

Converting Colors

$Yxy(31.9286, 0.3327, 0.3107)$

Have a look what the booklet for
Yxy(31.9286, 0.3327, 0.3107)
contains.

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Color

Yxy(31.9495, 0.3325, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	B0919E
RGB	176, 145, 158
RGB Percent	69%, 57%, 62%
CMY	0.3098, 0.4314, 0.3804
CMYK	0.00, 0.18, 0.10, 0.31
HSL	335°, 16%, 63%
HSV	335°, 18%, 69%
XYZ	34.2022, 31.9495, 36.7121
YIQ	155.7510, 14.3030, 10.6150

Conversions

Conversions Part 2

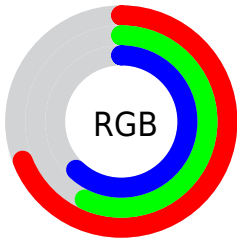
Format	Color
RYB	176, 145, 158
Decimal	11571614
CIELab	63.30, 13.82, -2.48
CIELCh	63, 14.043, 349.844
Yxy	31.9495, 0.3325, 0.3106
Android (android.graphics.Color)	4289761694 (0xFFB0919E)
YUV	155.7510, 1.1088, 17.7584
Hunter-Lab	56.5239, 9.0923, 1.0580

Details

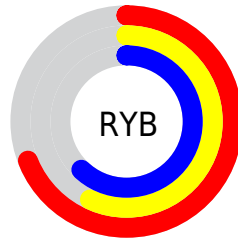
The Yxy color **31.9495, 0.3325, 0.3106** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7173, 0.2964, 0.3482**, and the grayscale version is **33.1201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8067, 0.3283, 0.3138**, and **13.2779, 0.3385, 0.3032** is the 20% darker color. If you saturate the color by 10%, you get **26.6447, 0.3471, 0.2995**, and if you desaturate by 10%, it is **38.1198, 0.3204, 0.3213**.

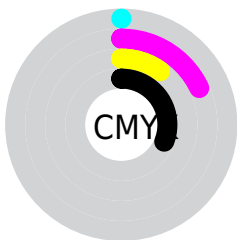
Distribution



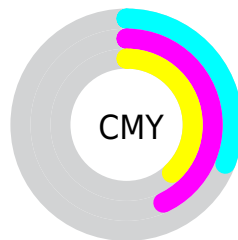
- Red (69%)
- Green (57%)
- Blue (62%)



- Red (69%)
- Yellow (57%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (10%)
- Black (31%)





- Cyan (31%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9495, 0.3325, 0.3106 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 31.9495, 0.3325, 0.3106 by changing the saturation by 10% instead.


 31.9495, 0.3325,
0.3106


 31.9495, 0.3325,
0.3106


310.8891, 0.3220,
0.3203

 21.3229, 0.3353,
0.3080


 62.7319, 0.3286,
0.3142

 13.3603, 0.3391,
0.3046


 83.6565, 0.3271,
0.3156

 7.6771, 0.3443,
0.2998


108.7827, 0.3259,
0.3167

 3.8890, 0.3521,
0.2928

138.4946, 0.3249,
0.3176

 1.6117, 0.3651,
0.2813

173.1769, 0.3240,
0.3184

 0.3655, 0.4224,
0.2254

213.2138, 0.3233,

 0.0000, 0.0000,

0.3191

0.0000

258.9897, 0.3226,
0.3197

■ 31.9495, 0.3325,
0.3106

■ 31.9495, 0.3325,
0.3106

■ 26.6447, 0.3471,
0.2995

■ 38.1198, 0.3204,
0.3213

■ 22.1620, 0.3645,
0.2884

■ 45.1876, 0.3105,
0.3313

■ 18.4610, 0.3852,
0.2777

■ 53.1889, 0.3023,
0.3407

■ 15.4959, 0.4091,
0.2685

■ 62.1561, 0.2956,
0.3493

■ 13.2163, 0.4359,
0.2617

■ 72.1201, 0.2901,
0.3572

■ 11.5651, 0.4648,
0.2586

■ 83.1106, 0.2855,
0.3644

■ 10.4761, 0.4942,
0.2604

■ 86.4385, 0.2806,
0.3572

■ 9.8469, 0.5224,
0.2670

■ 87.0283, 0.2755,
0.3456

■ 9.7224, 0.5291,
0.2688

■ 87.6522, 0.2705,
0.3343

Harmonies

Analogous

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



31.9495, 0.3101, 0.2974



31.9495, 0.3325, 0.3106



31.9495, 0.3499, 0.3285

Triad

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



31.9495, 0.3325, 0.3106



31.9495, 0.3358, 0.3685



31.9495, 0.2704, 0.3084

Complementary

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



31.9495, 0.3325, 0.3106



39.7173, 0.2964, 0.3482

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.



