

Converting Colors

$Y_{xy}(26.3229, 0.3111, 0.2471)$

Have a look what the booklet for
Yxy(26.3229, 0.3111, 0.2471)
contains.

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Color

Yxy(26.2410, 0.3110, 0.2467)

Conversions

Conversions Part 1

Format	Color
Hex	B079B5
RGB	176, 121, 181
RGB Percent	69%, 47%, 71%
CMY	0.3099, 0.5255, 0.2901
CMYK	0.03, 0.33, 0.00, 0.29
HSL	295°, 29%, 59%
HSV	295°, 33%, 71%
XYZ	33.0805, 26.2410, 47.0466
YIQ	144.2850, 13.5200, 30.3200

Conversions

Conversions Part 2

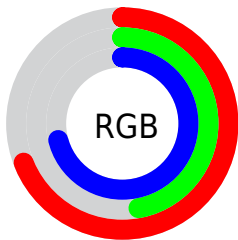
Format	Color
R _Y B	176, 121, 181
Decimal	11565493
CIE Lab	58.27, 31.60, -23.16
CIE LCh	58, 39.176, 323.764
Yxy	26.2410, 0.3110, 0.2467
Android (android.graphics.Color)	4289755573 (0xFFB079B5)
YUV	144.2850, 18.1005, 27.8141
Hunter-Lab	51.2260, 25.6254, -18.5945

Details

The Yxy color **26.2410, 0.3110, 0.2467** is a light color, and the websafe version is hex **996699**. A complement of this color would be **38.8747, 0.3123, 0.4246**, and the grayscale version is **27.9329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5423, 0.3117, 0.2620**, and **10.2026, 0.3080, 0.2217** is the 20% darker color. If you saturate the color by 10%, you get **22.0711, 0.3100, 0.2225**, and if you desaturate by 10%, it is **31.2406, 0.3118, 0.2718**.

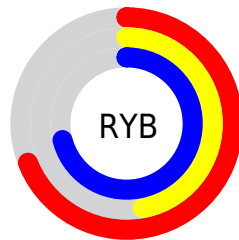
Distribution



Red (69%)

Green (47%)

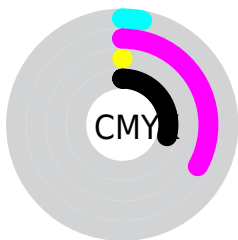
Blue (71%)



Red (69%)

Yellow (47%)

Blue (71%)

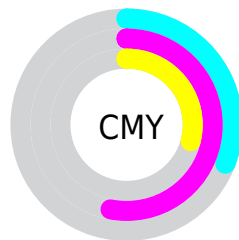


Cyan (3%)

Magenta (33%)

Yellow (0%)

Black (29%)



Cyan (31%)


Magenta (53%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2410, 0.3110, 0.2467 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 26.2410, 0.3110, 0.2467 by changing the saturation by 10% instead.

 26.2410, 0.3110,
0.2467


 26.2410, 0.3110,
0.2467


283.9631, 0.3130,
0.2889


 17.0040, 0.3101,
0.2359


 53.6635, 0.3120,
0.2622

 10.2374, 0.3086,
0.2220


 72.6178, 0.3123,
0.2680

 5.5566, 0.3062,
0.2034


 95.5800, 0.3125,
0.2728

 2.5774, 0.3016,
0.1774

122.9344, 0.3127,
0.2770

 0.9153, 0.2922,
0.1393

155.0656, 0.3128,
0.2806

 0.0000, 0.2843,
0.0000

192.3578, 0.3129,

 0.0000, 0.0000,

0.2837

0.0000

235.1956, 0.3129,
0.2864

■ 26.2410, 0.3110,
0.2467

■ 26.2410, 0.3110,
0.2467

■ 22.0711, 0.3100,
0.2225

■ 31.2406, 0.3118,
0.2718

■ 18.6814, 0.3087,
0.2002

■ 37.1093, 0.3123,
0.2969

■ 16.0219, 0.3071,
0.1808


■ 43.8879, 0.3126,
0.3215


■ 14.0361, 0.3054,
0.1650

■ 51.6137, 0.3128,
0.3449


■ 12.6584, 0.3034,
0.1533


■ 60.3219, 0.3128,
0.3669


 11.8107, 0.3014,
0.1460

 70.0459, 0.3127,
0.3873

 11.4252, 0.2999,
0.1426

 80.8175, 0.3125,
0.4059

 85.5653, 0.3130,
0.4128

 85.7595, 0.3139,
0.4126

Harmonies

Analogous

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



26.2410, 0.2506, 0.2282



26.2410, 0.3110, 0.2467



26.2410, 0.3786, 0.2823

Triad

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



26.2410, 0.3110, 0.2467



26.2410, 0.4198, 0.4245



26.2410, 0.2074, 0.3116

Complementary

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



26.2410, 0.3110, 0.2467



38.8747, 0.3123, 0.4246

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.



26.2410, 0.2451, 0.3805



26.2410, 0.3110, 0.2467



26.2410, 0.3674, 0.4498

Square

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



26.2410, 0.3110, 0.2467



26.2410, 0.4444, 0.3792



26.2410, 0.3033, 0.4359



26.2410, 0.1961, 0.2585

Rectangle

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



26.2410, 0.3110, 0.2467



26.2410, 0.4161, 0.3126



26.2410, 0.3033, 0.4359



26.2410, 0.2171, 0.3339

Sweetspot

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



26.2421, 0.3110, 0.2467



69.8948, 0.3124, 0.3044



22.5842, 0.2555, 0.2422



14.7577, 0.3124, 0.3009



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.



26.2421, 0.3110, 0.2467



41.2404, 0.3102, 0.2284



25.9379, 0.3434, 0.2785



8.6098, 0.3125, 0.3065



7.8893, 0.3002, 0.1428



0.2588, 0.3064, 0.1461

Inverse Universe

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



25.0106, 0.3818, 0.3219



38.7315, 0.4053, 0.3203



39.1653, 0.2909, 0.3859



8.5165, 0.3274, 0.3271



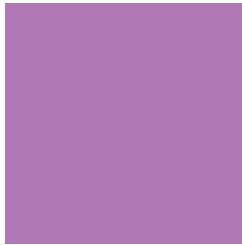
6.8009, 0.6289, 0.3238



0.2178, 0.5872, 0.3008

Previews

White Background



This preview shows how the Yxy color 26.2410, 0.3110, 0.2467 looks on a white background.

Color Contrast Check

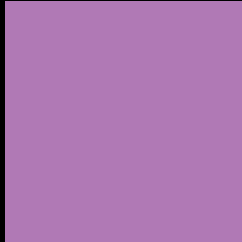
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2410, 0.3110, 0.2467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

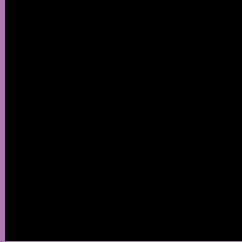
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2410, 0.3110, 0.2467

Background



This preview shows how black text looks on a background with the Yxy color 26.2410, 0.3110, 0.2467.



This preview shows how white text looks on a background with the Yxy color 26.2410, 0.3110, 0.2467.

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

26.2410, 0.3110, 0.2467

Protanopia

26.3571, 0.2508, 0.2436

Deuteranopia

26.4596, 0.2717, 0.2667



Tritanopia

26.1106, 0.3499, 0.3141

Trichromacy



Original Color

26.2410, 0.3110, 0.2467

Protanomaly

26.0163, 0.2703, 0.2444

Deuteranomaly

26.1468, 0.2847, 0.2586

Tritanomaly

26.0255, 0.3355, 0.2881

Monochromacy



Original Color

26.2410, 0.3110, 0.2467

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.1106, 0.3131, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2410, 0.3110, 0.2467 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(176, 121, 181)` looks like.

```
.text, #text, p{  
    color:rgb(176, 121, 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(176, 121, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 121, 181) }
```

Border

The CSS property to change the border of an element to Yxy 26.2410, 0.3110, 0.2467 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(176, 121, 181) }
```

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

```
.border{ border-color:rgb(176, 121, 181) }
```

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

Here you see how a box with a 4 pixel rgb(176, 121, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 121, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 121, 181);  
box-shadow:4px 4px 4px 4px rgb(176, 121,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2410, 0.3110, 0.2467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 121, 181) }
```

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

```
.background{ background-color: rgb(176,  
121, 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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