

Converting Colors

$Y_{xy}(28.7469, 0.3001, 0.2884)$

Have a look what the booklet for
Yxy(28.7469, 0.3001, 0.2884)
contains.

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Color

Yxy(28.7469, 0.3001, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	9A8DA8
RGB	154, 141, 168
RGB Percent	60%, 55%, 66%
CMY	0.3962, 0.4470, 0.3412
CMYK	0.08, 0.16, 0.00, 0.34
HSL	269°, 13%, 61%
HSV	269°, 16%, 66%
XYZ	29.9131, 28.7469, 41.0172
YIQ	147.9650, -0.9190, 11.1530

Conversions

Conversions Part 2

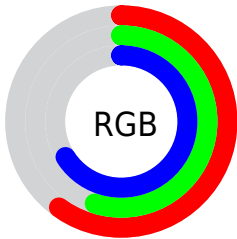
Format	Color
RYB	154, 141, 168
Decimal	10128808
CIELab	60.56, 10.11, -12.45
CIELCh	61, 16.039, 309.094
Yxy	28.7469, 0.3001, 0.2884
Android (android.graphics.Color)	4288318888 (0xFF9A8DA8)
YUV	147.9650, 9.8773, 5.2927
Hunter-Lab	53.6161, 5.7592, -7.8265

Details

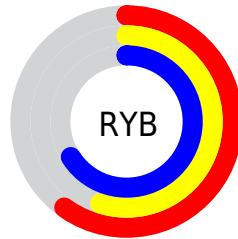
The Yxy color **28.7469, 0.3001, 0.2884** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.9029, 0.3238, 0.3695**, and the grayscale version is **29.5560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7678, 0.3026, 0.2970**, and **11.6267, 0.2957, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **23.3366, 0.2906, 0.2606**, and if you desaturate by 10%, it is **34.9737, 0.3083, 0.3143**.

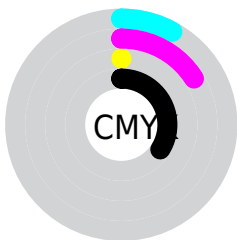
Distribution



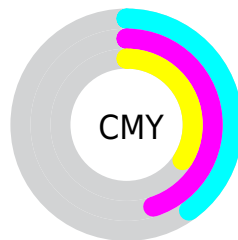
- Red (60%)
- Green (55%)
- Blue (66%)



- Red (60%)
- Yellow (55%)
- Blue (66%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (34%)





- Cyan (40%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7469, 0.3001, 0.2884 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 28.7469, 0.3001, 0.2884 by changing the saturation by 10% instead.