31.9495, 0.2768, 0.3277



31.9495, 0.3325, 0.3106



31.9495, 0.3141, 0.3636

Square

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



31.9495, 0.3325, 0.3106



31.9495, 0.3516, 0.3620



31.9495, 0.2925, 0.3484



31.9495, 0.2748, 0.2955

Rectangle

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



31.9495, 0.3325, 0.3106



31.9495, 0.3559, 0.3412



31.9495, 0.2925, 0.3484



31.9495, 0.2714, 0.3143

Sweetspot

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



31.9509, 0.3325, 0.3106



72.2150, 0.3178, 0.3239



31.1276, 0.3013, 0.2844



15.4668, 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.



31.9509, 0.3325, 0.3106



54.1535, 0.3376, 0.3065



32.1641, 0.3455, 0.3321



8.5624, 0.3224, 0.3195



7.1442, 0.5264, 0.2674



0.2365, 0.4553, 0.2282

Inverse Universe

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



31.9509, 0.3325, 0.3106



54.1535, 0.3376, 0.3065



39.4031, 0.2865, 0.3259



8.5624, 0.3224, 0.3195



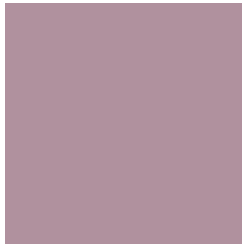
7.1442, 0.5264, 0.2674



0.2365, 0.4553, 0.2282

Previews

White Background



This preview shows how the Yxy color 31.9495, 0.3325, 0.3106 looks on a white background.

Color Contrast Check

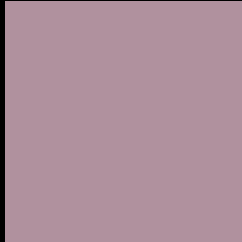
Large Text (above 18pt) WCAG AA × Fail

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 31.9495, 0.3325, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

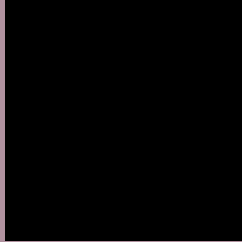
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9495, 0.3325, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 31.9495, 0.3325, 0.3106.



This preview shows how white text looks on a background with the Yxy color 31.9495, 0.3325, 0.3106.

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

31.9495, 0.3325, 0.3106

Protanopia

31.9351, 0.3055, 0.3140

Deuteranopia

32.0362, 0.3225, 0.3173



Tritanopia

31.9152, 0.3335, 0.3120

Trichromacy



Original Color

31.9495, 0.3325, 0.3106

Protanomaly

31.7495, 0.3146, 0.3113

Deuteranomaly

32.1602, 0.3268, 0.3160

Tritanomaly

31.9152, 0.3335, 0.3120

Monochromacy



Original Color

31.9495, 0.3325, 0.3106

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.6773, 0.3191, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9495, 0.3325, 0.3106 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(176, 145, 158)` looks like.

```
.text, #text, p{  
    color:rgb(176, 145, 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(176, 145, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 145, 158) }
```

Border

The CSS property to change the border of an element to Yxy 31.9495, 0.3325, 0.3106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

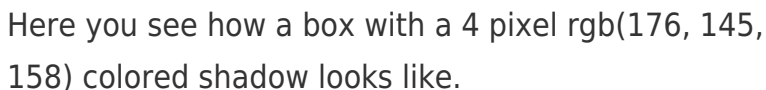
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 145, 158) }
```

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

```
.border{ border-color:rgb(176, 145, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 145, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 145, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 145, 158);  
box-shadow:4px 4px 4px 4px rgb(176, 145,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9495, 0.3325, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 145, 158) }
```

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

```
.background{ background-color: rgb(176,  
145, 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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