

Converting Colors

$Y_{xy}(27.2809, 0.3005, 0.2601)$

Have a look what the booklet for
Yxy(27.2809, 0.3005, 0.2601)
contains.

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Color

Yxy(27.3798, 0.3000, 0.2602)

Conversions

Conversions Part 1

Format	Color
Hex	A483B3
RGB	164, 131, 179
RGB Percent	64%, 51%, 70%
CMY	0.3568, 0.4863, 0.2980
CMYK	0.08, 0.27, 0.00, 0.30
HSL	281°, 24%, 61%
HSV	281°, 27%, 70%
XYZ	31.5678, 27.3798, 46.2784
YIQ	146.3390, 4.2600, 21.9240

Conversions

Conversions Part 2

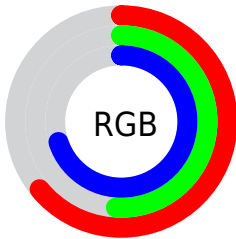
Format	Color
RYB	164, 131, 179
Decimal	10781619
CIELab	59.32, 21.59, -20.50
CIElCh	59, 29.774, 316.477
Yxy	27.3798, 0.3000, 0.2602
Android (android.graphics.Color)	4288971699 (0xFFA483B3)
YUV	146.3390, 16.1019, 15.4887
Hunter-Lab	52.3257, 16.1180, -15.8098

Details

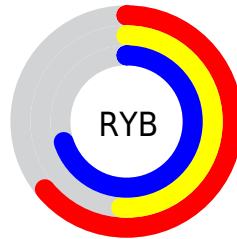
The Yxy color **27.3798, 0.3000, 0.2602** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.9959, 0.3221, 0.4017**, and the grayscale version is **28.8237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3392, 0.3026, 0.2730**, and **10.8360, 0.2953, 0.2389** is the 20% darker color. If you saturate the color by 10%, you get **22.3991, 0.2938, 0.2330**, and if you desaturate by 10%, it is **33.2198, 0.3054, 0.2869**.

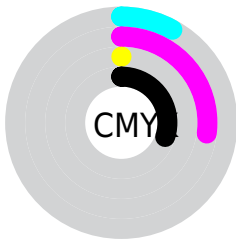
Distribution



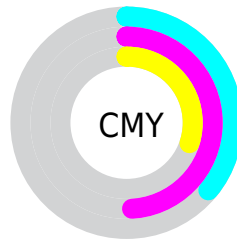
- Red (64%)
- Green (51%)
- Blue (70%)



- Red (64%)
- Yellow (51%)
- Blue (70%)



- Cyan (8%)
- Magenta (27%)
- Yellow (0%)
- Black (30%)





- Cyan (36%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3798, 0.3000, 0.2602 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 27.3798, 0.3000, 0.2602 by changing the saturation by 10% instead.


