

Converting Colors

$Y_{xy}(31.1812, 0.3322, 0.3104)$

Have a look what the booklet for
Yxy(31.1812, 0.3322, 0.3104)
contains.

Yxy(31.0439, 0.3327, 0.3104)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.0439, 0.3327, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	AE8F9C
RGB	174, 143, 156
RGB Percent	68%, 56%, 61%
CMY	0.3178, 0.4392, 0.3882
CMYK	0.00, 0.18, 0.10, 0.32
HSL	335°, 16%, 62%
HSV	335°, 18%, 68%
XYZ	33.2742, 31.0439, 35.6945
YIQ	153.7510, 14.3030, 10.6150

Conversions

Conversions Part 2

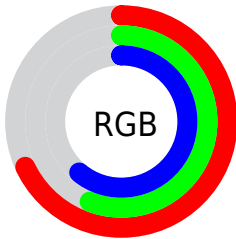
Format	Color
RYB	174, 143, 156
Decimal	11440028
CIELab	62.54, 13.84, -2.48
CIELCh	63, 14.058, 349.830
Yxy	31.0439, 0.3327, 0.3104
Android (android.graphics.Color)	4289630108 (0xFFAE8F9C)
YUV	153.7510, 1.1088, 17.7584
Hunter-Lab	55.7171, 9.0952, 1.0185

Details

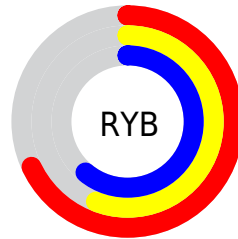
The Yxy color **31.0439, 0.3327, 0.3104** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.6737, 0.2963, 0.3484**, and the grayscale version is **32.1902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4086, 0.3293, 0.3148**, and **12.9136, 0.3387, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **25.8921, 0.3473, 0.2993**, and if you desaturate by 10%, it is **37.0369, 0.3206, 0.3211**.

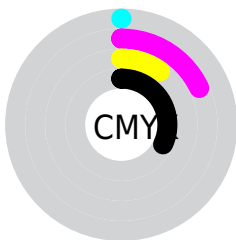
Distribution



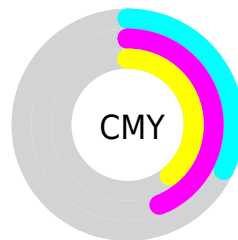
- Red (68%)
- Green (56%)
- Blue (61%)



- Red (68%)
- Yellow (56%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (10%)
- Black (32%)





- Cyan (32%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0439, 0.3327, 0.3104 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 31.0439, 0.3327, 0.3104 by changing the saturation by 10% instead.


