

Converting Colors

$Y_{xy}(26.3115, 0.3313, 0.2642)$

Have a look what the booklet for
Yxy(26.3115, 0.3313, 0.2642)
contains.

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Color

Yxy(26.3257, 0.3307, 0.2641)

Conversions

Conversions Part 1

Format	Color
Hex	B579A8
RGB	181, 121, 168
RGB Percent	71%, 47%, 66%
CMY	0.2901, 0.5255, 0.3412
CMYK	0.00, 0.33, 0.07, 0.29
HSL	313°, 29%, 59%
HSV	313°, 33%, 71%
XYZ	32.9644, 26.3257, 40.3907
YIQ	144.2980, 20.6730, 27.3370

Conversions

Conversions Part 2

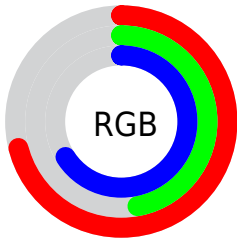
Format	Color
R _Y B	181, 121, 168
Decimal	11893160
CIE Lab	58.34, 30.84, -15.52
CIE LCh	58, 34.529, 333.284
Yxy	26.3257, 0.3307, 0.2641
Android (android.graphics.Color)	4290083240 (0xFFB579A8)
YUV	144.2980, 11.6851, 32.1877
Hunter-Lab	51.3086, 24.8917, -10.7577

Details

The Yxy color **26.3257, 0.3307, 0.2641** is a light color, and the websafe version is hex **996699**. A complement of this color would be **38.8412, 0.2988, 0.4042**, and the grayscale version is **27.9628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7770, 0.3279, 0.2767**, and **10.2795, 0.3355, 0.2436** is the 20% darker color. If you saturate the color by 10%, you get **22.1885, 0.3377, 0.2448**, and if you desaturate by 10%, it is **31.2952, 0.3244, 0.2840**.

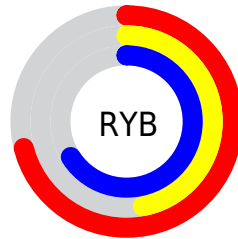
Distribution



Red (71%)

Green (47%)

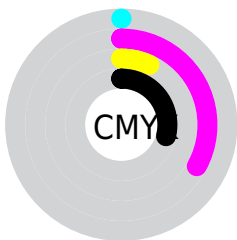
Blue (66%)



Red (71%)

Yellow (47%)

Blue (66%)

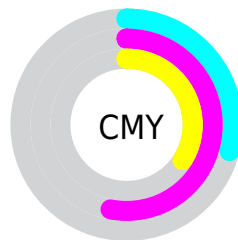


Cyan (0%)

Magenta (33%)

Yellow (7%)

Black (29%)



Cyan (29%)


Magenta (53%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3257, 0.3307, 0.2641 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 26.3257, 0.3307, 0.2641 by changing the saturation by 10% instead.


