

Converting Colors

$Y_{xy}(28.1233, 0.2907, 0.2800)$

Have a look what the booklet for
Yxy(28.1233, 0.2907, 0.2800)
contains.

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Color

Yxy(28.1243, 0.2914, 0.2805)

Conversions

Conversions Part 1

Format	Color
Hex	958CAC
RGB	149, 140, 172
RGB Percent	58%, 55%, 67%
CMY	0.4158, 0.4509, 0.3254
CMYK	0.13, 0.19, 0.00, 0.33
HSL	257°, 16%, 61%
HSV	257°, 19%, 67%
XYZ	29.2172, 28.1243, 42.9234
YIQ	146.3390, -4.9080, 11.8600

Conversions

Conversions Part 2

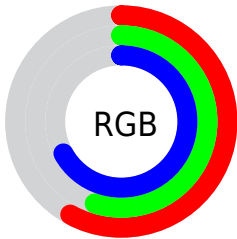
Format	Color
R _Y B	149, 140, 172
Decimal	9800876
CIE Lab	60.00, 9.86, -15.61
CIE LCh	60, 18.462, 302.264
Yxy	28.1243, 0.2914, 0.2805
Android (android.graphics.Color)	4287990956 (0xFF958CAC)
YUV	146.3390, 12.6509, 2.3337
Hunter-Lab	53.0323, 5.5346, -10.8656

Details

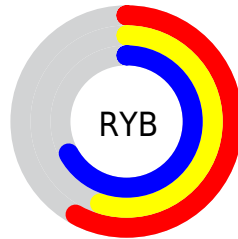
The Yxy color **28.1243, 0.2914, 0.2805** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.1932, 0.3316, 0.3756**, and the grayscale version is **28.8394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8261, 0.2960, 0.2911**, and **11.2651, 0.2833, 0.2641** is the 20% darker color. If you saturate the color by 10%, you get **22.3822, 0.2776, 0.2509**, and if you desaturate by 10%, it is **34.7783, 0.3036, 0.3077**.

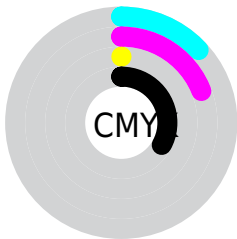
Distribution



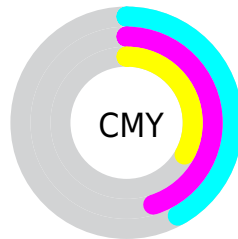
- Red (58%)
- Green (55%)
- Blue (67%)



- Red (58%)
- Yellow (55%)
- Blue (67%)



- Cyan (13%)
- Magenta (19%)
- Yellow (0%)
- Black (33%)




- Cyan (42%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1243, 0.2914, 0.2805 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 28.1243, 0.2914, 0.2805 by changing the saturation by 10% instead.


