

Converting Colors

$Y_{xy}(26.9256, 0.3221, 0.2998)$

Have a look what the booklet for
Yxy(26.9256, 0.3221, 0.2998)
contains.

Yxy(26.9272, 0.3230, 0.3002)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.9272, 0.3230, 0.3002)

Conversions

Conversions Part 1

Format	Color
Hex	A18699
RGB	161, 134, 153
RGB Percent	63%, 53%, 60%
CMY	0.3686, 0.4745, 0.4001
CMYK	0.00, 0.17, 0.05, 0.37
HSL	318°, 13%, 58%
HSV	318°, 17%, 63%
XYZ	28.9723, 26.9272, 33.7980
YIQ	144.2390, 9.9930, 11.6330

Conversions

Conversions Part 2

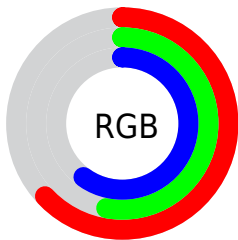
Format	Color
RYB	161, 134, 153
Decimal	10585753
CIELab	58.91, 13.63, -6.27
CIElCh	59, 14.998, 335.299
Yxy	26.9272, 0.3230, 0.3002
Android (android.graphics.Color)	4288775833 (0xFFA18699)
YUV	144.2390, 4.3192, 14.6994
Hunter-Lab	51.8914, 8.8511, -2.2929

Details

The Yxy color **26.9272, 0.3230, 0.3002** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5148, 0.3038, 0.3596**, and the grayscale version is **27.9710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6446, 0.3212, 0.3060**, and **10.5512, 0.3262, 0.2898** is the 20% darker color. If you saturate the color by 10%, you get **22.6562, 0.3305, 0.2823**, and if you desaturate by 10%, it is **31.8846, 0.3165, 0.3176**.

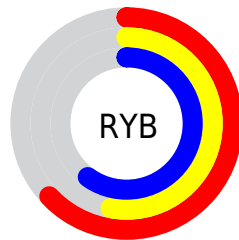
Distribution



Red (63%)

Green (53%)

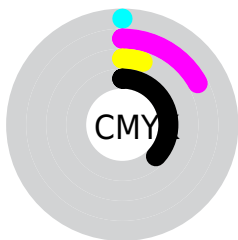
Blue (60%)



Red (63%)

Yellow (53%)

Blue (60%)

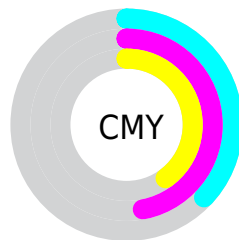


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (37%)



Cyan (37%)


Magenta (47%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9272, 0.3230, 0.3002 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 26.9272, 0.3230, 0.3002 by changing the saturation by 10% instead.

