

Converting Colors

$Y_{xy}(31.0409, 0.3425, 0.2983)$

Have a look what the booklet for
Yxy(31.0409, 0.3425, 0.2983)
contains.

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Color

Yxy(31.1541, 0.3424, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	BA8AA0
RGB	186, 138, 160
RGB Percent	73%, 54%, 63%
CMY	0.2705, 0.4589, 0.3726
CMYK	0.00, 0.26, 0.14, 0.27
HSL	333°, 26%, 64%
HSV	333°, 26%, 73%
XYZ	35.6881, 31.1541, 37.3870
YIQ	154.8600, 21.5460, 17.0180

Conversions

Conversions Part 2

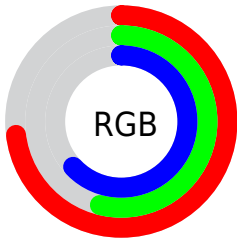
Format	Color
R_{YB}	186, 138, 160
Decimal	12225184
CIE _{Lab}	62.64, 21.76, -4.47
CIE _{LCh}	63, 22.215, 348.397
Yxy	31.1541, 0.3424, 0.2989
Android (android.graphics.Color)	4290415264 (0xFFBA8AA0)
YUV	154.8600, 2.5340, 27.3098
Hunter-Lab	55.8159, 16.4533, -0.6430

Details

The Yxy color **31.1541, 0.3424, 0.2989** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2143, 0.2905, 0.3613**, and the grayscale version is **32.6959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6603, 0.3364, 0.3047**, and **12.9891, 0.3511, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **25.9286, 0.3582, 0.2867**, and if you desaturate by 10%, it is **37.3253, 0.3292, 0.3110**.

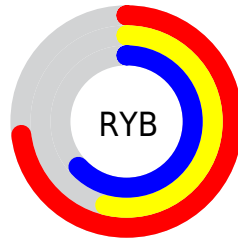
Distribution



Red (73%)

Green (54%)

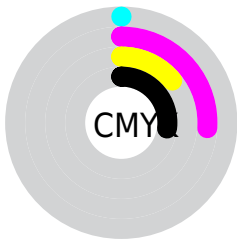
Blue (63%)



Red (73%)

Yellow (54%)

Blue (63%)

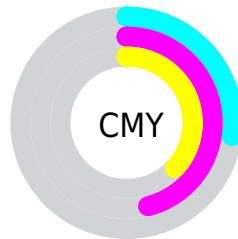


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (27%)



Cyan (27%)


Magenta (46%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1541, 0.3424, 0.2989 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 31.1541, 0.3424, 0.2989 by changing the saturation by 10% instead.


 31.1541, 0.3424,
0.2989


 31.1541, 0.3424,
0.2989


307.2476, 0.3267,
0.3146

 20.7162, 0.3466,
0.2947


 61.4826, 0.3365,
0.3048

 12.9167, 0.3522,
0.2892


 82.1420, 0.3343,
0.3070

 7.3712, 0.3600,
0.2816


 106.9774, 0.3325,
0.3088

 3.6953, 0.3716,
0.2705

136.3731, 0.3310,
0.3103

 1.5046, 0.3908,
0.2526

170.7136, 0.3297,
0.3116

 0.2920, 0.4672,
0.1687

210.3833, 0.3286,

 0.0000, 0.0000,

0.3128

0.0000

255.7665, 0.3276,
0.3138

■ 31.1541, 0.3424,
0.2989

■ 31.1541, 0.3424,
0.2989

■ 25.9286, 0.3582,
0.2867

■ 37.3253, 0.3292,
0.3110

■ 21.5972, 0.3769,
0.2749

■ 44.4819, 0.3182,
0.3226

■ 18.1101, 0.3986,
0.2644


■ 52.6664, 0.3091,
0.3335

■ 15.4104, 0.4229,
0.2562


■ 61.9176, 0.3017,
0.3436

■ 13.4346, 0.4493,
0.2517


■ 72.2722, 0.2955,
0.3529

 12.1087, 0.4765,
0.2519


 83.7654, 0.2904,
0.3615

 11.3398, 0.5029,
0.2573

 87.7082, 0.2854,
0.3557

 11.1019, 0.5138,
0.2604

 88.2931, 0.2803,
0.3444

 88.9113, 0.2752,
0.3334

Harmonies

Analogous

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



31.1541, 0.3064, 0.2792



31.1541, 0.3424, 0.2989



31.1541, 0.3713, 0.3260

Triad

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



31.1541, 0.3424, 0.2989



31.1541, 0.3503, 0.3924



31.1541, 0.2467, 0.2966

Complementary

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



31.1541, 0.3424, 0.2989



43.2143, 0.2905, 0.3613

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.



