

Converting Colors

$Y_{xy}(28.3586, 0.3245, 0.2969)$

Have a look what the booklet for
Yxy(28.3586, 0.3245, 0.2969)
contains.

Yxy(28.2924, 0.3241, 0.2966)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.2924, 0.3241, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	A7889E
RGB	167, 136, 158
RGB Percent	65%, 53%, 62%
CMY	0.3450, 0.4667, 0.3804
CMYK	0.00, 0.19, 0.05, 0.35
HSL	317°, 15%, 59%
HSV	317°, 19%, 65%
XYZ	30.9156, 28.2924, 36.1811
YIQ	147.7770, 11.4140, 13.4140

Conversions

Conversions Part 2

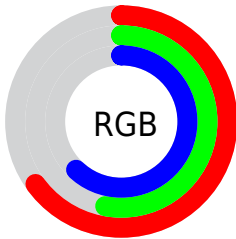
Format	Color
RYB	167, 136, 158
Decimal	10979486
CIELab	60.15, 15.62, -7.23
CIELCh	60, 17.213, 335.158
Yxy	28.2924, 0.3241, 0.2966
Android (android.graphics.Color)	4289169566 (0xFFA7889E)
YUV	147.7770, 5.0399, 16.8586
Hunter-Lab	53.1906, 10.6648, -3.0966

Details

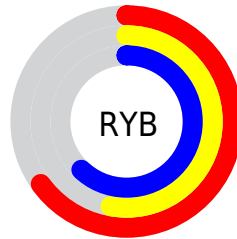
The Yxy color **28.2924, 0.3241, 0.2966** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.9240, 0.3030, 0.3637**, and the grayscale version is **29.4930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7289, 0.3213, 0.3021**, and **11.3620, 0.3277, 0.2853** is the 20% darker color. If you saturate the color by 10%, you get **23.7863, 0.3317, 0.2785**, and if you desaturate by 10%, it is **33.5407, 0.3176, 0.3144**.

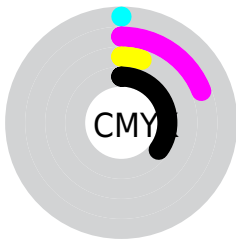
Distribution



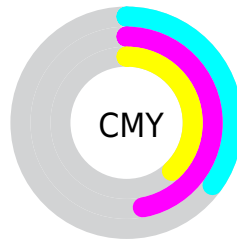
- Red (65%)
- Green (53%)
- Blue (62%)



- Red (65%)
- Yellow (53%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (5%)
- Black (35%)





- Cyan (35%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2924, 0.3241, 0.2966 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 28.2924, 0.3241, 0.2966 by changing the saturation by 10% instead.


