

Converting Colors

$Y_{xy}(26.9331, 0.3678, 0.3040)$

Have a look what the booklet for
Yxy(26.9331, 0.3678, 0.3040)
contains.

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Color

Yxy(26.9331, 0.3678, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	BB7C8E
RGB	187, 124, 142
RGB Percent	73%, 49%, 56%
CMY	0.2666, 0.5137, 0.4431
CMYK	0.00, 0.34, 0.24, 0.27
HSL	343°, 32%, 61%
HSV	343°, 34%, 73%
XYZ	32.5855, 26.9331, 29.0771
YIQ	144.8890, 31.7700, 18.9540

Conversions

Conversions Part 2

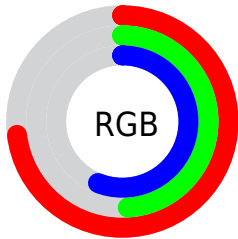
Format	Color
RYB	187, 124, 142
Decimal	12287118
CIELab	58.91, 27.05, 0.37
CIELCh	59, 27.049, 0.775
Yxy	26.9331, 0.3678, 0.3040
Android (android.graphics.Color)	4290477198 (0xFFBB7C8E)
YUV	144.8890, -1.4243, 36.9313
Hunter-Lab	51.8971, 21.2578, 3.1087

Details

The Yxy color $26.9331, 0.3678, 0.3040$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $42.6929, 0.2771, 0.3559$, and the grayscale version is $28.2651, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.6629, 0.3557, 0.3086$, and $10.5758, 0.3870, 0.2945$ is the 20% darker color. If you saturate the color by 10%, you get $22.3058, 0.3924, 0.2965$, and if you desaturate by 10%, it is $32.4998, 0.3474, 0.3117$.

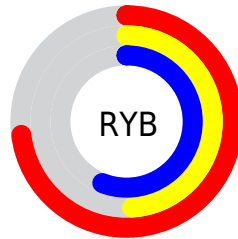
Distribution



Red (73%)

Green (49%)

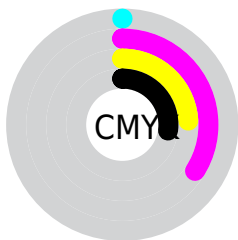
Blue (56%)



Red (73%)

Yellow (49%)

Blue (56%)

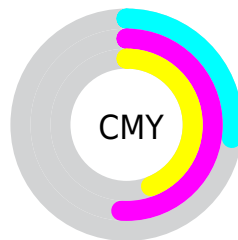


Cyan (0%)

Magenta (34%)

Yellow (24%)

Black (27%)



Cyan (27%)


Magenta (51%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9331, 0.3678, 0.3040 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 26.9331, 0.3678, 0.3040 by changing the saturation by 10% instead.


