

Converting Colors

$Y_{xy}(27.0866, 0.3237, 0.2753)$

Have a look what the booklet for
Yxy(27.0866, 0.3237, 0.2753)
contains.

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Color

Yxy(27.0758, 0.3231, 0.2748)

Conversions

Conversions Part 1

Format	Color
Hex	AD80A6
RGB	173, 128, 166
RGB Percent	68%, 50%, 65%
CMY	0.3216, 0.4980, 0.3491
CMYK	0.00, 0.26, 0.04, 0.32
HSL	309°, 22%, 59%
HSV	309°, 26%, 68%
XYZ	31.8348, 27.0758, 39.6186
YIQ	145.7870, 14.6220, 21.3580

Conversions

Conversions Part 2

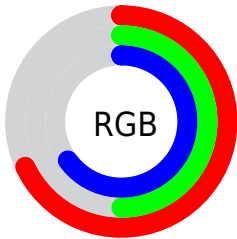
Format	Color
RYB	173, 128, 166
Decimal	11370662
CIELab	59.04, 23.77, -13.40
CIELCh	59, 27.283, 330.594
Yxy	27.0758, 0.3231, 0.2748
Android (android.graphics.Color)	4289560742 (0xFFAD80A6)
YUV	145.7870, 9.9650, 23.8658
Hunter-Lab	52.0344, 18.1464, -8.7188

Details

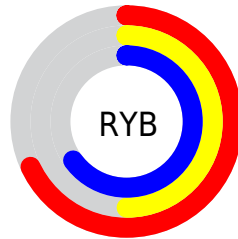
The Yxy color $27.0758, 0.3231, 0.2748$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $36.2269, 0.3038, 0.3900$, and the grayscale version is $28.6074, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9262, 0.3214, 0.2852$, and $10.6568, 0.3260, 0.2572$ is the 20% darker color. If you saturate the color by 10%, you get $22.8440, 0.3280, 0.2538$, and if you desaturate by 10%, it is $32.0816, 0.3187, 0.2960$.

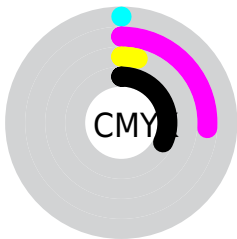
Distribution



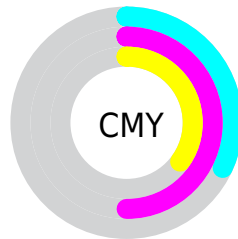
- Red (68%)
- Green (50%)
- Blue (65%)



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



- Cyan (0%)
- Magenta (26%)
- Yellow (4%)
- Black (32%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0758, 0.3231, 0.2748 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 27.0758, 0.3231, 0.2748 by changing the saturation by 10% instead.


 27.0758, 0.3231,
0.2748


 27.0758, 0.3231,
0.2748


288.0239, 0.3180,
0.3031


 17.6302, 0.3243,
0.2673


 55.0055, 0.3213,
0.2854

 10.6848, 0.3259,
0.2575


 74.2583, 0.3206,
0.2893

 5.8553, 0.3279,
0.2440


 97.5490, 0.3200,
0.2925

 2.7573, 0.3304,
0.2243

125.2619, 0.3195,
0.2953

 1.0064, 0.3336,
0.1932

157.7815, 0.3190,
0.2977

 0.0000, 0.3687,
0.0000

195.4921, 0.3186,

 0.0000, 0.0000,

0.2997

0.0000

238.7781, 0.3183,
0.3015

■ 27.0758, 0.3231,
0.2748

■ 27.0758, 0.3231,
0.2748

■ 22.8440, 0.3280,
0.2538

■ 32.0816, 0.3187,
0.2960

■ 19.3434, 0.3334,
0.2338

■ 37.8939, 0.3148,
0.3169

■ 16.5330, 0.3391,
0.2157

■ 44.5480, 0.3114,
0.3369

■ 14.3657, 0.3450,
0.2005

■ 52.0759, 0.3085,
0.3557

■ 12.7890, 0.3510,
0.1890

■ 60.5080, 0.3060,
0.3734

■ 11.7420, 0.3568,
0.1817

■ 69.8730, 0.3039,
0.3896

■ 11.1444, 0.3623,
0.1788

■ 80.1986, 0.3021,
0.4046

■ 10.9608, 0.3645,
0.1781

■ 84.0162, 0.3006,
0.4072

■ 84.1332, 0.2992,
0.4040

Harmonies

Analogous

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



27.0758, 0.2783, 0.2581



27.0758, 0.3231, 0.2748



27.0758, 0.3679, 0.3036

Triad

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



27.0758, 0.3231, 0.2748



27.0758, 0.3818, 0.4027



27.0758, 0.2342, 0.3090

Complementary

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



27.0758, 0.3231, 0.2748



36.2269, 0.3038, 0.3900

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.



27.0758, 0.2582, 0.3539



27.0758, 0.3231, 0.2748



27.0758, 0.3429, 0.4115

Square

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



27.0758, 0.3231, 0.2748



27.0758, 0.4027, 0.3751



27.0758, 0.2976, 0.3936



27.0758, 0.2298, 0.2745

Rectangle

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



27.0758, 0.3231, 0.2748



27.0758, 0.3904, 0.3270



27.0758, 0.2976, 0.3936



27.0758, 0.2402, 0.3234

Sweetspot

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



27.0770, 0.3231, 0.2748



65.5225, 0.3156, 0.3125



23.5877, 0.2754, 0.2576



13.8970, 0.3161, 0.3094



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.



27.0770, 0.3231, 0.2748



44.1319, 0.3258, 0.2631



26.3304, 0.3481, 0.3058



8.1263, 0.3160, 0.3101



8.0591, 0.3639, 0.1778



0.2299, 0.3490, 0.1696

Inverse Universe

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



27.0770, 0.3231, 0.2748



44.1319, 0.3258, 0.2631



36.9201, 0.2868, 0.3535



8.1263, 0.3160, 0.3101



8.0591, 0.3639, 0.1778



0.2299, 0.3490, 0.1696

Previews

White Background



This preview shows how the Yxy color 27.0758, 0.3231, 0.2748 looks on a white background.

Color Contrast Check

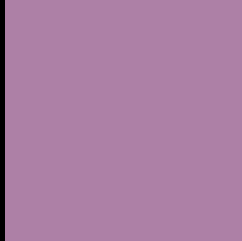
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0758, 0.3231, 0.2748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

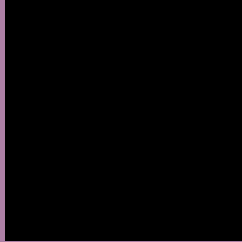
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0758, 0.3231, 0.2748

Background



This preview shows how black text looks on a background with the Yxy color 27.0758, 0.3231, 0.2748.



This preview shows how white text looks on a background with the Yxy color 27.0758, 0.3231, 0.2748.

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

27.0758, 0.3231, 0.2748

Protanopia

27.2958, 0.2755, 0.2759

Deuteranopia

27.2566, 0.2957, 0.2901



Tritanopia

27.0317, 0.3445, 0.3127

Trichromacy



Original Color

27.0758, 0.3231, 0.2748

Protanomaly

26.9764, 0.2913, 0.2743

Deuteranomaly

27.1125, 0.3052, 0.2837

Tritanomaly

27.1249, 0.3369, 0.2996

Monochromacy



Original Color

27.0758, 0.3231, 0.2748

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.8331, 0.3170, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0758, 0.3231, 0.2748 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, 128, 166)` looks like.

```
.text, #text, p{  
    color:rgb(173, 128, 166)  
}
```

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, 128, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 128, 166) }
```

Border

The CSS property to change the border of an element to Yxy 27.0758, 0.3231, 0.2748 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, 128, 166) }
```

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

```
.border{ border-color:rgb(173, 128, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 128, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 128, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 128, 166); box-shadow:4px 4px 4px 4px rgb(173, 128, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0758, 0.3231, 0.2748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 128, 166) }
```

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

```
.background{ background-color: rgb(173,  
128, 166) }
```

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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