 26.9272, 0.3230,
0.3002


 26.9272, 0.3230,
0.3002


287.3045, 0.3175,
0.3156


 17.5186, 0.3245,
0.2960


 54.7670, 0.3209,
0.3061

 10.6049, 0.3264,
0.2904


 73.9670, 0.3202,
0.3082

 5.8018, 0.3292,
0.2824


 97.1995, 0.3196,
0.3099

 2.7250, 0.3333,
0.2704

124.8490, 0.3190,
0.3114

 0.9899, 0.3402,
0.2501

157.2999, 0.3186,
0.3127

 0.0000, 0.4153,
0.0000


194.9365, 0.3182,


 0.0000, 0.0000,


0.3138


0.0000


238.1432, 0.3178,
0.3147


 26.9272, 0.3230,
0.3002


 26.9272, 0.3230,
0.3002


 22.6562, 0.3305,
0.2823


 31.8846, 0.3165,
0.3176


 19.0373, 0.3392,
0.2644


 37.5534, 0.3110,
0.3343


 16.0389, 0.3490,
0.2473

 43.9619, 0.3064,
0.3499

 13.6250, 0.3599,
0.2318

 51.1357, 0.3025,
0.3645

 11.7561, 0.3716,
0.2188

 59.0992, 0.2993,
0.3779

■ 10.3878, 0.3838,
0.2095

■ 67.8757, 0.2965,
0.3902

■ 9.4685, 0.3962,
0.2047

■ 77.4875, 0.2943,
0.4016

■ 8.9212, 0.4084,
0.2043

■ 82.8714, 0.2921,
0.4041

■ 8.7732, 0.4124,
0.2046

■ 83.0860, 0.2897,
0.3982

Harmonies

Analogous

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



26.9272, 0.2976, 0.2892



26.9272, 0.3230, 0.3002



26.9272, 0.3464, 0.3182

Triad

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



26.9272, 0.3230, 0.3002



26.9272, 0.3486, 0.3716



26.9272, 0.2671, 0.3155

Complementary

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



26.9272, 0.3230, 0.3002



32.5148, 0.3038, 0.3596

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.



26.9272, 0.2796, 0.3391



26.9272, 0.3230, 0.3002



26.9272, 0.3264, 0.3726

Square

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



26.9272, 0.3230, 0.3002



26.9272, 0.3614, 0.3589



26.9272, 0.3012, 0.3606



26.9272, 0.2661, 0.2970

Rectangle

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



26.9272, 0.3230, 0.3002



26.9272, 0.3573, 0.3322



26.9272, 0.3012, 0.3606



26.9272, 0.2700, 0.3231

Sweetspot

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



26.9284, 0.3230, 0.3002



58.7094, 0.3155, 0.3205



25.3451, 0.2939, 0.2859



12.7363, 0.3159, 0.3194



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.9284, 0.3230, 0.3002



45.3260, 0.3256, 0.2938



26.5183, 0.3373, 0.3200



7.1661, 0.3181, 0.3133



7.0136, 0.4115, 0.2041



0.1551, 0.3721, 0.1824

Inverse Universe

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



26.9284, 0.3230, 0.3002



45.3260, 0.3256, 0.2938



32.9327, 0.2928, 0.3382



7.1661, 0.3181, 0.3133



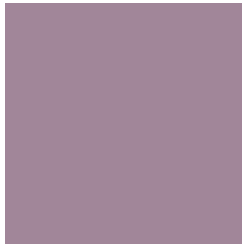
7.0136, 0.4115, 0.2041



0.1551, 0.3721, 0.1824

Previews

White Background



This preview shows how the Yxy color 26.9272, 0.3230, 0.3002 looks on a white background.

Color Contrast Check

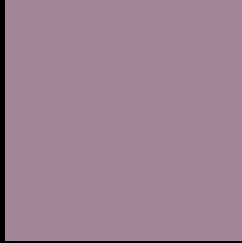
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9272, 0.3230, 0.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

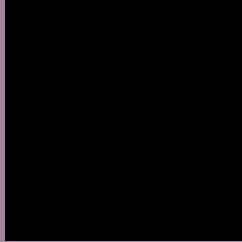
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9272, 0.3230, 0.3002

Background



This preview shows how black text looks on a background with the Yxy color 26.9272, 0.3230, 0.3002.



This preview shows how white text looks on a background with the Yxy color 26.9272, 0.3230, 0.3002.

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

26.9272, 0.3230, 0.3002

Protanopia

27.0595, 0.2962, 0.3033

Deuteranopia

27.0233, 0.3127, 0.3070



Tritanopia

26.8769, 0.3292, 0.3121

Trichromacy



Original Color

26.9272, 0.3230, 0.3002

Protanomaly

26.8732, 0.3055, 0.3007

Deuteranomaly

27.1269, 0.3171, 0.3058

Tritanomaly

26.9715, 0.3260, 0.3076

Monochromacy



Original Color

26.9272, 0.3230, 0.3002

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.3468, 0.3165, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9272, 0.3230, 0.3002 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(161, 134, 153)` looks like.

```
.text, #text, p{  
    color:rgb(161, 134, 153)  
}
```

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(161, 134, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 134, 153) }
```

Border

The CSS property to change the border of an element to Yxy 26.9272, 0.3230, 0.3002 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(161, 134, 153) }
```

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

```
.border{ border-color:rgb(161, 134, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 134, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 134, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 134, 153);  
box-shadow:4px 4px 4px 4px rgb(161, 134,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9272, 0.3230, 0.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 134, 153) }
```

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

```
.background{ background-color: rgb(161,  
134, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor