

Converting Colors

$Y_{xy}(26.8998, 0.3073, 0.2523)$

Have a look what the booklet for
Yxy(26.8998, 0.3073, 0.2523)
contains.

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Color

Yxy(26.7741, 0.3066, 0.2511)

Conversions

Conversions Part 1

Format	Color
Hex	AC7DB5
RGB	172, 125, 181
RGB Percent	67%, 49%, 71%
CMY	0.3254, 0.5098, 0.2902
CMYK	0.05, 0.31, 0.00, 0.29
HSL	290°, 27%, 60%
HSV	290°, 31%, 71%
XYZ	32.6919, 26.7741, 47.1612
YIQ	145.4370, 10.0360, 27.3800

Conversions

Conversions Part 2

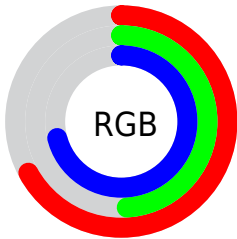
Format	Color
RYB	172, 125, 181
Decimal	11304373
CIELab	58.76, 28.06, -22.42
CIELCh	59, 35.918, 321.380
Yxy	26.7741, 0.3066, 0.2511
Android (android.graphics.Color)	4289494453 (0xFFAC7DB5)
YUV	145.4370, 17.5326, 23.2958
Hunter-Lab	51.7437, 22.2257, -17.8186

Details

The Yxy color **26.7741, 0.3066, 0.2511** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.5941, 0.3160, 0.4163**, and the grayscale version is **28.4277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4492, 0.3084, 0.2657**, and **10.5126, 0.3032, 0.2273** is the 20% darker color. If you saturate the color by 10%, you get **22.2783, 0.3037, 0.2257**, and if you desaturate by 10%, it is **32.1144, 0.3090, 0.2769**.

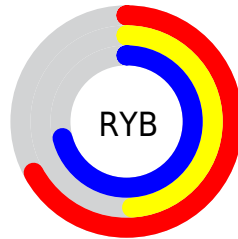
Distribution



Red (67%)

Green (49%)

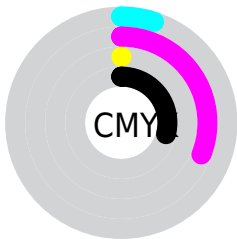
Blue (71%)



Red (67%)

Yellow (49%)

Blue (71%)

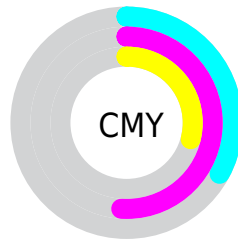


Cyan (5%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7741, 0.3066, 0.2511 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 26.7741, 0.3066, 0.2511 by changing the saturation by 10% instead.


