

Converting Colors

$Y_{xy}(28.3142, 0.2943, 0.2718)$

Have a look what the booklet for
Yxy(28.3142, 0.2943, 0.2718)
contains.

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Color

Yxy(28.4192, 0.2938, 0.2717)

Conversions

Conversions Part 1

Format	Color
Hex	9C8AB1
RGB	156, 138, 177
RGB Percent	61%, 54%, 69%
CMY	0.3883, 0.4588, 0.3060
CMYK	0.12, 0.22, 0.00, 0.31
HSL	268°, 20%, 62%
HSV	268°, 22%, 69%
XYZ	30.7308, 28.4192, 45.4477
YIQ	147.8280, -1.7910, 15.9450

Conversions

Conversions Part 2

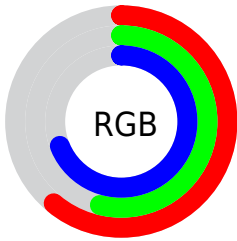
Format	Color
R _Y B	156, 138, 177
Decimal	10259121
CIE Lab	60.27, 14.44, -17.98
CIE LCh	60, 23.059, 308.783
Yxy	28.4192, 0.2938, 0.2717
Android (android.graphics.Color)	4288449201 (0xFF9C8AB1)
YUV	147.8280, 14.3818, 7.1668
Hunter-Lab	53.3097, 9.6059, -13.2293

Details

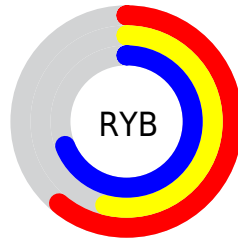
The Yxy color **28.4192, 0.2938, 0.2717** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.6408, 0.3286, 0.3859**, and the grayscale version is **29.4783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9937, 0.2979, 0.2820**, and **11.3777, 0.2865, 0.2540** is the 20% darker color. If you saturate the color by 10%, you get **22.8348, 0.2831, 0.2428**, and if you desaturate by 10%, it is **34.9080, 0.3032, 0.2990**.

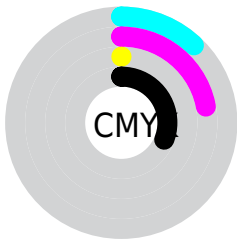
Distribution



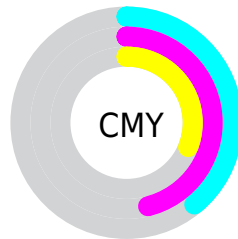
- Red (61%)
- Green (54%)
- Blue (69%)



- Red (61%)
- Yellow (54%)
- Blue (69%)



- Cyan (12%)
- Magenta (22%)
- Yellow (0%)
- Black (31%)



- Cyan (39%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.4192, 0.2938, 0.2717 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 28.4192, 0.2938, 0.2717 by changing the saturation by 10% instead.