 26.9331, 0.3678,
0.3040


 26.9331, 0.3678,
0.3040


287.3331, 0.3377,
0.3177


 17.5230, 0.3763,
0.3001


 54.7765, 0.3562,
0.3093

 10.6081, 0.3878,
0.2949


 73.9786, 0.3521,
0.3112

 5.8039, 0.4043,
0.2873

 97.2134, 0.3486,
0.3127

 2.7262, 0.4299,
0.2755

124.8654, 0.3458,
0.3140

 0.9905, 0.4750,
0.2547

157.3190, 0.3433,
0.3152

 0.0000, 1.0000,
0.0000

194.9585, 0.3412,

 0.0000, 0.0000,

0.3161

0.0000

238.1684, 0.3394,
0.3170

■ 26.9331, 0.3678,
0.3040

■ 26.9331, 0.3678,
0.3040

■ 22.3058, 0.3924,
0.2965

■ 32.4998, 0.3474,
0.3117

■ 18.5621, 0.4215,
0.2900

■ 39.0501, 0.3307,
0.3193

■ 15.6459, 0.4548,
0.2852


■ 46.6300, 0.3171,
0.3265


■ 13.4933, 0.4912,
0.2834


■ 55.2814, 0.3060,
0.3332


■ 12.0308, 0.5281,
0.2856


■ 65.0441, 0.2969,
0.3393


 11.1702, 0.5622,
0.2922

 75.9556, 0.2895,
0.3449

 10.8269, 0.5814,
0.2976

 88.0516, 0.2834,
0.3500

 88.9157, 0.2767,
0.3355

 89.3056, 0.2736,
0.3289

Harmonies

Analogous

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



26.9331, 0.3233, 0.2753



26.9331, 0.3678, 0.3040



26.9331, 0.3975, 0.3395

Triad

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



26.9331, 0.3678, 0.3040



26.9331, 0.3424, 0.4109



26.9331, 0.2304, 0.2747

Complementary

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



26.9331, 0.3678, 0.3040



42.6929, 0.2771, 0.3559

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.



26.9331, 0.2347, 0.3089



26.9331, 0.3678, 0.3040



26.9331, 0.2974, 0.3930

Square

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



26.9331, 0.3678, 0.3040



26.9331, 0.3811, 0.4024



26.9331, 0.2584, 0.3535



26.9331, 0.2458, 0.2577

Rectangle

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



26.9331, 0.3678, 0.3040



26.9331, 0.4035, 0.3637



26.9331, 0.2584, 0.3535



26.9331, 0.2296, 0.2844

Sweetspot

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



26.9344, 0.3678, 0.3040



74.5108, 0.3256, 0.3219



26.3398, 0.2965, 0.2415



15.9992, 0.3276, 0.3209



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.



26.9344, 0.3678, 0.3040



42.2986, 0.3844, 0.2987



29.7991, 0.3844, 0.3469



9.5800, 0.3245, 0.3225



7.4702, 0.5783, 0.2959



0.3043, 0.5078, 0.2571

Inverse Universe

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



26.9344, 0.3678, 0.3040



42.2986, 0.3844, 0.2987



38.3022, 0.2631, 0.3101



9.5800, 0.3245, 0.3225



7.4702, 0.5783, 0.2959



0.3043, 0.5078, 0.2571

Previews

White Background



This preview shows how the Yxy color 26.9331, 0.3678, 0.3040 looks on a white background.

Color Contrast Check

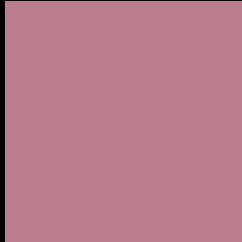
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9331, 0.3678, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

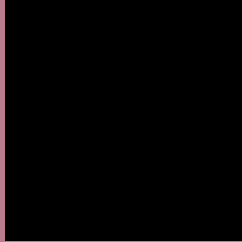
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9331, 0.3678, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 26.9331, 0.3678, 0.3040.



This preview shows how white text looks on a background with the Yxy color 26.9331, 0.3678, 0.3040.

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

26.9331, 0.3678, 0.3040

Protanopia

27.0675, 0.3030, 0.3113

Deuteranopia

26.9529, 0.3320, 0.3244



Tritanopia

26.8556, 0.3749, 0.3151

Trichromacy



Original Color

26.9331, 0.3678, 0.3040

Protanomaly

26.7352, 0.3248, 0.3089

Deuteranomaly

26.7504, 0.3445, 0.3155

Tritanomaly

26.9413, 0.3712, 0.3109

Monochromacy



Original Color

26.9331, 0.3678, 0.3040

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3785, 0.3310, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9331, 0.3678, 0.3040 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, 124, 142)` looks like.

```
.text, #text, p{  
    color:rgb(187, 124, 142)  
}
```

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, 124, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 124, 142) }
```

Border

The CSS property to change the border of an element to Yxy 26.9331, 0.3678, 0.3040 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, 124, 142) }
```

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

```
.border{ border-color:rgb(187, 124, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 124, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 124, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 124, 142); box-shadow:4px 4px 4px 4px rgb(187, 124, 142) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9331, 0.3678, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 124, 142) }
```

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

```
.background{ background-color: rgb(187,  
124, 142) }
```

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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