31.1541, 0.2570, 0.3278



31.1541, 0.3424, 0.2989



31.1541, 0.3158, 0.3864

Square

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



31.1541, 0.3424, 0.2989



31.1541, 0.3755, 0.3798



31.1541, 0.2818, 0.3618



31.1541, 0.2527, 0.2766

Rectangle

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



31.1541, 0.3424, 0.2989



31.1541, 0.3817, 0.3456



31.1541, 0.2818, 0.3618



31.1541, 0.2483, 0.3060

Sweetspot

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



31.1555, 0.3424, 0.2989



77.4392, 0.3206, 0.3199



29.5726, 0.2932, 0.2613



16.6088, 0.3222, 0.3182



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



31.1555, 0.3424, 0.2989



50.8578, 0.3511, 0.2919



30.9153, 0.3662, 0.3314



9.0788, 0.3218, 0.3186



7.4812, 0.5107, 0.2587



0.2762, 0.4494, 0.2250

Inverse Universe

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



31.1555, 0.3424, 0.2989



50.8578, 0.3511, 0.2919



43.4083, 0.2752, 0.3266



9.0788, 0.3218, 0.3186



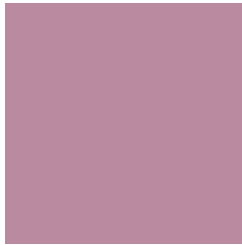
7.4812, 0.5107, 0.2587



0.2762, 0.4494, 0.2250

Previews

White Background



This preview shows how the Yxy color 31.1541, 0.3424, 0.2989 looks on a white background.

Color Contrast Check

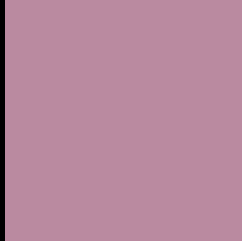
Large Text (above 18pt) WCAG AA × Fail

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 31.1541, 0.3424, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

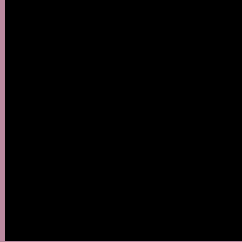
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1541, 0.3424, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 31.1541, 0.3424, 0.2989.



This preview shows how white text looks on a background with the Yxy color 31.1541, 0.3424, 0.2989.

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

31.1541, 0.3424, 0.2989

Protanopia

31.4444, 0.2963, 0.3034

Deuteranopia

31.2286, 0.3197, 0.3128



Tritanopia

31.2725, 0.3517, 0.3152

Trichromacy



Original Color

31.1541, 0.3424, 0.2989

Protanomaly

31.0609, 0.3120, 0.3012

Deuteranomaly

31.2204, 0.3274, 0.3075

Tritanomaly

31.1126, 0.3476, 0.3083

Monochromacy



Original Color

31.1541, 0.3424, 0.2989

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.0362, 0.3225, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1541, 0.3424, 0.2989 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(186, 138, 160)` looks like.

```
.text, #text, p{  
    color:rgb(186, 138, 160)  
}
```

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(186, 138, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 138, 160) }
```

Border

The CSS property to change the border of an element to Yxy 31.1541, 0.3424, 0.2989 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(186, 138, 160) }
```

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

```
.border{ border-color:rgb(186, 138, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 138, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 138, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 138, 160);  
box-shadow:4px 4px 4px 4px rgb(186, 138,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1541, 0.3424, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 138, 160) }
```

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

```
.background{ background-color: rgb(186,  
138, 160) }
```

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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