 28.1243, 0.2914,
0.2805


 28.1243, 0.2914,
0.2805


293.0604, 0.3031,
0.3061

 18.4194, 0.2881,
0.2737

 56.6828, 0.2959,
0.2901

 11.2515, 0.2836,
0.2646


 76.3052, 0.2975,
0.2936

 6.2363, 0.2772,
0.2521


 100.0022, 0.2989,
0.2966

 2.9893, 0.2673,
0.2338

128.1583, 0.3000,
0.2990

 1.1261, 0.2502,
0.2044

161.1577, 0.3009,
0.3012

 0.0001, 0.1799,
0.0001

199.3849, 0.3018,

 0.0000, 0.0000,

0.3030

0.0000

243.2244, 0.3025,
0.3046

■ 28.1243, 0.2914,
0.2805

■ 28.1243, 0.2914,
0.2805

■ 22.3822, 0.2776,
0.2509

■ 34.7783, 0.3036,
0.3077

■ 17.5082, 0.2622,
0.2196

■ 42.3784, 0.3141,
0.3323

■ 13.4601, 0.2456,
0.1875

■ 50.9612, 0.3231,
0.3542

■ 10.1909, 0.2283,
0.1560

■ 60.5606, 0.3308,
0.3736

■ 7.6485, 0.2111,
0.1271

■ 71.2085, 0.3374,
0.3908

■ 5.7744, 0.1950,
0.1025

■ 82.9357, 0.3429,
0.4058

■ 4.5006, 0.1810,
0.0840

■ 92.2673, 0.3488,
0.4143

■ 3.7083, 0.1697,
0.0716

■ 94.4554, 0.3572,
0.4119

■ 3.6132, 0.1683,
0.0701

■ 95.7590, 0.3620,
0.4105

Harmonies

Analogous

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



28.1243, 0.2678, 0.2799



28.1243, 0.2914, 0.2805



28.1243, 0.3219, 0.2926

Triad

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



28.1243, 0.2914, 0.2805



28.1243, 0.3725, 0.3627



28.1243, 0.2749, 0.3441

Complementary

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



28.1243, 0.2914, 0.2805



39.1932, 0.3316, 0.3756

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.



28.1243, 0.3015, 0.3699



28.1243, 0.2914, 0.2805



28.1243, 0.3583, 0.3795

Square

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



28.1243, 0.2914, 0.2805



28.1243, 0.3700, 0.3385



28.1243, 0.3321, 0.3829



28.1243, 0.2586, 0.3150

Rectangle

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



28.1243, 0.2914, 0.2805



28.1243, 0.3421, 0.3057



28.1243, 0.3321, 0.3829



28.1243, 0.2829, 0.3536

Sweetspot

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



28.1255, 0.2914, 0.2805



66.3638, 0.3063, 0.3141



34.9192, 0.2846, 0.3161



14.2426, 0.3057, 0.3125



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



28.1255, 0.2914, 0.2805



46.8791, 0.2864, 0.2696



29.6880, 0.3071, 0.2827



7.8619, 0.3028, 0.3059



2.7129, 0.1692, 0.0706



0.1032, 0.2035, 0.0895

Inverse Universe

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



30.1760, 0.3238, 0.2960



51.2645, 0.3265, 0.2891



37.6500, 0.3171, 0.3777



8.1092, 0.3179, 0.3128



7.6150, 0.4057, 0.2008



0.2205, 0.3748, 0.1838

Previews

White Background



This preview shows how the Yxy color 28.1243, 0.2914, 0.2805 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 28.1243, 0.2914, 0.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

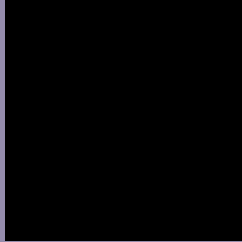
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1243, 0.2914, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 28.1243, 0.2914, 0.2805.



This preview shows how white text looks on a background with the Yxy color 28.1243, 0.2914, 0.2805.

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

28.1243, 0.2914, 0.2805

Protanopia

28.1042, 0.2793, 0.2809

Deuteranopia

28.0481, 0.2875, 0.2815



Tritanopia

28.0890, 0.3052, 0.3116

Trichromacy



Original Color

28.1243, 0.2914, 0.2805

Protanomaly

28.1139, 0.2838, 0.2813

Deuteranomaly

28.1393, 0.2885, 0.2817

Tritanomaly

28.1223, 0.2996, 0.2994

Monochromacy



Original Color

28.1243, 0.2914, 0.2805

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.5161, 0.3052, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1243, 0.2914, 0.2805 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(149, 140, 172)` looks like.

```
.text, #text, p{  
    color:rgb(149, 140, 172)  
}
```

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(149, 140, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 140, 172) }
```

Border

The CSS property to change the border of an element to Yxy 28.1243, 0.2914, 0.2805 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(149, 140, 172) }
```

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

```
.border{ border-color:rgb(149, 140, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 140, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 140, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 140, 172);  
box-shadow:4px 4px 4px 4px rgb(149, 140,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1243, 0.2914, 0.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 140, 172) }
```

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

```
.background{ background-color: rgb(149,  
140, 172) }
```

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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