

Converting Colors

$Y_{xy}(31.2312, 0.3416, 0.3035)$

Have a look what the booklet for
Yxy(31.2312, 0.3416, 0.3035)
contains.

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Color

Yxy(31.4151, 0.3419, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	B88C9E
RGB	184, 140, 158
RGB Percent	72%, 55%, 62%
CMY	0.2786, 0.4509, 0.3804
CMYK	0.00, 0.24, 0.14, 0.28
HSL	335°, 24%, 64%
HSV	335°, 24%, 72%
XYZ	35.3084, 31.4151, 36.5477
YIQ	155.2080, 20.4460, 14.9260

Conversions

Conversions Part 2

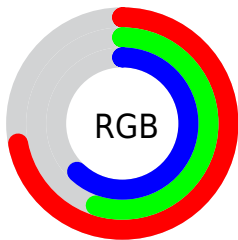
Format	Color
RYB	184, 140, 158
Decimal	12094622
CIELab	62.86, 19.53, -3.03
CIELCh	63, 19.768, 351.169
Yxy	31.4151, 0.3419, 0.3042
Android (android.graphics.Color)	4290284702 (0xFFB88C9E)
YUV	155.2080, 1.3765, 25.2506
Hunter-Lab	56.0492, 14.3608, 0.5735

Details

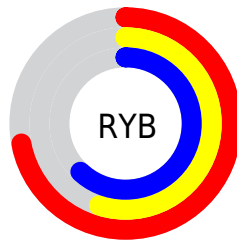
The Yxy color **31.4151, 0.3419, 0.3042** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5929, 0.2906, 0.3553**, and the grayscale version is **32.8618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9129, 0.3353, 0.3088**, and **13.1197, 0.3506, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **26.1234, 0.3586, 0.2932**, and if you desaturate by 10%, it is **37.6415, 0.3280, 0.3150**.

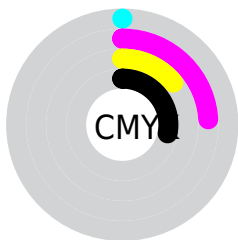
Distribution



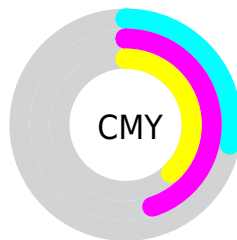
- Red (72%)
- Green (55%)
- Blue (62%)



- Red (72%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (28%)





- Cyan (28%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4151, 0.3419, 0.3042 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 31.4151, 0.3419, 0.3042 by changing the saturation by 10% instead.


 31.4151, 0.3419,
0.3042


 31.4151, 0.3419,
0.3042

308.4461, 0.3264,
0.3172

 20.9151, 0.3461,
0.3007

 61.8930, 0.3361,
0.3091

 13.0620, 0.3516,
0.2961


 82.6398, 0.3339,
0.3109

 7.4712, 0.3594,
0.2898


 107.5709, 0.3322,
0.3124

 3.7585, 0.3710,
0.2804

137.0708, 0.3307,
0.3136

 1.5394, 0.3902,
0.2651

171.5239, 0.3294,
0.3147

 0.3162, 0.4711,
0.1916

211.3146, 0.3283,

 0.0000, 0.0000,

0.3157

0.0000

256.8272, 0.3273,
0.3165

■ 31.4151, 0.3419,
0.3042

■ 31.4151, 0.3419,
0.3042

■ 26.1234, 0.3586,
0.2932

■ 37.6415, 0.3280,
0.3150

■ 21.7166, 0.3785,
0.2826

■ 44.8408, 0.3166,
0.3252

■ 18.1468, 0.4018,
0.2729

■ 53.0540, 0.3072,
0.3348

■ 15.3597, 0.4284,
0.2653

■ 62.3186, 0.2994,
0.3437

■ 13.2948, 0.4574,
0.2610

■ 72.6703, 0.2931,
0.3518

■ 11.8821, 0.4876,
0.2612

■ 84.1430, 0.2878,
0.3593

■ 11.0378, 0.5169,
0.2666

■ 87.6506, 0.2825,
0.3518

■ 10.6963, 0.5340,
0.2716

■ 88.2951, 0.2770,
0.3397

■ 88.9249, 0.2721,
0.3289

Harmonies

Analogous

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



31.4151, 0.3102, 0.2857



31.4151, 0.3419, 0.3042



31.4151, 0.3664, 0.3290

Triad

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



31.4151, 0.3419, 0.3042



31.4151, 0.3437, 0.3853



31.4151, 0.2536, 0.2983

Complementary

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



31.4151, 0.3419, 0.3042



42.5929, 0.2906, 0.3553

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.



