

Converting Colors

$Y_{xy}(27.0363, 0.3048, 0.2679)$

Have a look what the booklet for
Yxy(27.0363, 0.3048, 0.2679)
contains.

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Color

Yxy(27.0363, 0.3048, 0.2679)

Conversions

Conversions Part 1

Format	Color
Hex	A383AD
RGB	163, 131, 173
RGB Percent	64%, 51%, 68%
CMY	0.3608, 0.4862, 0.3216
CMYK	0.06, 0.24, 0.00, 0.32
HSL	286°, 20%, 60%
HSV	286°, 24%, 68%
XYZ	30.7602, 27.0363, 43.1228
YIQ	145.3560, 5.5900, 19.8460

Conversions

Conversions Part 2

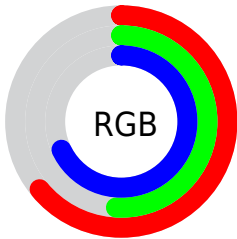
Format	Color
RYB	163, 131, 173
Decimal	10716077
CIELab	59.01, 19.97, -17.55
CIELCh	59, 26.589, 318.696
Yxy	27.0363, 0.3048, 0.2679
Android (android.graphics.Color)	4288906157 (0xFFA383AD)
YUV	145.3560, 13.6285, 15.4738
Hunter-Lab	51.9964, 14.6038, -12.7742

Details

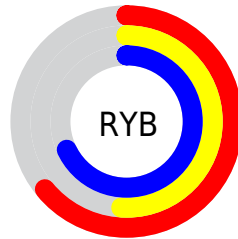
The Yxy color **27.0363, 0.3048, 0.2679** is a light color, and the websafe version is hex **996699**. A complement of this color would be **37.1821, 0.3185, 0.3944**, and the grayscale version is **28.4096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8435, 0.3062, 0.2790**, and **10.6448, 0.3008, 0.2472** is the 20% darker color. If you saturate the color by 10%, you get **22.3442, 0.3005, 0.2415**, and if you desaturate by 10%, it is **32.5206, 0.3085, 0.2939**.

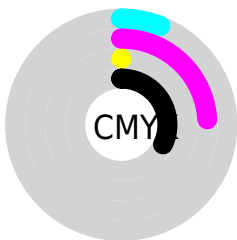
Distribution



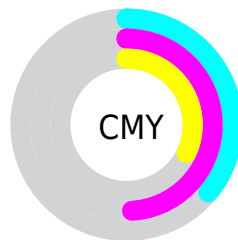
- Red (64%)
- Green (51%)
- Blue (68%)



- Red (64%)
- Yellow (51%)
- Blue (68%)



- Cyan (6%)
- Magenta (24%)
- Yellow (0%)
- Black (32%)





- Cyan (36%)
- Magenta (49%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0363, 0.3048, 0.2679 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 27.0363, 0.3048, 0.2679 by changing the saturation by 10% instead.


