

Converting Colors

$Y_{xy}(26.1521, 0.3177, 0.2476)$

Have a look what the booklet for
Yxy(26.1521, 0.3177, 0.2476)
contains.

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Color

Yxy(26.1516, 0.3177, 0.2476)

Conversions

Conversions Part 1

Format	Color
Hex	B477B3
RGB	180, 119, 179
RGB Percent	71%, 47%, 70%
CMY	0.2941, 0.5333, 0.2981
CMYK	0.00, 0.34, 0.01, 0.29
HSL	301°, 29%, 59%
HSV	301°, 34%, 71%
XYZ	33.5556, 26.1516, 45.9132
YIQ	144.0790, 17.0960, 31.5920

Conversions

Conversions Part 2

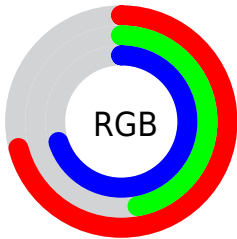
Format	Color
R_{YB}	180, 119, 179
Decimal	11827123
CIE _{Lab}	58.18, 33.64, -22.08
CIE _{LCh}	58, 40.237, 326.721
Yxy	26.1516, 0.3177, 0.2476
Android (android.graphics.Color)	4290017203 (0xFFB477B3)
YUV	144.0790, 17.2161, 31.5027
Hunter-Lab	51.1386, 27.6336, -17.4346

Details

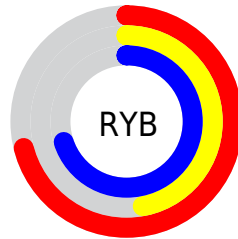
The Yxy color **26.1516, 0.3177, 0.2476** is a light color, and the websafe version is hex **996699**. A complement of this color would be **37.9264, 0.3073, 0.4266**, and the grayscale version is **27.8482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5077, 0.3175, 0.2627**, and **10.1982, 0.3177, 0.2235** is the 20% darker color. If you saturate the color by 10%, you get **22.2537, 0.3192, 0.2249**, and if you desaturate by 10%, it is **30.8633, 0.3162, 0.2715**.

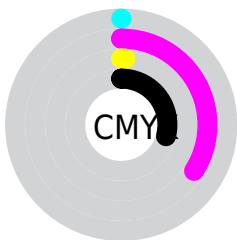
Distribution



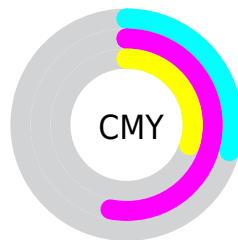
- Red (71%)
- Green (47%)
- Blue (70%)



- Red (71%)
- Yellow (47%)
- Blue (70%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (29%)





- Cyan (29%)
- Magenta (53%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1516, 0.3177, 0.2476 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 26.1516, 0.3177, 0.2476 by changing the saturation by 10% instead.


 26.1516, 0.3177,
0.2476


 26.1516, 0.3177,
0.2476


283.5255, 0.3161,
0.2893


 16.9371, 0.3178,
0.2369


 53.5194, 0.3173,
0.2630

 10.1896, 0.3176,
0.2232


 72.4415, 0.3171,
0.2687

 5.5249, 0.3170,
0.2047


 95.3682, 0.3169,
0.2735

 2.5584, 0.3151,
0.1789

122.6840, 0.3167,
0.2776

 0.9058, 0.3100,
0.1409

154.7732, 0.3166,
0.2811

 0.0000, 0.3148,
0.0000

192.0203, 0.3164,

 0.0000, 0.0000,

0.2842

0.0000

234.8096, 0.3162,
0.2869

■ 26.1516, 0.3177,
0.2476

■ 26.1516, 0.3177,
0.2476

■ 22.2537, 0.3192,
0.2249

■ 30.8633, 0.3162,
0.2715

■ 19.1203, 0.3206,
0.2044

■ 36.4277, 0.3147,
0.2959

■ 16.7019, 0.3220,
0.1870


■ 42.8853, 0.3132,
0.3199


■ 14.9420, 0.3231,
0.1733

■ 50.2731, 0.3119,
0.3430

■ 13.7754, 0.3241,
0.1639

■ 58.6259, 0.3107,
0.3649


 13.1238, 0.3248,
0.1585

 67.9769, 0.3095,
0.3852

 12.8771, 0.3252,
0.1565

 78.3574, 0.3085,
0.4040

 84.5783, 0.3079,
0.4136

 84.5909, 0.3078,
0.4132

Harmonies

Analogous

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



26.1516, 0.2542, 0.2268



26.1516, 0.3177, 0.2476



26.1516, 0.3868, 0.2854

Triad

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



26.1516, 0.3177, 0.2476



26.1516, 0.4181, 0.4306



26.1516, 0.2024, 0.3045

Complementary

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



26.1516, 0.3177, 0.2476



37.9264, 0.3073, 0.4266

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.



26.1516, 0.2383, 0.3750



26.1516, 0.3177, 0.2476



26.1516, 0.3623, 0.4540

Square

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



26.1516, 0.3177, 0.2476



26.1516, 0.4471, 0.3850



26.1516, 0.2964, 0.4352



26.1516, 0.1936, 0.2525

Rectangle

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



26.1516, 0.3177, 0.2476



26.1516, 0.4237, 0.3168



26.1516, 0.2964, 0.4352



26.1516, 0.2114, 0.3269

Sweetspot

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



26.1528, 0.3177, 0.2476



70.2044, 0.3141, 0.3049



20.4847, 0.2537, 0.2301



14.8336, 0.3143, 0.3015



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.



26.1528, 0.3177, 0.2476



41.7713, 0.3189, 0.2297



25.0528, 0.3529, 0.2870



8.6442, 0.3140, 0.3069



8.9872, 0.3251, 0.1565



0.2836, 0.3239, 0.1558

Inverse Universe

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



26.1528, 0.3177, 0.2476



41.7713, 0.3189, 0.2297



38.7883, 0.2854, 0.3756



8.6442, 0.3140, 0.3069



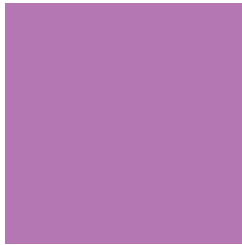
8.9872, 0.3251, 0.1565



0.2836, 0.3239, 0.1558

Previews

White Background



This preview shows how the Yxy color 26.1516, 0.3177, 0.2476 looks on a white background.

Color Contrast Check

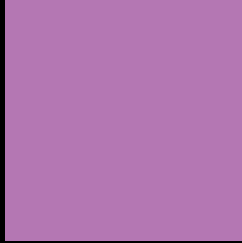
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1516, 0.3177, 0.2476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

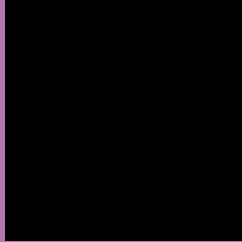
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1516, 0.3177, 0.2476

Background



This preview shows how black text looks on a background with the Yxy color 26.1516, 0.3177, 0.2476.



This preview shows how white text looks on a background with the Yxy color 26.1516, 0.3177, 0.2476.

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

26.1516, 0.3177, 0.2476

Protanopia

26.3123, 0.2515, 0.2449

Deuteranopia

26.2601, 0.2751, 0.2682



Tritanopia

25.9836, 0.3576, 0.3143

Trichromacy



Original Color

26.1516, 0.3177, 0.2476

Protanomaly

25.7927, 0.2719, 0.2444

Deuteranomaly

25.8150, 0.2894, 0.2588

Tritanomaly

25.9124, 0.3428, 0.2886

Monochromacy



Original Color

26.1516, 0.3177, 0.2476

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9304, 0.3143, 0.2954

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1516, 0.3177, 0.2476 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(180, 119, 179)` looks like.

```
.text, #text, p{  
    color:rgb(180, 119, 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(180, 119, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 119, 179) }
```

Border

The CSS property to change the border of an element to Yxy 26.1516, 0.3177, 0.2476 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(180, 119, 179) }
```

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

```
.border{ border-color:rgb(180, 119, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 119, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 119, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 119, 179);  
box-shadow:4px 4px 4px 4px rgb(180, 119,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1516, 0.3177, 0.2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 119, 179) }
```

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

```
.background{ background-color: rgb(180,  
119, 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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