 28.7469, 0.3001,
0.2884


 28.7469, 0.3001,
0.2884


296.0189, 0.3071,
0.3098


 18.8894, 0.2981,
0.2827


 57.6747, 0.3028,
0.2965

 11.5904, 0.2954,
0.2751


 77.5139, 0.3038,
0.2994

 6.4654, 0.2914,
0.2646


 101.4490, 0.3046,
0.3018

 3.1301, 0.2853,
0.2491

129.8646, 0.3052,
0.3039

 1.2000, 0.2744,
0.2239

163.1450, 0.3058,
0.3057

 0.0617, 0.2342,
0.0473

201.6745, 0.3063,

 0.0000, 0.0000,

0.3073

0.0000

245.8377, 0.3067,
0.3086

■ 28.7469, 0.3001,
0.2884

■ 28.7469, 0.3001,
0.2884

■ 23.3366, 0.2906,
0.2606

■ 34.9737, 0.3083,
0.3143

■ 18.7040, 0.2798,
0.2316

■ 42.0462, 0.3153,
0.3381

■ 14.8127, 0.2678,
0.2020

■ 49.9966, 0.3213,
0.3597

■ 11.6218, 0.2549,
0.1731

■ 58.8544, 0.3262,
0.3791

■ 9.0862, 0.2415,
0.1463

■ 68.6477, 0.3304,
0.3965

7.1556, 0.2280,
0.1231

79.4033, 0.3338,
0.4120

5.7716, 0.2152,
0.1046

88.8173, 0.3373,
0.4226

4.8567, 0.2035,
0.0915

90.1776, 0.3432,
0.4208

4.5580, 0.1991,
0.0871

91.6096, 0.3491,
0.4190

Harmonies

Analogous

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



28.7469, 0.2777, 0.2855



28.7469, 0.3001, 0.2884



28.7469, 0.3268, 0.3010

Triad

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



28.7469, 0.3001, 0.2884



28.7469, 0.3627, 0.3624



28.7469, 0.2759, 0.3364

Complementary

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



28.7469, 0.3001, 0.2884



36.9029, 0.3238, 0.3695

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.



28.7469, 0.2974, 0.3597



28.7469, 0.3001, 0.2884



28.7469, 0.3477, 0.3744

Square

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



28.7469, 0.3001, 0.2884



28.7469, 0.3638, 0.3425



28.7469, 0.3237, 0.3739



28.7469, 0.2642, 0.3119

Rectangle

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



28.7469, 0.3001, 0.2884



28.7469, 0.3434, 0.3134



28.7469, 0.3237, 0.3739



28.7469, 0.2821, 0.3447

Sweetspot

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



28.7481, 0.3001, 0.2884



64.6408, 0.3091, 0.3167



32.0701, 0.2881, 0.3096



13.9109, 0.3085, 0.3151



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.



28.7481, 0.3001, 0.2884



48.7792, 0.2971, 0.2795



30.1085, 0.3136, 0.2901



7.4704, 0.3058, 0.3062



3.4723, 0.2001, 0.0876



0.1151, 0.2387, 0.1089

Inverse Universe

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



29.7482, 0.3276, 0.3084



50.9397, 0.3312, 0.3040



35.6721, 0.3116, 0.3711



7.6051, 0.3208, 0.3173



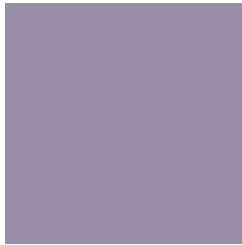
6.8218, 0.4838, 0.2439



0.1762, 0.4168, 0.2070

Previews

White Background



This preview shows how the Yxy color 28.7469, 0.3001, 0.2884 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 28.7469, 0.3001, 0.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

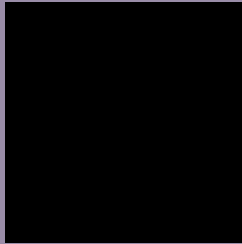
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7469, 0.3001, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 28.7469, 0.3001, 0.2884.



This preview shows how white text looks on a background with the Yxy color 28.7469, 0.3001, 0.2884.

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

28.7469, 0.3001, 0.2884

Protanopia

28.8538, 0.2849, 0.2888

Deuteranopia

28.6572, 0.2961, 0.2894



Tritanopia

28.6869, 0.3104, 0.3104

Trichromacy



Original Color

28.7469, 0.3001, 0.2884

Protanomaly

28.9598, 0.2905, 0.2892

Deuteranomaly

28.7525, 0.2971, 0.2896

Tritanomaly

28.6564, 0.3067, 0.3014

Monochromacy



Original Color

28.7469, 0.3001, 0.2884

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.1014, 0.3083, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7469, 0.3001, 0.2884 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(154, 141, 168)` looks like.

```
.text, #text, p{  
    color:rgb(154, 141, 168)  
}
```

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(154, 141, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 141, 168) }
```

Border

The CSS property to change the border of an element to Yxy 28.7469, 0.3001, 0.2884 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(154, 141, 168) }
```

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

```
.border{ border-color:rgb(154, 141, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 141, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 141, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 141, 168);  
box-shadow:4px 4px 4px 4px rgb(154, 141,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7469, 0.3001, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 141, 168) }
```

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

```
.background{ background-color: rgb(154,  
141, 168) }
```

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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