

Converting Colors

$Y_{xy}(28.7952, 0.3395, 0.3154)$

Have a look what the booklet for
Yxy(28.7952, 0.3395, 0.3154)
contains.

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Color

Yxy(28.9415, 0.3399, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	AB8A93
RGB	171, 138, 147
RGB Percent	67%, 54%, 58%
CMY	0.3294, 0.4588, 0.4235
CMYK	0.00, 0.19, 0.14, 0.33
HSL	344°, 16%, 61%
HSV	344°, 19%, 67%
XYZ	31.1501, 28.9415, 31.5534
YIQ	148.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

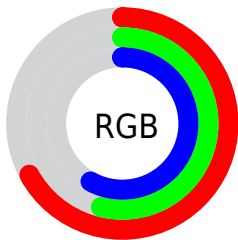
Format	Color
RYB	171, 138, 147
Decimal	11242131
CIELab	60.73, 14.00, -0.06
CIElCh	61, 13.996, 359.765
Yxy	28.9415, 0.3399, 0.3158
Android (android.graphics.Color)	4289432211 (0xFFAB8A93)
YUV	148.8930, -0.9332, 19.3878
Hunter-Lab	53.7973, 9.2112, 2.8831

Details

The Yxy color **28.9415, 0.3399, 0.3158** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.1375, 0.2912, 0.3426**, and the grayscale version is **30.0072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2472, 0.3345, 0.3190**, and **11.6941, 0.3481, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **24.0467, 0.3588, 0.3085**, and if you desaturate by 10%, it is **34.6536, 0.3245, 0.3228**.

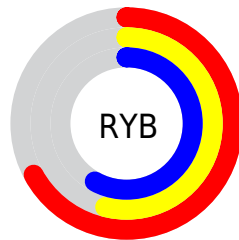
Distribution



Red (67%)

Green (54%)

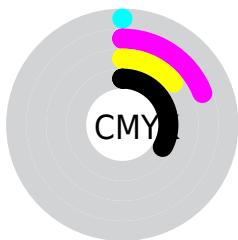
Blue (58%)



Red (67%)

Yellow (54%)

Blue (58%)

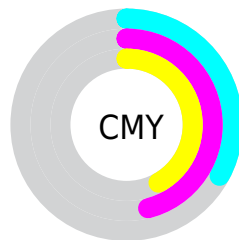


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (33%)



Cyan (33%)


Magenta (46%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.9415, 0.3399, 0.3158 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 28.9415, 0.3399, 0.3158 by changing the saturation by 10% instead.

 28.9415, 0.3399,
0.3158


 28.9415, 0.3399,
0.3158


296.9388, 0.3252,
0.3229


 19.0366, 0.3440,
0.3138


 57.9841, 0.3343,
0.3185

 11.6967, 0.3495,
0.3111


 77.8906, 0.3323,
0.3195

 6.5375, 0.3573,
0.3073


 101.8997, 0.3306,
0.3203

 3.1746, 0.3694,
0.3015

130.3959, 0.3292,
0.3210

 1.2235, 0.3905,
0.2912

163.7635, 0.3280,
0.3216

 0.0808, 0.7077,
0.1367


202.3869, 0.3269,


 0.0000, 0.0000,


0.3221

0.0000

246.6506, 0.3260,
0.3225


 28.9415, 0.3399,
0.3158


 28.9415, 0.3399,
0.3158

 24.0467, 0.3588,
0.3085

 34.6536, 0.3245,
0.3228


 19.9279, 0.3817,
0.3012


 41.2141, 0.3119,
0.3295


 16.5461, 0.4090,
0.2945

 48.6572, 0.3017,
0.3356

 13.8573, 0.4409,
0.2891

 57.0140, 0.2933,
0.3412

 11.8127, 0.4765,
0.2860

 66.3142, 0.2864,
0.3463

■ 10.3573, 0.5140,
0.2863

■ 76.5861, 0.2807,
0.3509

■ 9.4266, 0.5501,
0.2908

■ 86.1200, 0.2757,
0.3523

■ 8.8939, 0.5820,
0.2987

■ 86.8598, 0.2697,
0.3382

■ 8.8606, 0.5842,
0.2992

■ 87.3979, 0.2657,
0.3289

Harmonies

Analogous

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



28.9415, 0.3178, 0.3002



28.9415, 0.3399, 0.3158



28.9415, 0.3548, 0.3350

Triad

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



28.9415, 0.3399, 0.3158



28.9415, 0.3294, 0.3694



28.9415, 0.2695, 0.3024

Complementary

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



28.9415, 0.3399, 0.3158



37.1375, 0.2912, 0.3426

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.



28.9415, 0.2724, 0.3206



28.9415, 0.3399, 0.3158



28.9415, 0.3064, 0.3605

Square

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



28.9415, 0.3399, 0.3158



28.9415, 0.3484, 0.3664



28.9415, 0.2857, 0.3422



28.9415, 0.2776, 0.2922

Rectangle

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



28.9415, 0.3399, 0.3158



28.9415, 0.3583, 0.3477



28.9415, 0.2857, 0.3422



28.9415, 0.2692, 0.3078

Sweetspot

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



28.9428, 0.3399, 0.3158



65.6432, 0.3202, 0.3250



28.7630, 0.3052, 0.2807



14.4792, 0.3210, 0.3246



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.



28.9428, 0.3399, 0.3158



48.0580, 0.3472, 0.3128



30.7904, 0.3478, 0.3397



8.0499, 0.3245, 0.3228



6.6875, 0.5816, 0.2978



0.1953, 0.4961, 0.2507

Inverse Universe

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



28.9428, 0.3399, 0.3158



48.0580, 0.3472, 0.3128



34.8412, 0.2837, 0.3181



8.0499, 0.3245, 0.3228



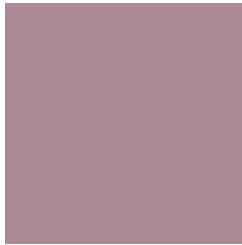
6.6875, 0.5816, 0.2978



0.1953, 0.4961, 0.2507

Previews

White Background



This preview shows how the Yxy color 28.9415, 0.3399, 0.3158 looks on a white background.

Color Contrast Check

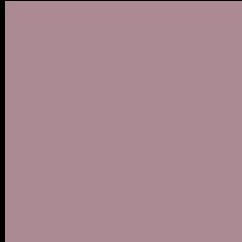
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9415, 0.3399, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

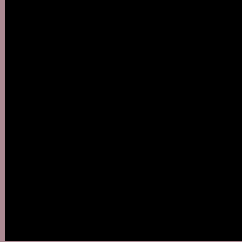
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9415, 0.3399, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 28.9415, 0.3399, 0.3158.



This preview shows how white text looks on a background with the Yxy color 28.9415, 0.3399, 0.3158.

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

28.9415, 0.3399, 0.3158

Protanopia

29.1207, 0.3090, 0.3196

Deuteranopia

28.9984, 0.3292, 0.3230



Tritanopia

28.9730, 0.3388, 0.3144

Trichromacy



Original Color

28.9415, 0.3399, 0.3158

Protanomaly

28.9148, 0.3196, 0.3182

Deuteranomaly

29.1244, 0.3338, 0.3215

Tritanomaly

28.9730, 0.3388, 0.3144

Monochromacy



Original Color

28.9415, 0.3399, 0.3158

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5570, 0.3224, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9415, 0.3399, 0.3158 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(171, 138, 147)` looks like.

```
.text, #text, p{  
    color:rgb(171, 138, 147)  
}
```

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(171, 138, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 138, 147) }
```

Border

The CSS property to change the border of an element to Yxy 28.9415, 0.3399, 0.3158 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(171, 138, 147) }
```

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

```
.border{ border-color:rgb(171, 138, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 138, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 138, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 138, 147); box-shadow:4px 4px 4px 4px rgb(171, 138, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9415, 0.3399, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 138, 147) }
```

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

```
.background{ background-color: rgb(171,  
138, 147) }
```

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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