

Converting Colors

$Y_{xy}(26.3960, 0.3394, 0.3108)$

Have a look what the booklet for
Yxy(26.3960, 0.3394, 0.3108)
contains.

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Color

Yxy(26.3228, 0.3401, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	A6838F
RGB	166, 131, 143
RGB Percent	65%, 51%, 56%
CMY	0.3491, 0.4862, 0.4392
CMYK	0.00, 0.21, 0.14, 0.35
HSL	339°, 16%, 58%
HSV	339°, 21%, 65%
XYZ	28.7951, 26.3228, 29.5486
YIQ	142.8330, 17.0080, 11.1520

Conversions

Conversions Part 2

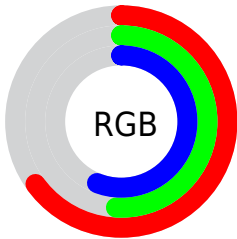
Format	Color
RYB	166, 131, 143
Decimal	10912655
CIELab	58.34, 15.37, -1.31
CIElCh	58, 15.427, 355.130
Yxy	26.3228, 0.3401, 0.3109
Android (android.graphics.Color)	4289102735 (0xFFA6838F)
YUV	142.8330, 0.0823, 20.3175
Hunter-Lab	51.3058, 10.3970, 1.7671

Details

The Yxy color $26.3228, 0.3401, 0.3109$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $34.4206, 0.2913, 0.3479$, and the grayscale version is $27.3925, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.6843, 0.3337, 0.3141$, and $10.2526, 0.3506, 0.3032$ is the 20% darker color. If you saturate the color by 10%, you get $21.9017, 0.3576, 0.3018$, and if you desaturate by 10%, it is $31.4926, 0.3257, 0.3198$.

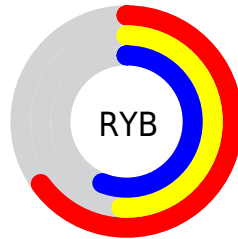
Distribution



Red (65%)

Green (51%)

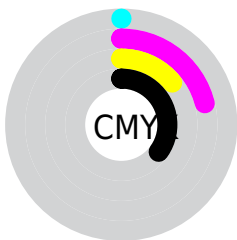
Blue (56%)



Red (65%)

Yellow (51%)

Blue (56%)

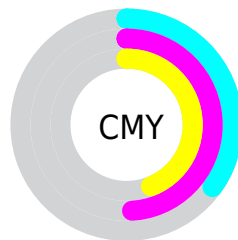


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (35%)



Cyan (35%)


Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3228, 0.3401, 0.3109 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 26.3228, 0.3401, 0.3109 by changing the saturation by 10% instead.


