

Converting Colors

$Y_{xy}(26.9272, 0.3236, 0.3123)$

Have a look what the booklet for
Yxy(26.9272, 0.3236, 0.3123)
contains.

Yxy(26.7828, 0.3235, 0.3119)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.7828, 0.3235, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	9C8893
RGB	156, 136, 147
RGB Percent	61%, 53%, 58%
CMY	0.3883, 0.4666, 0.4235
CMYK	0.00, 0.13, 0.06, 0.39
HSL	327°, 9%, 57%
HSV	327°, 13%, 61%
XYZ	27.7789, 26.7828, 31.3081
YIQ	143.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

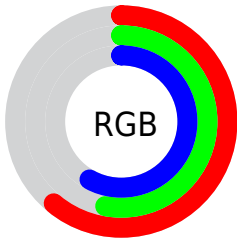
Format	Color
R _Y B	156, 136, 147
Decimal	10258579
CIE Lab	58.77, 9.52, -3.09
CIE LCh	59, 10.007, 342.025
Yxy	26.7828, 0.3235, 0.3119
Android (android.graphics.Color)	4288448659 (0xFF9C8893)
YUV	143.2340, 1.8566, 11.1958
Hunter-Lab	51.7521, 5.2470, 0.3582

Details

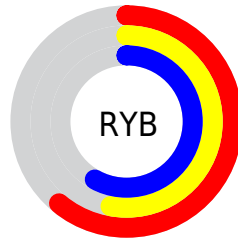
The Yxy color $26.7828, 0.3235, 0.3119$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.0521, 0.3032, 0.3467$, and the grayscale version is $27.5565, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4611, 0.3216, 0.3150$, and $10.5034, 0.3287, 0.3065$ is the 20% darker color. If you saturate the color by 10%, you get $22.4913, 0.3338, 0.2978$, and if you desaturate by 10%, it is $31.7296, 0.3149, 0.3254$.

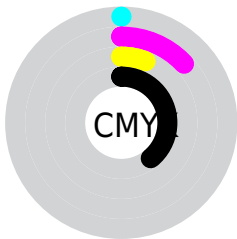
Distribution



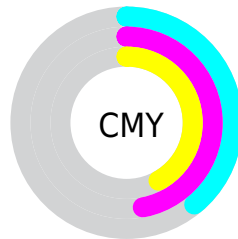
- Red (61%)
- Green (53%)
- Blue (58%)



- Red (61%)
- Yellow (53%)
- Blue (58%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (39%)





- Cyan (39%)
- Magenta (47%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7828, 0.3235, 0.3119 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 26.7828, 0.3235, 0.3119 by changing the saturation by 10% instead.

 26.7828, 0.3235,
0.3119


 26.7828, 0.3235,
0.3119


286.6039, 0.3177,
0.3211


 17.4102, 0.3251,
0.3093

 54.5351, 0.3213,
0.3154

 10.5274, 0.3273,
0.3059


 73.6836, 0.3205,
0.3167

 5.7500, 0.3305,
0.3009


 96.8595, 0.3198,
0.3178

 2.6937, 0.3354,
0.2933

124.4472, 0.3192,
0.3187

 0.9740, 0.3439,
0.2801

156.8311, 0.3188,
0.3194

 0.0000, 0.6030,
0.0000

194.3956, 0.3183,

 0.0000, 0.0000,

0.3201

0.0000

237.5251, 0.3180,
0.3206

■ 26.7828, 0.3235,
0.3119

■ 26.7828, 0.3235,
0.3119

■ 22.4913, 0.3338,
0.2978

■ 31.7296, 0.3149,
0.3254

■ 18.8238, 0.3460,
0.2835

■ 37.3542, 0.3077,
0.3380

■ 15.7517, 0.3602,
0.2694

■ 43.6825, 0.3017,
0.3498

■ 13.2429, 0.3766,
0.2564

■ 50.7377, 0.2967,
0.3607

■ 11.2620, 0.3950,
0.2452

■ 58.5423, 0.2926,
0.3707

■ 9.7699, 0.4151,
0.2372

■ 67.1176, 0.2892,
0.3799

■ 8.7216, 0.4361,
0.2334

■ 76.4841, 0.2863,
0.3883

■ 8.0638, 0.4572,
0.2346

■ 82.9056, 0.2835,
0.3900

■ 7.7354, 0.4724,
0.2376

■ 83.2482, 0.2800,
0.3814

Harmonies

Analogous

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



26.7828, 0.3064, 0.3031



26.7828, 0.3235, 0.3119



26.7828, 0.3379, 0.3250

Triad

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



26.7828, 0.3235, 0.3119



26.7828, 0.3339, 0.3583



26.7828, 0.2810, 0.3171

Complementary

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



26.7828, 0.3235, 0.3119



31.0521, 0.3032, 0.3467

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.



