13.6716, 0.3669,
0.2260

■ 51.6606, 0.3041,
0.3574

■ 11.9138, 0.3794,
0.2149

■ 59.9151, 0.3005,
0.3713

■ 10.6752, 0.3922,
0.2078

■ 69.0444, 0.2975,
0.3840

■ 9.8941, 0.4050,
0.2055

■ 79.0733, 0.2949,
0.3957

■ 9.4735, 0.4157,
0.2064

■ 83.7521, 0.2925,
0.3968

■ 83.9893, 0.2899,
0.3906

Harmonies

Analogous

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



26.8484, 0.2933, 0.2776



26.8484, 0.3268, 0.2920



26.8484, 0.3578, 0.3152

Triad

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



26.8484, 0.3268, 0.2920



26.8484, 0.3592, 0.3853



26.8484, 0.2529, 0.3100

Complementary

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



26.8484, 0.3268, 0.2920



34.4051, 0.3010, 0.3691

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.



26.8484, 0.2687, 0.3414



26.8484, 0.3268, 0.2920



26.8484, 0.3296, 0.3871

Square

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



26.8484, 0.3268, 0.2920



26.8484, 0.3768, 0.3682



26.8484, 0.2965, 0.3708



26.8484, 0.2522, 0.2862

Rectangle

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



26.8484, 0.3268, 0.2920



26.8484, 0.3721, 0.3333



26.8484, 0.2965, 0.3708



26.8484, 0.2566, 0.3200

Sweetspot

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



26.8496, 0.3268, 0.2920



62.5711, 0.3162, 0.3189



24.7595, 0.2883, 0.2723



13.8584, 0.3166, 0.3178



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.8496, 0.3268, 0.2920



44.1415, 0.3307, 0.2832



26.2903, 0.3467, 0.3182



7.6270, 0.3182, 0.3134



7.2613, 0.4145, 0.2057



0.1851, 0.3772, 0.1852

Inverse Universe

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



26.8496, 0.3268, 0.2920



44.1415, 0.3307, 0.2832



34.9828, 0.2869, 0.3402



7.6270, 0.3182, 0.3134



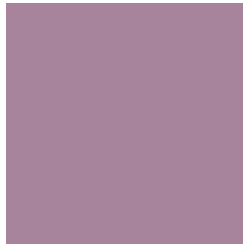
7.2613, 0.4145, 0.2057



0.1851, 0.3772, 0.1852

Previews

White Background



This preview shows how the Yxy color 26.8484, 0.3268, 0.2920 looks on a white background.

Color Contrast Check

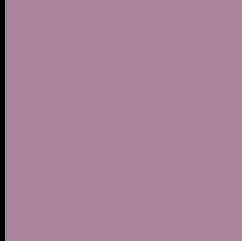
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8484, 0.3268, 0.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

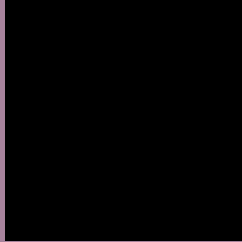
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8484, 0.3268, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 26.8484, 0.3268, 0.2920.



This preview shows how white text looks on a background with the Yxy color 26.8484, 0.3268, 0.2920.

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

26.8484, 0.3268, 0.2920

Protanopia

27.0617, 0.2896, 0.2954

Deuteranopia

27.0275, 0.3086, 0.3024



Tritanopia

26.7880, 0.3374, 0.3124

Trichromacy



Original Color

26.8484, 0.3268, 0.2920

Protanomaly

26.8189, 0.3026, 0.2932

Deuteranomaly

26.7624, 0.3153, 0.2982

Tritanomaly

26.7476, 0.3343, 0.3050

Monochromacy



Original Color

26.8484, 0.3268, 0.2920

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6984, 0.3177, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8484, 0.3268, 0.2920 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(167, 131, 156)` looks like.

```
.text, #text, p{  
    color:rgb(167, 131, 156)  
}
```

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(167, 131, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 131, 156) }
```

Border

The CSS property to change the border of an element to Yxy 26.8484, 0.3268, 0.2920 is called "border". The border property can be set on classes, ids or directly on the HTML element.

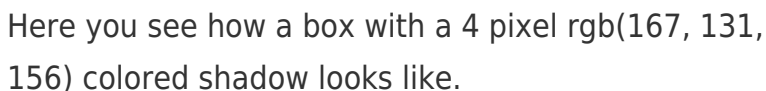
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 131, 156) }
```

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

```
.border{ border-color:rgb(167, 131, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 131, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 131, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 131, 156);  
box-shadow:4px 4px 4px 4px rgb(167, 131,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8484, 0.3268, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 131, 156) }
```

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

```
.background{ background-color: rgb(167,  
131, 156) }
```

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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