

Converting Colors

$Y_{xy}(26.8315, 0.3218, 0.3000)$

Have a look what the booklet for
Yxy(26.8315, 0.3218, 0.3000)
contains.

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Color

Yxy(26.8237, 0.3219, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	A08699
RGB	160, 134, 153
RGB Percent	63%, 53%, 60%
CMY	0.3725, 0.4745, 0.4001
CMYK	0.00, 0.16, 0.04, 0.37
HSL	316°, 12%, 58%
HSV	316°, 16%, 63%
XYZ	28.7722, 26.8237, 33.7866
YIQ	143.9400, 9.3970, 11.4210

Conversions

Conversions Part 2

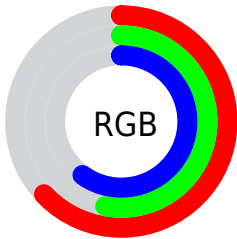
Format	Color
R_{YB}	160, 134, 153
Decimal	10520217
CIE _{Lab}	58.81, 13.26, -6.42
CIE _{LCh}	59, 14.734, 334.179
Yxy	26.8237, 0.3219, 0.3001
Android (android.graphics.Color)	4288710297 (0xFFA08699)
YUV	143.9400, 4.4666, 14.0846
Hunter-Lab	51.7916, 8.5284, -2.4241

Details

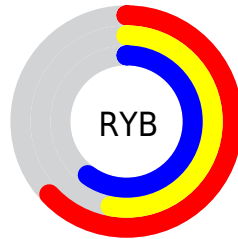
The Yxy color **26.8237, 0.3219, 0.3001** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1392, 0.3046, 0.3597**, and the grayscale version is **27.8440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4927, 0.3204, 0.3060**, and **10.4881, 0.3245, 0.2896** is the 20% darker color. If you saturate the color by 10%, you get **22.5906, 0.3288, 0.2816**, and if you desaturate by 10%, it is **31.7336, 0.3160, 0.3181**.

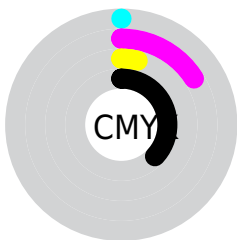
Distribution



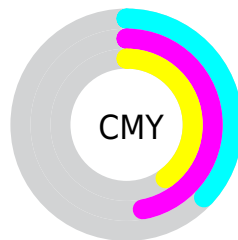
- Red (63%)
- Green (53%)
- Blue (60%)



- Red (63%)
- Yellow (53%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (37%)





- Cyan (37%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8237, 0.3219, 0.3001 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 26.8237, 0.3219, 0.3001 by changing the saturation by 10% instead.


