

Converting Colors

$Y_{xy}(26.2289, 0.3313, 0.2603)$

Have a look what the booklet for
Yxy(26.2289, 0.3313, 0.2603)
contains.

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Color

Yxy(26.1632, 0.3309, 0.2594)

Conversions

Conversions Part 1

Format	Color
Hex	B777AA
RGB	183, 119, 170
RGB Percent	72%, 47%, 67%
CMY	0.2825, 0.5332, 0.3333
CMYK	0.00, 0.35, 0.07, 0.28
HSL	312°, 31%, 59%
HSV	312°, 35%, 72%
XYZ	33.3747, 26.1632, 41.3225
YIQ	143.9500, 21.7730, 29.4290

Conversions

Conversions Part 2

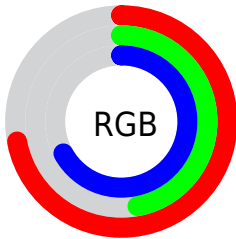
Format	Color
RYB	183, 119, 170
Decimal	12023722
CIELab	58.19, 32.96, -16.88
CIELCh	58, 37.029, 332.872
Yxy	26.1632, 0.3309, 0.2594
Android (android.graphics.Color)	4290213802 (0xFFB777AA)
YUV	143.9500, 12.8427, 34.2469
Hunter-Lab	51.1500, 26.9566, -12.0936

Details

The Yxy color **26.1632, 0.3309, 0.2594** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.4413, 0.2988, 0.4106**, and the grayscale version is **27.8103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4666, 0.3281, 0.2729**, and **10.2314, 0.3358, 0.2377** is the 20% darker color. If you saturate the color by 10%, you get **22.0812, 0.3376, 0.2401**, and if you desaturate by 10%, it is **31.0899, 0.3248, 0.2796**.

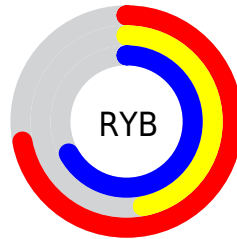
Distribution



Red (72%)

Green (47%)

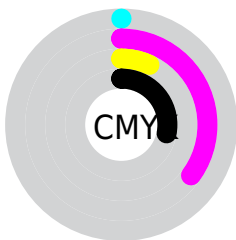
Blue (67%)



Red (72%)

Yellow (47%)

Blue (67%)

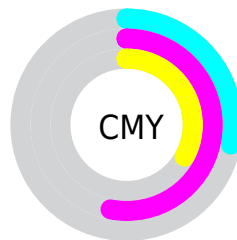


Cyan (0%)

Magenta (35%)

Yellow (7%)

Black (28%)



Cyan (28%)


Magenta (53%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1632, 0.3309, 0.2594 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 26.1632, 0.3309, 0.2594 by changing the saturation by 10% instead.