 26.7741, 0.3066,
0.2511


 26.7741, 0.3066,
0.2511


286.5617, 0.3108,
0.2911


 17.4036, 0.3051,
0.2408


 54.5212, 0.3084,
0.2659

 10.5227, 0.3030,
0.2276


 73.6665, 0.3090,
0.2713

 5.7469, 0.2996,
0.2097


 96.8390, 0.3095,
0.2759

 2.6918, 0.2938,
0.1847

124.4230, 0.3099,
0.2799

 0.9730, 0.2825,
0.1476

156.8029, 0.3102,
0.2833

 0.0000, 0.2710,
0.0000

194.3630, 0.3104,

 0.0000, 0.0000,

0.2862

0.0000

237.4878, 0.3106,
0.2888

■ 26.7741, 0.3066,
0.2511

■ 26.7741, 0.3066,
0.2511

■ 22.2783, 0.3037,
0.2257

■ 32.1144, 0.3090,
0.2769

■ 18.5782, 0.3005,
0.2017

■ 38.3377, 0.3110,
0.3023

■ 15.6250, 0.2968,
0.1801

■ 45.4844, 0.3126,
0.3268

■ 13.3634, 0.2928,
0.1619


■ 53.5913, 0.3138,
0.3498


■ 11.7302, 0.2887,
0.1477


■ 62.6933, 0.3147,
0.3713


 10.6507, 0.2845,
0.1379

 72.8234, 0.3154,
0.3910

 10.0123, 0.2808,
0.1320

 84.0130, 0.3158,
0.4090

 86.4883, 0.3174,
0.4118

 86.8789, 0.3192,
0.4113

Harmonies

Analogous

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



26.7741, 0.2522, 0.2355



26.7741, 0.3066, 0.2511



26.7741, 0.3683, 0.2832

Triad

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



26.7741, 0.3066, 0.2511



26.7741, 0.4140, 0.4144



26.7741, 0.2179, 0.3185

Complementary

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



26.7741, 0.3066, 0.2511



39.5941, 0.3160, 0.4163

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.



26.7741, 0.2548, 0.3806



26.7741, 0.3066, 0.2511



26.7741, 0.3679, 0.4383

Square

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



26.7741, 0.3066, 0.2511



26.7741, 0.4333, 0.3725



26.7741, 0.3094, 0.4279



26.7741, 0.2052, 0.2680

Rectangle

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



26.7741, 0.3066, 0.2511



26.7741, 0.4034, 0.3109



26.7741, 0.3094, 0.4279



26.7741, 0.2277, 0.3390

Sweetspot

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



26.7753, 0.3066, 0.2511



70.8336, 0.3113, 0.3068



24.8362, 0.2605, 0.2551



14.9328, 0.3111, 0.3032



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.7753, 0.3066, 0.2511



42.4159, 0.3047, 0.2341



27.1094, 0.3365, 0.2770



8.5765, 0.3113, 0.3064



6.9272, 0.2813, 0.1323



0.2364, 0.2930, 0.1388

Inverse Universe

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



26.2092, 0.3703, 0.3162



41.3087, 0.3883, 0.3134



39.4109, 0.2949, 0.3876



8.5267, 0.3263, 0.3254



6.8404, 0.6144, 0.3158



0.2220, 0.5481, 0.2793

Previews

White Background



This preview shows how the Yxy color 26.7741, 0.3066, 0.2511 looks on a white background.

Color Contrast Check

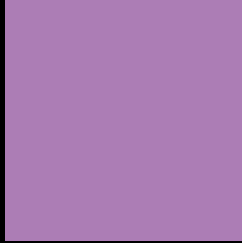
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7741, 0.3066, 0.2511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

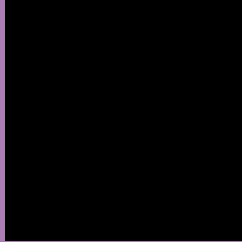
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7741, 0.3066, 0.2511

Background



This preview shows how black text looks on a background with the Yxy color 26.7741, 0.3066, 0.2511.



This preview shows how white text looks on a background with the Yxy color 26.7741, 0.3066, 0.2511.

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

26.7741, 0.3066, 0.2511

Protanopia

27.0740, 0.2551, 0.2499

Deuteranopia

26.9138, 0.2737, 0.2686



Tritanopia

26.7012, 0.3411, 0.3125

Trichromacy



Original Color

26.7741, 0.3066, 0.2511

Protanomaly

26.7984, 0.2715, 0.2503

Deuteranomaly

26.6944, 0.2848, 0.2617

Tritanomaly

26.5699, 0.3283, 0.2879

Monochromacy



Original Color

26.7741, 0.3066, 0.2511

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6141, 0.3109, 0.2984

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7741, 0.3066, 0.2511 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(172, 125, 181)` looks like.

```
.text, #text, p{  
    color:rgb(172, 125, 181)  
}
```

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(172, 125, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 125, 181) }
```

Border

The CSS property to change the border of an element to Yxy 26.7741, 0.3066, 0.2511 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(172, 125, 181) }
```

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

```
.border{ border-color:rgb(172, 125, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 125, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 125, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 125, 181);  
box-shadow:4px 4px 4px 4px rgb(172, 125,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7741, 0.3066, 0.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 125, 181) }
```

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

```
.background{ background-color: rgb(172,  
125, 181) }
```

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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