31.4151, 0.2616, 0.3254



31.4151, 0.3419, 0.3042



31.4151, 0.3128, 0.3782

Square

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



31.4151, 0.3419, 0.3042



31.4151, 0.3670, 0.3760



31.4151, 0.2829, 0.3554



31.4151, 0.2603, 0.2814

Rectangle

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



31.4151, 0.3419, 0.3042



31.4151, 0.3745, 0.3465



31.4151, 0.2829, 0.3554



31.4151, 0.2547, 0.3064

Sweetspot

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



31.4165, 0.3419, 0.3042



76.9070, 0.3200, 0.3219



30.2913, 0.2971, 0.2672



16.4099, 0.3207, 0.3213



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



31.4165, 0.3419, 0.3042



51.3984, 0.3509, 0.2981



31.9303, 0.3603, 0.3343



9.0715, 0.3225, 0.3197



7.3891, 0.5309, 0.2698



0.2729, 0.4639, 0.2329

Inverse Universe

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



31.4165, 0.3419, 0.3042



51.3984, 0.3509, 0.2981



41.7982, 0.2776, 0.3236



9.0715, 0.3225, 0.3197



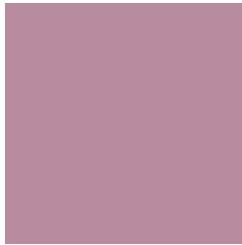
7.3891, 0.5309, 0.2698



0.2729, 0.4639, 0.2329

Previews

White Background



This preview shows how the Yxy color 31.4151, 0.3419, 0.3042 looks on a white background.

Color Contrast Check

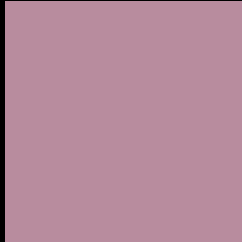
Large Text (above 18pt) WCAG AA × Fail

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 31.4151, 0.3419, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

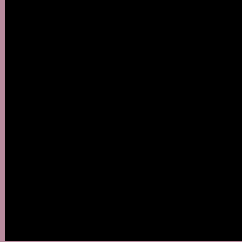
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4151, 0.3419, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 31.4151, 0.3419, 0.3042.



This preview shows how white text looks on a background with the Yxy color 31.4151, 0.3419, 0.3042.

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

31.4151, 0.3419, 0.3042

Protanopia

31.4291, 0.2999, 0.3078

Deuteranopia

31.6135, 0.3216, 0.3158



Tritanopia

31.3840, 0.3471, 0.3137

Trichromacy



Original Color

31.4151, 0.3419, 0.3042

Protanomaly

31.2626, 0.3148, 0.3070

Deuteranomaly

31.4558, 0.3293, 0.3118

Tritanomaly

31.4501, 0.3449, 0.3110

Monochromacy



Original Color

31.4151, 0.3419, 0.3042

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.3200, 0.3233, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4151, 0.3419, 0.3042 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(184, 140, 158)` looks like.

```
.text, #text, p{  
    color:rgb(184, 140, 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(184, 140, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 140, 158) }
```

Border

The CSS property to change the border of an element to Yxy 31.4151, 0.3419, 0.3042 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(184, 140, 158) }
```

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

```
.border{ border-color:rgb(184, 140, 158) }
```

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

Here you see how a box with a 4 pixel rgb(184, 140, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 140, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 140, 158);  
box-shadow:4px 4px 4px 4px rgb(184, 140,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4151, 0.3419, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 140, 158) }
```

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

```
.background{ background-color: rgb(184,  
140, 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](#).

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