26.7828, 0.2880, 0.3323



26.7828, 0.3235, 0.3119



26.7828, 0.3183, 0.3567

Square

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



26.7828, 0.3235, 0.3119



26.7828, 0.3440, 0.3517



26.7828, 0.3015, 0.3471



26.7828, 0.2822, 0.3057

Rectangle

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



26.7828, 0.3235, 0.3119



26.7828, 0.3440, 0.3347



26.7828, 0.3015, 0.3471



26.7828, 0.2825, 0.3219

Sweetspot

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



26.7840, 0.3235, 0.3119



56.4306, 0.3159, 0.3237



26.0001, 0.3020, 0.2972



12.2701, 0.3165, 0.3228



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.7840, 0.3235, 0.3119



46.6060, 0.3259, 0.3085



26.4934, 0.3339, 0.3270



6.7041, 0.3203, 0.3168



6.3797, 0.4709, 0.2368



0.1225, 0.3982, 0.1967

Inverse Universe

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



26.7840, 0.3235, 0.3119



46.6060, 0.3259, 0.3085



31.3629, 0.2948, 0.3311



6.7041, 0.3203, 0.3168



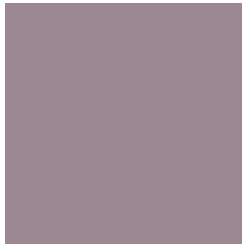
6.3797, 0.4709, 0.2368



0.1225, 0.3982, 0.1967

Previews

White Background



This preview shows how the Yxy color 26.7828, 0.3235, 0.3119 looks on a white background.

Color Contrast Check

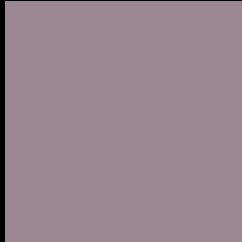
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7828, 0.3235, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

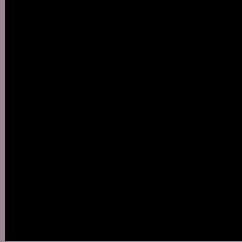
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7828, 0.3235, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 26.7828, 0.3235, 0.3119.



This preview shows how white text looks on a background with the Yxy color 26.7828, 0.3235, 0.3119.

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

26.7828, 0.3235, 0.3119

Protanopia

27.0025, 0.3049, 0.3144

Deuteranopia

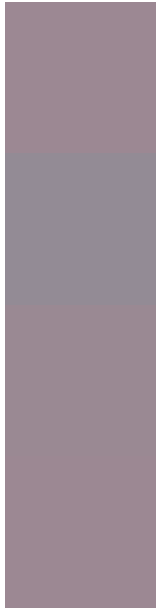
26.7702, 0.3201, 0.3133



Tritanopia

26.7828, 0.3235, 0.3119

Trichromacy



Original Color

26.7828, 0.3235, 0.3119

Protanomaly

26.8382, 0.3113, 0.3130

Deuteranomaly

26.8679, 0.3212, 0.3133

Tritanomaly

26.7828, 0.3235, 0.3119

Monochromacy



Original Color

26.7828, 0.3235, 0.3119

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.0657, 0.3174, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7828, 0.3235, 0.3119 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(156, 136, 147)` looks like.

```
.text, #text, p{  
    color:rgb(156, 136, 147)  
}
```

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(156, 136, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 136, 147) }
```

Border

The CSS property to change the border of an element to Yxy 26.7828, 0.3235, 0.3119 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(156, 136, 147) }
```

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

```
.border{ border-color:rgb(156, 136, 147) }
```

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

Here you see how a box with a 4 pixel rgb(156, 136, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 136, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 136, 147);  
box-shadow:4px 4px 4px 4px rgb(156, 136,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7828, 0.3235, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 136, 147) }
```

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

```
.background{ background-color: rgb(156,  
136, 147) }
```

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