 26.1632, 0.3309,
0.2594


 26.1632, 0.3309,
0.2594


283.5823, 0.3219,
0.2954

 16.9458, 0.3331,
0.2500


 53.5381, 0.3276,
0.2728

 10.1958, 0.3359,
0.2378


 72.4644, 0.3264,
0.2777

 5.5290, 0.3395,
0.2213


 95.3957, 0.3254,
0.2818

 2.5609, 0.3442,
0.1977

122.7165, 0.3245,
0.2854

 0.9070, 0.3503,
0.1617

154.8112, 0.3237,
0.2884

 0.0000, 0.3896,
0.0000

192.0641, 0.3230,

 0.0000, 0.0000,

0.2910

0.0000

234.8597, 0.3224,
0.2934

■ 26.1632, 0.3309,
0.2594

■ 26.1632, 0.3309,
0.2594

■ 22.0812, 0.3376,
0.2401

■ 31.0899, 0.3248,
0.2796

■ 18.7921, 0.3450,
0.2224

■ 36.9022, 0.3195,
0.2998

■ 16.2437, 0.3527,
0.2075


■ 43.6426, 0.3148,
0.3195


■ 14.3764, 0.3606,
0.1962

■ 51.3498, 0.3108,
0.3384


■ 13.1211, 0.3685,
0.1893

■ 60.0603, 0.3073,
0.3562


 12.3938, 0.3761,
0.1868

 69.8088, 0.3044,
0.3727

 12.1344, 0.3799,
0.1866

 80.6282, 0.3020,
0.3879

 85.7378, 0.2999,
0.3916

 85.9129, 0.2980,
0.3872

Harmonies

Analogous

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



26.1632, 0.2696, 0.2362



26.1632, 0.3309, 0.2594



26.1632, 0.3926, 0.2974

Triad

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



26.1632, 0.3309, 0.2594



26.1632, 0.4017, 0.4301



26.1632, 0.2065, 0.2953

Complementary

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



26.1632, 0.3309, 0.2594



39.4413, 0.2988, 0.4106

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.



26.1632, 0.2353, 0.3579



26.1632, 0.3309, 0.2594



26.1632, 0.3470, 0.4436

Square

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



26.1632, 0.3309, 0.2594



26.1632, 0.4342, 0.3915



26.1632, 0.2860, 0.4170



26.1632, 0.2033, 0.2517

Rectangle

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



26.1632, 0.3309, 0.2594



26.1632, 0.4225, 0.3279



26.1632, 0.2860, 0.4170



26.1632, 0.2133, 0.3148

Sweetspot

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



26.1644, 0.3309, 0.2594



71.6837, 0.3171, 0.3093



21.5068, 0.2627, 0.2294



15.4639, 0.3178, 0.3066



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.1644, 0.3309, 0.2594



41.0853, 0.3361, 0.2443



25.1029, 0.3694, 0.3018



9.1307, 0.3168, 0.3110



8.4789, 0.3790, 0.1862



0.3069, 0.3614, 0.1765

Inverse Universe

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



26.1644, 0.3309, 0.2594



41.0853, 0.3361, 0.2443



40.4483, 0.2766, 0.3584



9.1307, 0.3168, 0.3110



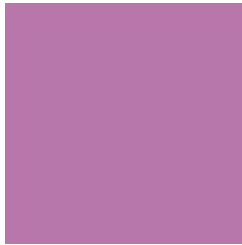
8.4789, 0.3790, 0.1862



0.3069, 0.3614, 0.1765

Previews

White Background



This preview shows how the Yxy color 26.1632, 0.3309, 0.2594 looks on a white background.

Color Contrast Check

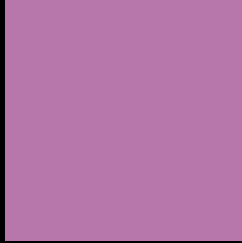
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1632, 0.3309, 0.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

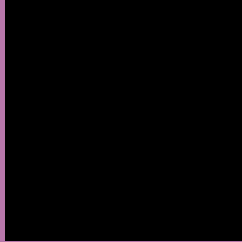
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1632, 0.3309, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 26.1632, 0.3309, 0.2594.



This preview shows how white text looks on a background with the Yxy color 26.1632, 0.3309, 0.2594.

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

26.1632, 0.3309, 0.2594

Protanopia

26.5151, 0.2617, 0.2591

Deuteranopia

26.3441, 0.2878, 0.2818



Tritanopia

26.2547, 0.3663, 0.3161

Trichromacy



Original Color

26.1632, 0.3309, 0.2594

Protanomaly

26.0531, 0.2837, 0.2584

Deuteranomaly

25.8603, 0.3023, 0.2718

Tritanomaly

26.0073, 0.3525, 0.2934

Monochromacy



Original Color

26.1632, 0.3309, 0.2594

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.8970, 0.3195, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1632, 0.3309, 0.2594 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(183, 119, 170)` looks like.

```
.text, #text, p{  
    color:rgb(183, 119, 170)  
}
```

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(183, 119, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 119, 170) }
```

Border

The CSS property to change the border of an element to Yxy 26.1632, 0.3309, 0.2594 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(183, 119, 170) }
```

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

```
.border{ border-color:rgb(183, 119, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 119, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 119, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 119, 170); box-shadow:4px 4px 4px 4px rgb(183, 119, 170) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1632, 0.3309, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 119, 170) }
```

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

```
.background{ background-color: rgb(183,  
119, 170) }
```

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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