

Converting Colors

$Y_{xy}(26.4979, 0.3223, 0.2444)$

Have a look what the booklet for
Yxy(26.4979, 0.3223, 0.2444)
contains.

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Color

Yxy(26.4979, 0.3223, 0.2444)

Conversions

Conversions Part 1

Format	Color
Hex	BA75B5
RGB	186, 117, 181
RGB Percent	73%, 46%, 71%
CMY	0.2707, 0.5411, 0.2903
CMYK	0.00, 0.37, 0.03, 0.27
HSL	304°, 33%, 59%
HSV	304°, 37%, 73%
XYZ	34.9438, 26.4979, 46.9785
YIQ	144.9270, 20.5800, 34.5320

Conversions

Conversions Part 2

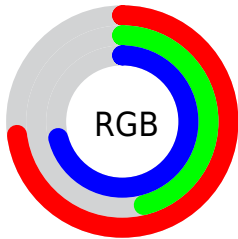
Format	Color
R _Y B	186, 117, 181
Decimal	12219829
CIE Lab	58.51, 37.04, -22.67
CIE LCh	59, 43.426, 328.535
Yxy	26.4979, 0.3223, 0.2444
Android (android.graphics.Color)	4290409909 (0xFFBA75B5)
YUV	144.9270, 17.7840, 36.0210
Hunter-Lab	51.4761, 31.0890, -18.0764

Details

The Yxy color **26.4979, 0.3223, 0.2444** is a light color, and the websafe version is hex **996699**. A complement of this color would be **40.2933, 0.3041, 0.4314**, and the grayscale version is **28.2054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9186, 0.3210, 0.2598**, and **10.3981, 0.3228, 0.2199** is the 20% darker color. If you saturate the color by 10%, you get **22.5314, 0.3253, 0.2231**, and if you desaturate by 10%, it is **31.3282, 0.3194, 0.2671**.

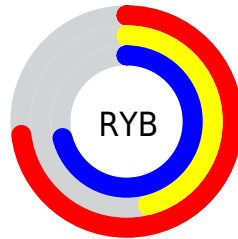
Distribution



Red (73%)

Green (46%)

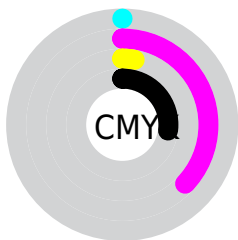
Blue (71%)



Red (73%)

Yellow (46%)

Blue (71%)

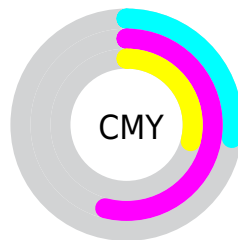


Cyan (0%)

Magenta (37%)

Yellow (3%)

Black (27%)



Cyan (27%)


Magenta (54%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4979, 0.3223, 0.2444 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 26.4979, 0.3223, 0.2444 by changing the saturation by 10% instead.