■ 28.4192, 0.2938,
0.2717

■ 28.4192, 0.2938,
0.2717

■ 294.4646, 0.3043,
0.3016

■ 18.6419, 0.2908,
0.2639

■ 57.1530, 0.2979,
0.2828

■ 11.4118, 0.2867,
0.2536

■ 76.8783, 0.2994,
0.2869

■ 6.3445, 0.2808,
0.2395

■ 100.6884, 0.3005,
0.2904

■ 3.0557, 0.2716,
0.2192

■ 128.9677, 0.3016,
0.2933

■ 1.1609, 0.2556,
0.1876

■ 162.1006, 0.3024,
0.2958

■ 0.0294, 0.2192,
0.0169

■ 200.4714, 0.3031,

■ 0.0000, 0.0000,

0.2980

0.0000

244.4646, 0.3038,
0.2999

■ 28.4192, 0.2938,
0.2717

■ 28.4192, 0.2938,
0.2717

■ 22.8348, 0.2831,
0.2428

■ 34.9080, 0.3032,
0.2990

■ 18.1097, 0.2711,
0.2130

■ 42.3368, 0.3112,
0.3242

■ 14.1998, 0.2580,
0.1833

■ 50.7432, 0.3181,
0.3472

■ 11.0558, 0.2443,
0.1551

■ 60.1619, 0.3239,
0.3679

■ 8.6228, 0.2303,
0.1300

■ 70.6259, 0.3287,
0.3865

6.8382, 0.2168,
0.1092

82.1666, 0.3327,
0.4030

5.6278, 0.2043,
0.0940

90.3360, 0.3373,
0.4116

4.9518, 0.1953,
0.0850

91.8904, 0.3437,
0.4099

93.5314, 0.3501,
0.4081

Harmonies

Analogous

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



28.4192, 0.2624, 0.2674



28.4192, 0.2938, 0.2717



28.4192, 0.3323, 0.2891

Triad

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



28.4192, 0.2938, 0.2717



28.4192, 0.3849, 0.3756



28.4192, 0.2602, 0.3396

Complementary

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



28.4192, 0.2938, 0.2717



40.6408, 0.3286, 0.3859

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.



28.4192, 0.2906, 0.3745



28.4192, 0.2938, 0.2717



28.4192, 0.3630, 0.3944

Square

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



28.4192, 0.2938, 0.2717



28.4192, 0.3868, 0.3469



28.4192, 0.3282, 0.3951



28.4192, 0.2439, 0.3038

Rectangle

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



28.4192, 0.2938, 0.2717



28.4192, 0.3567, 0.3062



28.4192, 0.3282, 0.3951



28.4192, 0.2690, 0.3520

Sweetspot

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



28.4204, 0.2938, 0.2717



68.8409, 0.3073, 0.3116



33.5261, 0.2787, 0.3025



14.7543, 0.3068, 0.3101



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



28.4204, 0.2938, 0.2717



46.2900, 0.2892, 0.2591



30.4707, 0.3132, 0.2750



8.4158, 0.3055, 0.3060



3.6241, 0.1965, 0.0856



0.1488, 0.2290, 0.1035

Inverse Universe

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



30.0276, 0.3336, 0.2993



49.6889, 0.3389, 0.2930



38.8420, 0.3116, 0.3890



8.5792, 0.3206, 0.3168



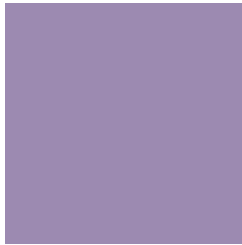
7.3877, 0.4768, 0.2400



0.2441, 0.4223, 0.2100

Previews

White Background



This preview shows how the Yxy color 28.4192, 0.2938, 0.2717 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 28.4192, 0.2938, 0.2717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

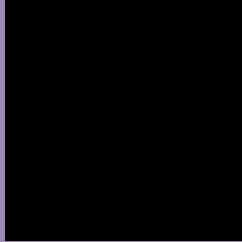
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4192, 0.2938, 0.2717

Background



This preview shows how black text looks on a background with the Yxy color 28.4192, 0.2938, 0.2717.



This preview shows how white text looks on a background with the Yxy color 28.4192, 0.2938, 0.2717.

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

28.4192, 0.2938, 0.2717

Protanopia

28.5170, 0.2719, 0.2724

Deuteranopia

28.4099, 0.2832, 0.2773



Tritanopia

28.3213, 0.3125, 0.3119

Trichromacy



Original Color

28.4192, 0.2938, 0.2717

Protanomaly

28.4809, 0.2788, 0.2716

Deuteranomaly

28.4802, 0.2869, 0.2763

Tritanomaly

28.4307, 0.3048, 0.2969

Monochromacy



Original Color

28.4192, 0.2938, 0.2717

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.0290, 0.3055, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4192, 0.2938, 0.2717 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, 138, 177)` looks like.

```
.text, #text, p{  
    color:rgb(156, 138, 177)  
}
```

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, 138, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 138, 177) }
```

Border

The CSS property to change the border of an element to Yxy 28.4192, 0.2938, 0.2717 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, 138, 177) }
```

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

```
.border{ border-color:rgb(156, 138, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 138, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 138, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 138, 177);  
box-shadow:4px 4px 4px 4px rgb(156, 138,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4192, 0.2938, 0.2717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 138, 177) }
```

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

```
.background{ background-color: rgb(156,  
138, 177) }
```

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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