 28.2924, 0.3241,
0.2966


 28.2924, 0.3241,
0.2966


293.8615, 0.3181,
0.3137


 18.5462, 0.3257,
0.2920


 56.9509, 0.3219,
0.3031

 11.3428, 0.3278,
0.2859


 76.6320, 0.3210,
0.3054

 6.2979, 0.3307,
0.2773


 100.3936, 0.3204,
0.3074

 3.0271, 0.3350,
0.2646

128.6200, 0.3198,
0.3090

 1.1459, 0.3418,
0.2437

161.6955, 0.3193,
0.3105

 0.0168, 0.4236,
0.0179

200.0047, 0.3188,

 0.0000, 0.0000,

0.3117

0.0000

243.9319, 0.3185,
0.3128

■ 28.2924, 0.3241,
0.2966

■ 28.2924, 0.3241,
0.2966

■ 23.7863, 0.3317,
0.2785

■ 33.5407, 0.3176,
0.3144

■ 19.9847, 0.3404,
0.2605

■ 39.5592, 0.3120,
0.3314

■ 16.8523, 0.3502,
0.2434

■ 46.3790, 0.3073,
0.3474

■ 14.3492, 0.3611,
0.2281

■ 54.0284, 0.3033,
0.3623

■ 12.4312, 0.3726,
0.2157

■ 62.5342, 0.3000,
0.3761

■ 11.0483, 0.3847,
0.2071

■ 71.9222, 0.2972,
0.3888

■ 10.1422, 0.3967,
0.2031

■ 82.2170, 0.2949,
0.4005

■ 9.6055, 0.4086,
0.2033

■ 83.7616, 0.2925,
0.3967

■ 9.5374, 0.4103,
0.2034

■ 83.9875, 0.2900,
0.3908

Harmonies

Analogous

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



28.2924, 0.2955, 0.2843



28.2924, 0.3241, 0.2966



28.2924, 0.3506, 0.3166

Triad

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



28.2924, 0.3241, 0.2966



28.2924, 0.3533, 0.3770



28.2924, 0.2614, 0.3137

Complementary

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



28.2924, 0.3241, 0.2966



34.9240, 0.3030, 0.3637

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.



28.2924, 0.2755, 0.3405



28.2924, 0.3241, 0.2966



28.2924, 0.3282, 0.3785

Square

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



28.2924, 0.3241, 0.2966



28.2924, 0.3677, 0.3624



28.2924, 0.2997, 0.3650



28.2924, 0.2604, 0.2929

Rectangle

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



28.2924, 0.3241, 0.2966



28.2924, 0.3630, 0.3323



28.2924, 0.2997, 0.3650



28.2924, 0.2648, 0.3223

Sweetspot

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



28.2936, 0.3241, 0.2966



62.5806, 0.3161, 0.3186



26.3981, 0.2916, 0.2807



13.8607, 0.3165, 0.3176



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.



28.2936, 0.3241, 0.2966



47.4202, 0.3269, 0.2897



27.7995, 0.3405, 0.3190



7.6289, 0.3180, 0.3131



7.3048, 0.4092, 0.2028



0.1860, 0.3742, 0.1835

Inverse Universe

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



28.2936, 0.3241, 0.2966



47.4202, 0.3269, 0.2897



35.4278, 0.2907, 0.3393



7.6289, 0.3180, 0.3131



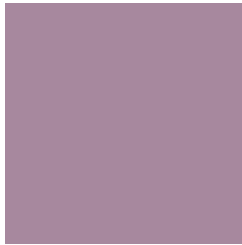
7.3048, 0.4092, 0.2028



0.1860, 0.3742, 0.1835

Previews

White Background



This preview shows how the Yxy color 28.2924, 0.3241, 0.2966 looks on a white background.

Color Contrast Check

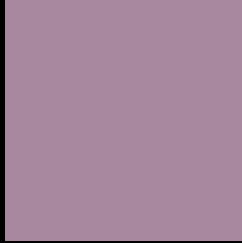
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2924, 0.3241, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

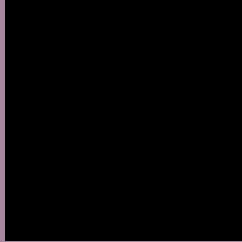
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2924, 0.3241, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 28.2924, 0.3241, 0.2966.



This preview shows how white text looks on a background with the Yxy color 28.2924, 0.3241, 0.2966.

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

28.2924, 0.3241, 0.2966

Protanopia

28.3416, 0.2928, 0.2992

Deuteranopia

28.3541, 0.3107, 0.3044



Tritanopia

28.4221, 0.3333, 0.3141

Trichromacy



Original Color

28.2924, 0.3241, 0.2966

Protanomaly

28.2023, 0.3037, 0.2982

Deuteranomaly

28.2705, 0.3161, 0.3018

Tritanomaly

28.2653, 0.3292, 0.3067

Monochromacy



Original Color

28.2924, 0.3241, 0.2966

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.1821, 0.3164, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2924, 0.3241, 0.2966 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(167, 136, 158)` looks like.

```
.text, #text, p{  
    color:rgb(167, 136, 158)  
}
```

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(167, 136, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 136, 158) }
```

Border

The CSS property to change the border of an element to Yxy 28.2924, 0.3241, 0.2966 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(167, 136, 158) }
```

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

```
.border{ border-color:rgb(167, 136, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 136, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 136, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 136, 158);  
box-shadow:4px 4px 4px 4px rgb(167, 136,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2924, 0.3241, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 136, 158) }
```

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

```
.background{ background-color: rgb(167,  
136, 158) }
```

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