 26.3257, 0.3307,
0.2641

 26.3257, 0.3307,
0.2641


284.3773, 0.3217,
0.2978


 17.0675, 0.3329,
0.2553


 53.7999, 0.3274,
0.2766

 10.2826, 0.3358,
0.2438


 72.7847, 0.3262,
0.2813

 5.5867, 0.3396,
0.2281


 95.7804, 0.3251,
0.2851

 2.5955, 0.3446,
0.2055

123.1715, 0.3242,
0.2884

 0.9244, 0.3515,
0.1707

155.3423, 0.3235,
0.2913

 0.0000, 0.3952,
0.0000

192.6773, 0.3228,

 0.0000, 0.0000,

0.2937

0.0000

235.5608, 0.3222,
0.2959

■ 26.3257, 0.3307,
0.2641

■ 26.3257, 0.3307,
0.2641

■ 22.1885, 0.3377,
0.2448

■ 31.2952, 0.3244,
0.2840

■ 18.8336, 0.3455,
0.2271

■ 37.1361, 0.3189,
0.3038

■ 16.2115, 0.3537,
0.2118


■ 43.8895, 0.3141,
0.3231


■ 14.2652, 0.3622,
0.2000


■ 51.5925, 0.3100,
0.3414

■ 12.9294, 0.3707,
0.1924


■ 60.2805, 0.3065,
0.3586

 12.1257, 0.3790,
0.1894

 69.9868, 0.3036,
0.3746

 11.7719, 0.3846,
0.1892

 80.7433, 0.3011,
0.3893

 85.4883, 0.2990,
0.3921

 85.6735, 0.2969,
0.3875

Harmonies

Analogous

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



26.3257, 0.2733, 0.2420



26.3257, 0.3307, 0.2641



26.3257, 0.3877, 0.3002

Triad

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



26.3257, 0.3307, 0.2641



26.3257, 0.3956, 0.4240



26.3257, 0.2129, 0.2974

Complementary

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



26.3257, 0.3307, 0.2641



38.8412, 0.2988, 0.4042

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.



26.3257, 0.2399, 0.3552



26.3257, 0.3307, 0.2641



26.3257, 0.3445, 0.4351

Square

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



26.3257, 0.3307, 0.2641



26.3257, 0.4259, 0.3888



26.3257, 0.2874, 0.4097



26.3257, 0.2101, 0.2565

Rectangle

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



26.3257, 0.3307, 0.2641



26.3257, 0.4152, 0.3291



26.3257, 0.2874, 0.4097



26.3257, 0.2193, 0.3154

Sweetspot

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



26.3269, 0.3307, 0.2641



69.9381, 0.3174, 0.3097



22.0790, 0.2668, 0.2355



14.7684, 0.3181, 0.3070



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.



26.3269, 0.3307, 0.2641



41.4411, 0.3359, 0.2495



25.3347, 0.3666, 0.3047



8.6145, 0.3169, 0.3113



8.1241, 0.3836, 0.1887



0.2635, 0.3630, 0.1773

Inverse Universe

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



26.3269, 0.3307, 0.2641



41.4411, 0.3359, 0.2495



39.8005, 0.2776, 0.3551



8.6145, 0.3169, 0.3113



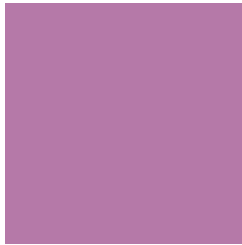
8.1241, 0.3836, 0.1887



0.2635, 0.3630, 0.1773

Previews

White Background



This preview shows how the Yxy color 26.3257, 0.3307, 0.2641 looks on a white background.

Color Contrast Check

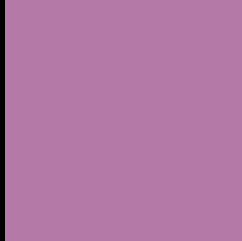
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3257, 0.3307, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

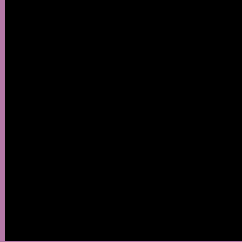
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3257, 0.3307, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 26.3257, 0.3307, 0.2641.



This preview shows how white text looks on a background with the Yxy color 26.3257, 0.3307, 0.2641.

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

26.3257, 0.3307, 0.2641

Protanopia

26.5473, 0.2658, 0.2635

Deuteranopia

26.3587, 0.2907, 0.2849



Tritanopia

26.3320, 0.3611, 0.3145

Trichromacy



Original Color

26.3257, 0.3307, 0.2641

Protanomaly

26.0267, 0.2874, 0.2626

Deuteranomaly

26.0537, 0.3043, 0.2761

Tritanomaly

26.2703, 0.3497, 0.2960

Monochromacy



Original Color

26.3257, 0.3307, 0.2641

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.0763, 0.3183, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3257, 0.3307, 0.2641 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(181, 121, 168)` looks like.

```
.text, #text, p{  
    color:rgb(181, 121, 168)  
}
```

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(181, 121, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 121, 168) }
```

Border

The CSS property to change the border of an element to Yxy 26.3257, 0.3307, 0.2641 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(181, 121, 168) }
```

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

```
.border{ border-color:rgb(181, 121, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 121, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 121, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 121, 168); box-shadow:4px 4px 4px 4px rgb(181, 121, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3257, 0.3307, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 121, 168) }
```

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

```
.background{ background-color: rgb(181,  
121, 168) }
```

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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