 26.3228, 0.3401,
0.3109

 26.3228, 0.3401,
0.3109


284.3631, 0.3251,
0.3207

 17.0653, 0.3443,
0.3081


 53.7952, 0.3343,
0.3147

 10.2810, 0.3501,
0.3044


 72.7790, 0.3323,
0.3160

 5.5857, 0.3584,
0.2990

 95.7735, 0.3306,
0.3172

 2.5948, 0.3715,
0.2906

123.1634, 0.3291,
0.3181

 0.9241, 0.3950,
0.2758

155.3328, 0.3279,
0.3189

 0.0000, 1.0000,
0.0000

192.6664, 0.3269,

 0.0000, 0.0000,

0.3196

0.0000

235.5483, 0.3259,
0.3202

■ 26.3228, 0.3401,
0.3109

■ 26.3228, 0.3401,
0.3109

■ 21.9017, 0.3576,
0.3018

■ 31.4926, 0.3257,
0.3198

■ 18.1910, 0.3787,
0.2927

■ 37.4400, 0.3138,
0.3281

■ 15.1540, 0.4037,
0.2844


■ 44.1969, 0.3041,
0.3359

■ 12.7497, 0.4325,
0.2777


■ 51.7923, 0.2962,
0.3431


■ 10.9324, 0.4645,
0.2736


■ 60.2536, 0.2896,
0.3497


 9.6502, 0.4982,
0.2735

 69.6071, 0.2842,
0.3557

 8.8417, 0.5311,
0.2780

 79.8780, 0.2798,
0.3612

 8.3980, 0.5585,
0.2850

 85.3515, 0.2751,
0.3568

 85.9846, 0.2698,
0.3443

Harmonies

Analogous

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



26.3228, 0.3143, 0.2944



26.3228, 0.3401, 0.3109



26.3228, 0.3588, 0.3322

Triad

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



26.3228, 0.3401, 0.3109



26.3228, 0.3354, 0.3754



26.3228, 0.2634, 0.3013

Complementary

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



26.3228, 0.3401, 0.3109



34.4206, 0.2913, 0.3479

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.



26.3228, 0.2686, 0.3230



26.3228, 0.3401, 0.3109



26.3228, 0.3095, 0.3675

Square

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



26.3228, 0.3401, 0.3109



26.3228, 0.3558, 0.3698



26.3228, 0.2852, 0.3477



26.3228, 0.2707, 0.2883

Rectangle

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



26.3228, 0.3401, 0.3109



26.3228, 0.3643, 0.3467



26.3228, 0.2852, 0.3477



26.3228, 0.2638, 0.3078

Sweetspot

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



26.3240, 0.3401, 0.3109



62.3421, 0.3195, 0.3240



25.8334, 0.3019, 0.2758



13.8021, 0.3203, 0.3235



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.3240, 0.3401, 0.3109



44.0945, 0.3474, 0.3069



27.4245, 0.3523, 0.3371



7.5832, 0.3234, 0.3213



6.5229, 0.5561, 0.2837



0.1683, 0.4660, 0.2341

Inverse Universe

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



26.3240, 0.3401, 0.3109



44.0945, 0.3474, 0.3069



32.9729, 0.2815, 0.3207



7.5832, 0.3234, 0.3213



6.5229, 0.5561, 0.2837



0.1683, 0.4660, 0.2341

Previews

White Background



This preview shows how the Yxy color 26.3228, 0.3401, 0.3109 looks on a white background.

Color Contrast Check

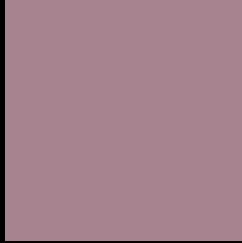
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3228, 0.3401, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

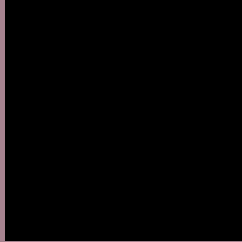
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3228, 0.3401, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 26.3228, 0.3401, 0.3109.



This preview shows how white text looks on a background with the Yxy color 26.3228, 0.3401, 0.3109.

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

26.3228, 0.3401, 0.3109

Protanopia

26.5570, 0.3059, 0.3160

Deuteranopia

26.3336, 0.3255, 0.3195



Tritanopia

26.2627, 0.3424, 0.3139

Trichromacy



Original Color

26.3228, 0.3401, 0.3109

Protanomaly

26.4507, 0.3178, 0.3147

Deuteranomaly

26.2723, 0.3315, 0.3166

Tritanomaly

26.2926, 0.3413, 0.3124

Monochromacy



Original Color

26.3228, 0.3401, 0.3109

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.0277, 0.3218, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3228, 0.3401, 0.3109 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(166, 131, 143)` looks like.

```
.text, #text, p{  
    color:rgb(166, 131, 143)  
}
```

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(166, 131, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 131, 143) }
```

Border

The CSS property to change the border of an element to Yxy 26.3228, 0.3401, 0.3109 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(166, 131, 143) }
```

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

```
.border{ border-color:rgb(166, 131, 143) }
```

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

Here you see how a box with a 4 pixel rgb(166, 131, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 131, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 131, 143);  
box-shadow:4px 4px 4px 4px rgb(166, 131,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3228, 0.3401, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 131, 143) }
```

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

```
.background{ background-color: rgb(166,  
131, 143) }
```

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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