 26.8237, 0.3219,
0.3001


 26.8237, 0.3219,
0.3001


286.8025, 0.3170,
0.3156


 17.4409, 0.3232,
0.2959


 54.6008, 0.3201,
0.3060

 10.5493, 0.3249,
0.2902


 73.7639, 0.3194,
0.3081

 5.7647, 0.3274,
0.2822


 96.9559, 0.3188,
0.3099

 2.7025, 0.3310,
0.2701

124.5611, 0.3184,
0.3114

 0.9785, 0.3369,
0.2496

156.9640, 0.3180,
0.3126

 0.0000, 0.3941,
0.0000

194.5489, 0.3176,

 0.0000, 0.0000,

0.3137

0.0000

237.7003, 0.3173,
0.3147

■ 26.8237, 0.3219,
0.3001

■ 26.8237, 0.3219,
0.3001

■ 22.5906, 0.3288,
0.2816

■ 31.7336, 0.3160,
0.3181

■ 19.0009, 0.3367,
0.2631

■ 37.3449, 0.3109,
0.3353

■ 16.0232, 0.3455,
0.2454

■ 43.6854, 0.3066,
0.3515

■ 13.6226, 0.3553,
0.2293

■ 50.7802, 0.3030,
0.3666

■ 11.7604, 0.3658,
0.2158

■ 58.6532, 0.3000,
0.3805

■ 10.3930, 0.3767,
0.2058

■ 67.3274, 0.2975,
0.3933

■ 9.4702, 0.3878,
0.2002

■ 76.8246, 0.2954,
0.4050

■ 8.9210, 0.3985,
0.1991

■ 82.6093, 0.2934,
0.4088

■ 8.7526, 0.4026,
0.1992

■ 82.7984, 0.2912,
0.4034

Harmonies

Analogous

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



26.8237, 0.2970, 0.2896



26.8237, 0.3219, 0.3001



26.8237, 0.3451, 0.3176

Triad

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



26.8237, 0.3219, 0.3001



26.8237, 0.3487, 0.3706



26.8237, 0.2680, 0.3166

Complementary

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



26.8237, 0.3219, 0.3001



32.1392, 0.3046, 0.3597

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.



26.8237, 0.2808, 0.3398



26.8237, 0.3219, 0.3001



26.8237, 0.3271, 0.3721

Square

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



26.8237, 0.3219, 0.3001



26.8237, 0.3608, 0.3578



26.8237, 0.3023, 0.3607



26.8237, 0.2667, 0.2980

Rectangle

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



26.8237, 0.3219, 0.3001



26.8237, 0.3561, 0.3314



26.8237, 0.3023, 0.3607



26.8237, 0.2711, 0.3241

Sweetspot

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



26.8249, 0.3219, 0.3001



58.7230, 0.3153, 0.3202



25.2467, 0.2941, 0.2873



12.7397, 0.3157, 0.3190



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.



26.8249, 0.3219, 0.3001



45.3772, 0.3246, 0.2925



26.4214, 0.3359, 0.3196



6.7239, 0.3176, 0.3128



6.8244, 0.4017, 0.1987



0.1286, 0.3635, 0.1776

Inverse Universe

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



26.8249, 0.3219, 0.3001



45.3772, 0.3246, 0.2925



32.5461, 0.2937, 0.3386



6.7239, 0.3176, 0.3128



6.8244, 0.4017, 0.1987



0.1286, 0.3635, 0.1776

Previews

White Background



This preview shows how the Yxy color 26.8237, 0.3219, 0.3001 looks on a white background.

Color Contrast Check

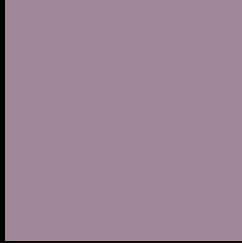
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8237, 0.3219, 0.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

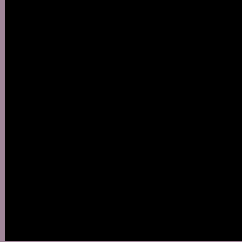
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8237, 0.3219, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 26.8237, 0.3219, 0.3001.



This preview shows how white text looks on a background with the Yxy color 26.8237, 0.3219, 0.3001.

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

26.8237, 0.3219, 0.3001

Protanopia

27.0595, 0.2962, 0.3033

Deuteranopia

27.0233, 0.3127, 0.3070



Tritanopia

26.7742, 0.3281, 0.3120

Trichromacy



Original Color

26.8237, 0.3219, 0.3001

Protanomaly

26.7803, 0.3044, 0.3006

Deuteranomaly

27.0283, 0.3160, 0.3057

Tritanomaly

26.8688, 0.3249, 0.3075

Monochromacy



Original Color

26.8237, 0.3219, 0.3001

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 26.8237, 0.3219, 0.3001 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(160, 134, 153)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 134, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 134, 153) }
```

Border

The CSS property to change the border of an element to Yxy 26.8237, 0.3219, 0.3001 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(160, 134, 153) }
```

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

```
.border{ border-color:rgb(160, 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(160, 134, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 134, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 134, 153);  
box-shadow:4px 4px 4px 4px rgb(160, 134,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8237, 0.3219, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 134, 153) }
```

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

```
.background{ background-color: rgb(160,  
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](#).

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