

Converting Colors

$Y_{xy}(26.1723, 0.3515, 0.2777)$

Have a look what the booklet for
Yxy(26.1723, 0.3515, 0.2777)
contains.

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Color

Yxy(26.1587, 0.3520, 0.2783)

Conversions

Conversions Part 1

Format	Color
Hex	BB779C
RGB	187, 119, 156
RGB Percent	73%, 47%, 61%
CMY	0.2667, 0.5333, 0.3883
CMYK	0.00, 0.36, 0.17, 0.27
HSL	327°, 33%, 60%
HSV	327°, 36%, 73%
XYZ	33.0861, 26.1587, 34.7498
YIQ	143.5500, 28.6510, 25.9230

Conversions

Conversions Part 2

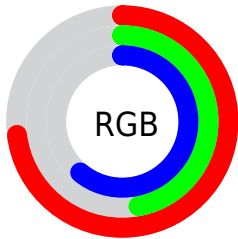
Format	Color
RYB	187, 119, 156
Decimal	12285852
CIELab	58.19, 31.95, -8.77
CIELCh	58, 33.135, 344.657
Yxy	26.1587, 0.3520, 0.2783
Android (android.graphics.Color)	4290475932 (0xFFBB779C)
YUV	143.5500, 6.1379, 38.1057
Hunter-Lab	51.1456, 25.9670, -4.4815

Details

The Yxy color **26.1587, 0.3520, 0.2783** is a light color, and the websafe version is hex **996699**. A complement of this color would be **41.6579, 0.2864, 0.3864**, and the grayscale version is **27.6666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3913, 0.3443, 0.2886**, and **10.1817, 0.3643, 0.2614** is the 20% darker color. If you saturate the color by 10%, you get **21.8590, 0.3676, 0.2645**, and if you desaturate by 10%, it is **31.3567, 0.3386, 0.2927**.

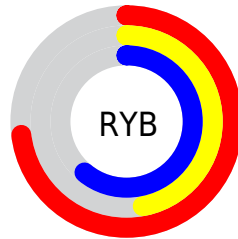
Distribution



Red (73%)

Green (47%)

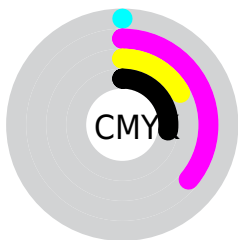
Blue (61%)



Red (73%)

Yellow (47%)

Blue (61%)

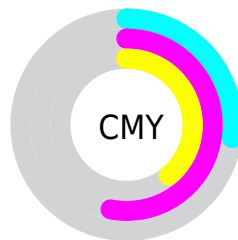


Cyan (0%)

Magenta (36%)

Yellow (17%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1587, 0.3520, 0.2783 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 26.1587, 0.3520, 0.2783 by changing the saturation by 10% instead.


 26.1587, 0.3520,
0.2783


 26.1587, 0.3520,
0.2783


283.5603, 0.3310,
0.3050


 16.9424, 0.3577,
0.2712


 53.5309, 0.3440,
0.2884

 10.1934, 0.3654,
0.2617


 72.4555, 0.3411,
0.2920

 5.5274, 0.3762,
0.2486


 95.3851, 0.3387,
0.2951

 2.5599, 0.3925,
0.2292

122.7039, 0.3367,
0.2977

 0.9066, 0.4198,
0.1980

154.7965, 0.3350,
0.2999

 0.0000, 0.5990,
0.0000

192.0471, 0.3335,

 0.0000, 0.0000,

0.3019

0.0000

234.8402, 0.3322,
0.3035

■ 26.1587, 0.3520,
0.2783

■ 26.1587, 0.3520,
0.2783

■ 21.8590, 0.3676,
0.2645

■ 31.3567, 0.3386,
0.2927

■ 18.4019, 0.3854,
0.2521

■ 37.4970, 0.3273,
0.3069

■ 15.7313, 0.4052,
0.2422

■ 44.6253, 0.3179,
0.3207


■ 13.7824, 0.4264,
0.2360


■ 52.7832, 0.3100,
0.3337


■ 12.4803, 0.4482,
0.2346

■ 62.0096, 0.3035,
0.3458

 11.7266, 0.4697,
0.2384

 72.3419, 0.2981,
0.3570

 11.5156, 0.4775,
0.2404

 83.8151, 0.2936,
0.3673

 87.4754, 0.2892,
0.3628

 87.9504, 0.2848,
0.3532

Harmonies

Analogous

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



26.1587, 0.2947, 0.2511



26.1587, 0.3520, 0.2783



26.1587, 0.4013, 0.3170

Triad

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



26.1587, 0.3520, 0.2783



26.1587, 0.3757, 0.4281



26.1587, 0.2126, 0.2814

Complementary

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



26.1587, 0.3520, 0.2783



41.6579, 0.2864, 0.3864

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.



26.1587, 0.2300, 0.3323



26.1587, 0.3520, 0.2783



26.1587, 0.3226, 0.4258

Square

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



26.1587, 0.3520, 0.2783



26.1587, 0.4139, 0.4015



26.1587, 0.2694, 0.3887



26.1587, 0.2186, 0.2500

Rectangle

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



26.1587, 0.3520, 0.2783



26.1587, 0.4204, 0.3460



26.1587, 0.2694, 0.3887



26.1587, 0.2158, 0.2966

Sweetspot

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



26.1599, 0.3520, 0.2783



73.5484, 0.3222, 0.3141



23.2312, 0.2771, 0.2293



15.8169, 0.3235, 0.3122



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.



26.1599, 0.3520, 0.2783



40.3129, 0.3649, 0.2667



25.1757, 0.3947, 0.3244



9.6208, 0.3206, 0.3166



7.9510, 0.4751, 0.2391



0.3245, 0.4286, 0.2135

Inverse Universe

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



26.1599, 0.3520, 0.2783



40.3129, 0.3649, 0.2667



42.8985, 0.2645, 0.3339



9.6208, 0.3206, 0.3166



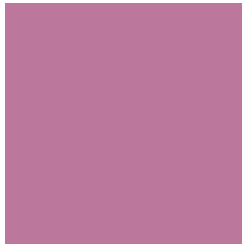
7.9510, 0.4751, 0.2391



0.3245, 0.4286, 0.2135

Previews

White Background



This preview shows how the Yxy color 26.1587, 0.3520, 0.2783 looks on a white background.

Color Contrast Check

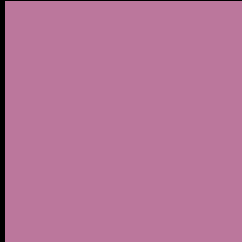
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1587, 0.3520, 0.2783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

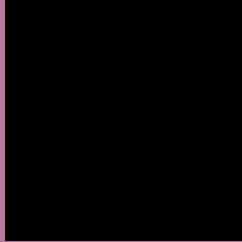
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1587, 0.3520, 0.2783

Background



This preview shows how black text looks on a background with the Yxy color 26.1587, 0.3520, 0.2783.



This preview shows how white text looks on a background with the Yxy color 26.1587, 0.3520, 0.2783.

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

26.1587, 0.3520, 0.2783

Protanopia

26.3981, 0.2794, 0.2812

Deuteranopia

26.2041, 0.3085, 0.3020



Tritanopia

26.0497, 0.3758, 0.3149

Trichromacy



Original Color

26.1587, 0.3520, 0.2783

Protanomaly

25.9552, 0.3030, 0.2800

Deuteranomaly

25.9797, 0.3235, 0.2927

Tritanomaly

26.1564, 0.3673, 0.3024

Monochromacy



Original Color

26.1587, 0.3520, 0.2783

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9396, 0.3271, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1587, 0.3520, 0.2783 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(187, 119, 156)` looks like.

```
.text, #text, p{  
    color:rgb(187, 119, 156)  
}
```

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(187, 119, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 119, 156) }
```

Border

The CSS property to change the border of an element to Yxy 26.1587, 0.3520, 0.2783 is called "border". The border property can be set on classes, ids or directly on the HTML element.

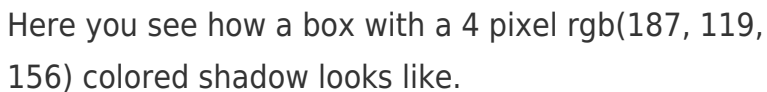
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 119, 156) }
```

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

```
.border{ border-color:rgb(187, 119, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 119, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 119, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 119, 156); box-shadow:4px 4px 4px 4px rgb(187, 119, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1587, 0.3520, 0.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 119, 156) }
```

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

```
.background{ background-color: rgb(187,  
119, 156) }
```

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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