 27.3798, 0.3000,
0.2602


 27.3798, 0.3000,
0.2602


289.4914, 0.3075,
0.2958


 17.8587, 0.2977,
0.2510


 55.4927, 0.3030,
0.2734

 10.8486, 0.2945,
0.2389


 74.8533, 0.3041,
0.2783

 5.9651, 0.2898,
0.2226


 98.2625, 0.3049,
0.2824

 2.8239, 0.2821,
0.1994

126.1047, 0.3056,
0.2859

 1.0405, 0.2682,
0.1642

158.7643, 0.3062,
0.2889

 0.0000, 0.2448,
0.0000

196.6257, 0.3067,

 0.0000, 0.0000,

0.2915

0.0000

240.0732, 0.3071,
0.2938

■ 27.3798, 0.3000,
0.2602

■ 27.3798, 0.3000,
0.2602

■ 22.3991, 0.2938,
0.2330

■ 33.2198, 0.3054,
0.2869

■ 18.2311, 0.2867,
0.2062

■ 39.9555, 0.3100,
0.3124

■ 14.8302, 0.2790,
0.1808

■ 47.6255, 0.3139,
0.3364

■ 12.1445, 0.2709,
0.1580

■ 56.2652, 0.3170,
0.3586

■ 10.1157, 0.2624,
0.1389

■ 65.9079, 0.3196,
0.3789

8.6762, 0.2541,
0.1243

76.5855, 0.3217,
0.3973

7.7312, 0.2460,
0.1143

87.4928, 0.3234,
0.4127

7.4758, 0.2435,
0.1115

88.2925, 0.3270,
0.4118

89.1207, 0.3306,
0.4108

Harmonies

Analogous

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



27.3798, 0.2565, 0.2498



27.3798, 0.3000, 0.2602



27.3798, 0.3507, 0.2856

Triad

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



27.3798, 0.3000, 0.2602



27.3798, 0.4013, 0.3962



27.3798, 0.2375, 0.3293

Complementary

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



27.3798, 0.3000, 0.2602



39.9959, 0.3221, 0.4017

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.



27.3798, 0.2719, 0.3786



27.3798, 0.3000, 0.2602



27.3798, 0.3667, 0.4175

Square

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



27.3798, 0.3000, 0.2602



27.3798, 0.4118, 0.3606



27.3798, 0.3190, 0.4126



27.3798, 0.2227, 0.2850

Rectangle

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



27.3798, 0.3000, 0.2602



27.3798, 0.3809, 0.3085



27.3798, 0.3190, 0.4126



27.3798, 0.2470, 0.3461

Sweetspot

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



27.3810, 0.3000, 0.2602



69.8723, 0.3095, 0.3092



28.6997, 0.2693, 0.2780



15.0642, 0.3088, 0.3054



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.



27.3810, 0.3000, 0.2602



43.7484, 0.2965, 0.2447



28.7267, 0.3249, 0.2746



8.5110, 0.3089, 0.3062



5.3172, 0.2444, 0.1120



0.1966, 0.2666, 0.1242

Inverse Universe

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



27.8913, 0.3518, 0.3076



44.8829, 0.3631, 0.3028



38.9598, 0.3026, 0.3903



8.5475, 0.3240, 0.3219



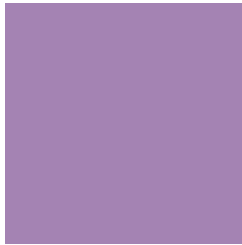
6.9838, 0.5683, 0.2904



0.2305, 0.4879, 0.2462

Previews

White Background



This preview shows how the Yxy color 27.3798, 0.3000, 0.2602 looks on a white background.

Color Contrast Check

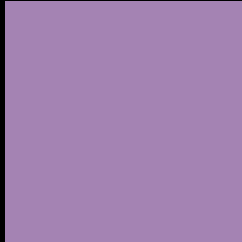
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3798, 0.3000, 0.2602 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 27.3798, 0.3000, 0.2602

Background



This preview shows how black text looks on a background with the Yxy color 27.3798, 0.3000, 0.2602.



This preview shows how white text looks on a background with the Yxy color 27.3798, 0.3000, 0.2602.

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

27.3798, 0.3000, 0.2602

Protanopia

27.4202, 0.2631, 0.2600

Deuteranopia

27.4195, 0.2774, 0.2720



Tritanopia

27.4004, 0.3257, 0.3121

Trichromacy



Original Color

27.3798, 0.3000, 0.2602

Protanomaly

27.1499, 0.2758, 0.2598

Deuteranomaly

27.4016, 0.2849, 0.2674

Tritanomaly

27.4082, 0.3166, 0.2930

Monochromacy



Original Color

27.3798, 0.3000, 0.2602

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2907, 0.3087, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3798, 0.3000, 0.2602 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(164, 131, 179)` looks like.

```
.text, #text, p{  
    color:rgb(164, 131, 179)  
}
```

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(164, 131, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 131, 179) }
```

Border

The CSS property to change the border of an element to Yxy 27.3798, 0.3000, 0.2602 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(164, 131, 179) }
```

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

```
.border{ border-color:rgb(164, 131, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 131, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 131, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 131, 179);  
box-shadow:4px 4px 4px 4px rgb(164, 131,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3798, 0.3000, 0.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 131, 179) }
```

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

```
.background{ background-color: rgb(164,  
131, 179) }
```

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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