 27.0363, 0.3048,
0.2679


 27.0363, 0.3048,
0.2679


287.8328, 0.3096,
0.2998


 17.6005, 0.3033,
0.2595


 54.9421, 0.3068,
0.2798

 10.6635, 0.3011,
0.2485


 74.1809, 0.3074,
0.2842

 5.8411, 0.2978,
0.2335


 97.4561, 0.3080,
0.2878

 2.7487, 0.2923,
0.2118

125.1522, 0.3084,
0.2909

 1.0020, 0.2818,
0.1781

157.6535, 0.3088,
0.2936

 0.0000, 0.2558,
0.0000

195.3445, 0.3091,

 0.0000, 0.0000,

0.2959

0.0000

238.6094, 0.3094,
0.2980

■ 27.0363, 0.3048,
0.2679

■ 27.0363, 0.3048,
0.2679

■ 22.3442, 0.3005,
0.2415

■ 32.5206, 0.3085,
0.2939

■ 18.4023, 0.2955,
0.2155

■ 38.8297, 0.3116,
0.3188

■ 15.1697, 0.2900,
0.1909

■ 45.9983, 0.3141,
0.3423

■ 12.6005, 0.2840,
0.1688

■ 54.0583, 0.3161,
0.3641

■ 10.6430, 0.2778,
0.1502

■ 63.0399, 0.3177,
0.3841

9.2378, 0.2714,
0.1358

72.9718, 0.3190,
0.4023

8.3136, 0.2651,
0.1259

83.8815, 0.3199,
0.4188

7.9059, 0.2616,
0.1215

86.2635, 0.3222,
0.4208

86.8231, 0.3248,
0.4200

Harmonies

Analogous

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



27.0363, 0.2645, 0.2574



27.0363, 0.3048, 0.2679



27.0363, 0.3502, 0.2919

Triad

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



27.0363, 0.3048, 0.2679



27.0363, 0.3909, 0.3920



27.0363, 0.2432, 0.3264

Complementary

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



27.0363, 0.3048, 0.2679



37.1821, 0.3185, 0.3944

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.



27.0363, 0.2734, 0.3702



27.0363, 0.3048, 0.2679



27.0363, 0.3587, 0.4089

Square

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



27.0363, 0.3048, 0.2679



27.0363, 0.4018, 0.3607



27.0363, 0.3155, 0.4019



27.0363, 0.2311, 0.2874

Rectangle

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



27.0363, 0.3048, 0.2679



27.0363, 0.3764, 0.3133



27.0363, 0.3155, 0.4019



27.0363, 0.2515, 0.3412

Sweetspot

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



27.0375, 0.3048, 0.2679



66.1724, 0.3108, 0.3118



27.0412, 0.2735, 0.2791



14.2385, 0.3106, 0.3104



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.



27.0375, 0.3048, 0.2679



43.8533, 0.3026, 0.2541



27.7438, 0.3265, 0.2839



8.0506, 0.3101, 0.3064



5.8365, 0.2622, 0.1218



0.1854, 0.2810, 0.1322

Inverse Universe

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



27.0409, 0.3505, 0.3143



43.9071, 0.3615, 0.3110



36.6445, 0.3013, 0.3789



8.0454, 0.3250, 0.3236



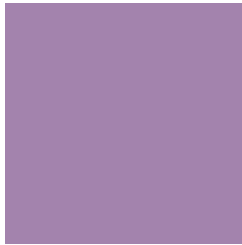
6.6531, 0.5930, 0.3040



0.1935, 0.5097, 0.2581

Previews

White Background



This preview shows how the Yxy color 27.0363, 0.3048, 0.2679 looks on a white background.

Color Contrast Check

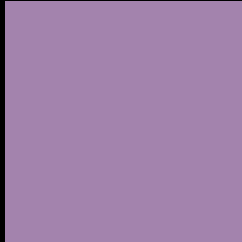
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0363, 0.3048, 0.2679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

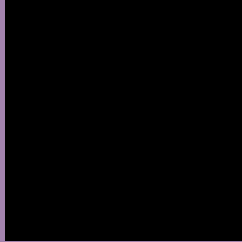
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0363, 0.3048, 0.2679

Background



This preview shows how black text looks on a background with the Yxy color 27.0363, 0.3048, 0.2679.



This preview shows how white text looks on a background with the Yxy color 27.0363, 0.3048, 0.2679.

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

27.0363, 0.3048, 0.2679

Protanopia

27.2506, 0.2687, 0.2684

Deuteranopia

27.0682, 0.2844, 0.2792



Tritanopia

27.0546, 0.3279, 0.3136

Trichromacy



Original Color

27.0363, 0.3048, 0.2679

Protanomaly

26.9053, 0.2809, 0.2679

Deuteranomaly

26.9764, 0.2913, 0.2743

Tritanomaly

26.9241, 0.3187, 0.2957

Monochromacy



Original Color

27.0363, 0.3048, 0.2679

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.7981, 0.3106, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0363, 0.3048, 0.2679 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(163, 131, 173)` looks like.

```
.text, #text, p{  
    color:rgb(163, 131, 173)  
}
```

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(163, 131, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 131, 173) }
```

Border

The CSS property to change the border of an element to Yxy 27.0363, 0.3048, 0.2679 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(163, 131, 173) }
```

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

```
.border{ border-color:rgb(163, 131, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 131, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 131, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 131, 173);  
box-shadow:4px 4px 4px 4px rgb(163, 131,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0363, 0.3048, 0.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 131, 173) }
```

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

```
.background{ background-color: rgb(163,  
131, 173) }
```

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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