 26.4979, 0.3223,
0.2444


 26.4979, 0.3223,
0.2444

285.2178, 0.3183,
0.2875


 17.1965, 0.3230,
0.2335


 54.0771, 0.3211,
0.2602

 10.3747, 0.3236,
0.2195


 73.1237, 0.3206,
0.2661

 5.6481, 0.3241,
0.2008


 96.1874, 0.3201,
0.2710

 2.6323, 0.3238,
0.1748

123.6528, 0.3197,
0.2753

 0.9429, 0.3212,
0.1371

155.9041, 0.3193,
0.2790

 0.0000, 0.3362,
0.0000

193.3257, 0.3189,

 0.0000, 0.0000,

0.2822

0.0000

236.3022, 0.3186,
0.2850

■ 26.4979, 0.3223,
0.2444

■ 26.4979, 0.3223,
0.2444

■ 22.5314, 0.3253,
0.2231

■ 31.3282, 0.3194,
0.2671

■ 19.3739, 0.3284,
0.2041

■ 37.0657, 0.3168,
0.2902

■ 16.9699, 0.3314,
0.1884


■ 43.7552, 0.3143,
0.3132


■ 15.2555, 0.3342,
0.1765


■ 51.4376, 0.3121,
0.3354


■ 14.1560, 0.3369,
0.1689

■ 60.1512, 0.3101,
0.3565


 13.5669, 0.3393,
0.1654

 69.9325, 0.3084,
0.3761

 13.4335, 0.3400,
0.1646

 80.8160, 0.3069,
0.3943

 85.7494, 0.3059,
0.4006

 85.8092, 0.3052,
0.3990

Harmonies

Analogous

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



26.4979, 0.2536, 0.2211



26.4979, 0.3223, 0.2444



26.4979, 0.3964, 0.2851

Triad

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



26.4979, 0.3223, 0.2444



26.4979, 0.4219, 0.4393



26.4979, 0.1938, 0.2979

Complementary

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



26.4979, 0.3223, 0.2444



40.2933, 0.3041, 0.4314

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.



26.4979, 0.2298, 0.3737



26.4979, 0.3223, 0.2444



26.4979, 0.3608, 0.4638

Square

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



26.4979, 0.3223, 0.2444



26.4979, 0.4558, 0.3908



26.4979, 0.2904, 0.4413



26.4979, 0.1865, 0.2444

Rectangle

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



26.4979, 0.3223, 0.2444



26.4979, 0.4348, 0.3186



26.4979, 0.2904, 0.4413



26.4979, 0.2026, 0.3217

Sweetspot

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



26.4991, 0.3223, 0.2444



74.1403, 0.3153, 0.3038



20.3824, 0.2502, 0.2198



15.9624, 0.3156, 0.3007



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



26.4991, 0.3223, 0.2444



42.4059, 0.3246, 0.2279



25.2671, 0.3625, 0.2875



9.1512, 0.3148, 0.3081



9.0459, 0.3397, 0.1645



0.3223, 0.3343, 0.1616

Inverse Universe

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



26.4991, 0.3223, 0.2444



42.4059, 0.3246, 0.2279



41.2913, 0.2808, 0.3753



9.1512, 0.3148, 0.3081



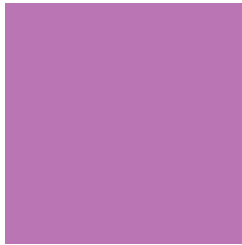
9.0459, 0.3397, 0.1645



0.3223, 0.3343, 0.1616

Previews

White Background



This preview shows how the Yxy color 26.4979, 0.3223, 0.2444 looks on a white background.

Color Contrast Check

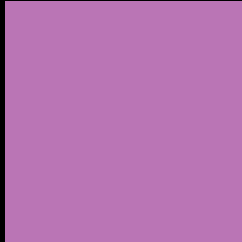
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4979, 0.3223, 0.2444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

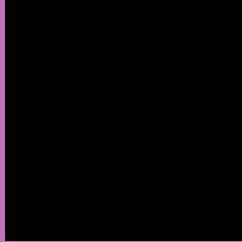
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4979, 0.3223, 0.2444

Background



This preview shows how black text looks on a background with the Yxy color 26.4979, 0.3223, 0.2444.



This preview shows how white text looks on a background with the Yxy color 26.4979, 0.3223, 0.2444.

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

26.4979, 0.3223, 0.2444

Protanopia

26.7534, 0.2475, 0.2400

Deuteranopia

26.5855, 0.2744, 0.2684



Tritanopia

26.4026, 0.3662, 0.3147

Trichromacy



Original Color

26.4979, 0.3223, 0.2444



Protanomaly

26.1494, 0.2705, 0.2399



Deuteranomaly

26.0496, 0.2906, 0.2579



Tritanomaly

26.3780, 0.3501, 0.2882

Monochromacy



Original Color

26.4979, 0.3223, 0.2444



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

27.2702, 0.3165, 0.2943

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4979, 0.3223, 0.2444 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(186, 117, 181)` looks like.

```
.text, #text, p{  
    color:rgb(186, 117, 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(186, 117, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 117, 181) }
```

Border

The CSS property to change the border of an element to Yxy 26.4979, 0.3223, 0.2444 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(186, 117, 181) }
```

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

```
.border{ border-color:rgb(186, 117, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 117, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 117, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 117, 181);  
box-shadow:4px 4px 4px 4px rgb(186, 117,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4979, 0.3223, 0.2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 117, 181) }
```

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

```
.background{ background-color: rgb(186,  
117, 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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