 31.0439, 0.3327,
0.3104


 31.0439, 0.3327,
0.3104


306.7405, 0.3221,
0.3202

 20.6323, 0.3356,
0.3078


 61.3092, 0.3287,
0.3141

 12.8555, 0.3394,
0.3043


 81.9316, 0.3272,
0.3155

 7.3291, 0.3448,
0.2994


106.7265, 0.3260,
0.3166

 3.6688, 0.3529,
0.2921

136.0781, 0.3250,
0.3175

 1.4901, 0.3665,
0.2801

170.3710, 0.3241,
0.3183

 0.2817, 0.4428,
0.2060

209.9894, 0.3233,

 0.0000, 0.0000,

0.3191

0.0000

255.3178, 0.3227,
0.3197

■ 31.0439, 0.3327,
0.3104

■ 31.0439, 0.3327,
0.3104

■ 25.8921, 0.3473,
0.2993

■ 37.0369, 0.3206,
0.3211

■ 21.5395, 0.3648,
0.2881

■ 43.9025, 0.3107,
0.3312

■ 17.9467, 0.3854,
0.2775

■ 51.6754, 0.3025,
0.3405

■ 15.0690, 0.4093,
0.2683

■ 60.3873, 0.2958,
0.3492

■ 12.8575, 0.4362,
0.2615

■ 70.0684, 0.2902,
0.3571

■ 11.2566, 0.4650,
0.2585

■ 80.7474, 0.2856,
0.3643

■ 10.2017, 0.4944,
0.2603

■ 86.0429, 0.2809,
0.3606

■ 9.5901, 0.5225,
0.2670

■ 86.6157, 0.2759,
0.3491

■ 9.4766, 0.5286,
0.2686

■ 87.2217, 0.2710,
0.3378

Harmonies

Analogous

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



31.0439, 0.3101, 0.2971



31.0439, 0.3327, 0.3104



31.0439, 0.3503, 0.3285

Triad

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



31.0439, 0.3327, 0.3104



31.0439, 0.3360, 0.3689



31.0439, 0.2700, 0.3082

Complementary

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



31.0439, 0.3327, 0.3104



38.6737, 0.2963, 0.3484

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.



31.0439, 0.2764, 0.3277



31.0439, 0.3327, 0.3104



31.0439, 0.3141, 0.3640

Square

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



31.0439, 0.3327, 0.3104



31.0439, 0.3521, 0.3624



31.0439, 0.2923, 0.3486



31.0439, 0.2744, 0.2952

Rectangle

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



31.0439, 0.3327, 0.3104



31.0439, 0.3564, 0.3413



31.0439, 0.2923, 0.3486



31.0439, 0.2709, 0.3141

Sweetspot

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



31.0453, 0.3327, 0.3104



70.4178, 0.3177, 0.3239



30.2353, 0.3012, 0.2840



15.4669, 0.3185, 0.3232



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.



31.0453, 0.3327, 0.3104



52.8169, 0.3376, 0.3065



31.2537, 0.3458, 0.3321



8.0690, 0.3223, 0.3195



6.8874, 0.5259, 0.2671



0.2027, 0.4489, 0.2247

Inverse Universe

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



31.0453, 0.3327, 0.3104



52.8169, 0.3376, 0.3065



38.3651, 0.2863, 0.3259



8.0690, 0.3223, 0.3195



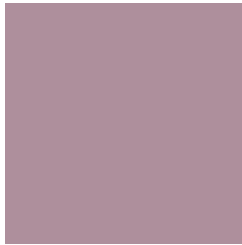
6.8874, 0.5259, 0.2671



0.2027, 0.4489, 0.2247

Previews

White Background



This preview shows how the Yxy color 31.0439, 0.3327, 0.3104 looks on a white background.

Color Contrast Check

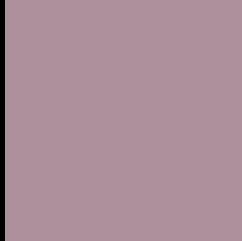
Large Text (above 18pt) WCAG AA × Fail

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 31.0439, 0.3327, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

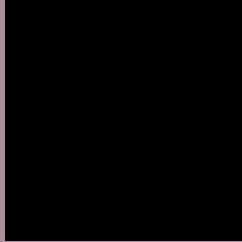
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0439, 0.3327, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 31.0439, 0.3327, 0.3104.



This preview shows how white text looks on a background with the Yxy color 31.0439, 0.3327, 0.3104.

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

31.0439, 0.3327, 0.3104

Protanopia

31.2506, 0.3044, 0.3153

Deuteranopia

31.1265, 0.3226, 0.3172



Tritanopia

30.9767, 0.3348, 0.3132

Trichromacy



Original Color

31.0439, 0.3327, 0.3104

Protanomaly

31.0539, 0.3135, 0.3126

Deuteranomaly

31.2492, 0.3269, 0.3159

Tritanomaly

31.0101, 0.3338, 0.3118

Monochromacy



Original Color

31.0439, 0.3327, 0.3104

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.7563, 0.3192, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0439, 0.3327, 0.3104 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(174, 143, 156)` looks like.

```
.text, #text, p{  
    color:rgb(174, 143, 156)  
}
```

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(174, 143, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 143, 156) }
```

Border

The CSS property to change the border of an element to Yxy 31.0439, 0.3327, 0.3104 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(174, 143, 156) }
```

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

```
.border{ border-color:rgb(174, 143, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 143, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 143, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 143, 156);  
box-shadow:4px 4px 4px 4px rgb(174, 143,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0439, 0.3327, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 143, 156) }
```

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

```
.background{ background-color: rgb(174,  
143, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor