

Converting Colors

Yxy(31.9651, 0.3319, 0.3184)

Have a look what the booklet for
Yxy(31.9651, 0.3319, 0.3184)
contains.

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Color

Yxy(31.9712, 0.3320, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	AC939A
RGB	172, 147, 154
RGB Percent	67%, 58%, 60%
CMY	0.3254, 0.4236, 0.3960
CMYK	0.00, 0.15, 0.10, 0.33
HSL	343°, 13%, 63%
HSV	343°, 15%, 67%
XYZ	33.2845, 31.9712, 34.9989
YIQ	155.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

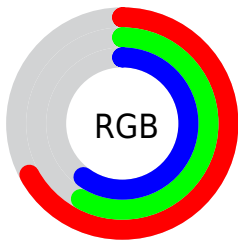
Format	Color
R_{YB}	172, 147, 154
Decimal	11309978
CIE _{Lab}	63.32, 10.54, -0.25
CIE _{LCh}	63, 10.539, 358.666
Yxy	31.9712, 0.3320, 0.3189
Android (android.graphics.Color)	4289500058 (0xFFAC939A)
YUV	155.2730, -0.6276, 14.6696
Hunter-Lab	56.5431, 6.1251, 2.8810

Details

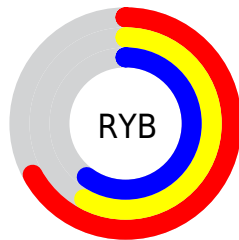
The Yxy color **31.9712, 0.3320, 0.3189** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4317, 0.2965, 0.3393**, and the grayscale version is **32.9062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8213, 0.3287, 0.3213**, and **13.3381, 0.3394, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **26.6257, 0.3490, 0.3115**, and if you desaturate by 10%, it is **38.1620, 0.3181, 0.3260**.

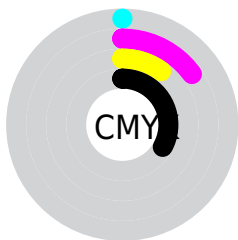
Distribution



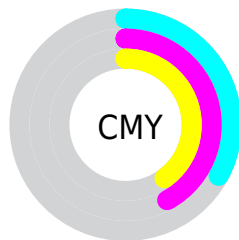
- Red (67%)
- Green (58%)
- Blue (60%)



- Red (67%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (33%)




- Cyan (33%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9712, 0.3320, 0.3189 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 31.9712, 0.3320, 0.3189 by changing the saturation by 10% instead.


 31.9712, 0.3320,
0.3189

 31.9712, 0.3320,
0.3189


310.9880, 0.3218,
0.3243

 21.3395, 0.3348,
0.3174


 62.7659, 0.3281,
0.3209

 13.3724, 0.3385,
0.3155


 83.6978, 0.3267,
0.3217

 7.6855, 0.3437,
0.3128


108.8318, 0.3255,
0.3223

 3.8944, 0.3516,
0.3087

138.5523, 0.3245,
0.3228

 1.6146, 0.3648,
0.3018

173.2438, 0.3237,
0.3233

 0.3674, 0.4359,
0.2641

213.2907, 0.3230,

 0.0000, 0.0000,

0.3236

0.0000

259.0773, 0.3223,
0.3240

■ 31.9712, 0.3320,
0.3189

■ 31.9712, 0.3320,
0.3189

■ 26.6257, 0.3490,
0.3115

■ 38.1620, 0.3181,
0.3260

■ 22.0846, 0.3697,
0.3039

■ 45.2282, 0.3068,
0.3325

■ 18.3099, 0.3946,
0.2967

■ 53.2038, 0.2976,
0.3386

■ 15.2589, 0.4240,
0.2903

■ 62.1196, 0.2901,
0.3441

■ 12.8846, 0.4576,
0.2858

■ 72.0049, 0.2838,
0.3491

■ 11.1345, 0.4941,
0.2843

■ 82.8878, 0.2787,
0.3537

■ 9.9482, 0.5310,
0.2867

■ 86.6208, 0.2730,
0.3448

■ 9.2530, 0.5648,
0.2934

■ 87.3838, 0.2671,
0.3311

■ 8.9891, 0.5816,
0.2978

■ 87.5130, 0.2662,
0.3289

Harmonies

Analogous

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



31.9712, 0.3159, 0.3074



31.9712, 0.3320, 0.3189



31.9712, 0.3430, 0.3331

Triad

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



31.9712, 0.3320, 0.3189



31.9712, 0.3256, 0.3582



31.9712, 0.2809, 0.3102

Complementary

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



31.9712, 0.3320, 0.3189



38.4317, 0.2965, 0.3393

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.



31.9712, 0.2833, 0.3237



31.9712, 0.3320, 0.3189



31.9712, 0.3089, 0.3521

Square

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



31.9712, 0.3320, 0.3189



31.9712, 0.3391, 0.3561



31.9712, 0.2935, 0.3392



31.9712, 0.2866, 0.3022

Rectangle

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



31.9712, 0.3320, 0.3189



31.9712, 0.3458, 0.3424



31.9712, 0.2935, 0.3392



31.9712, 0.2808, 0.3142

Sweetspot

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



31.9726, 0.3320, 0.3189



69.7875, 0.3175, 0.3263



31.8369, 0.3073, 0.2930



14.9742, 0.3185, 0.3258



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.



31.9726, 0.3320, 0.3189



55.1651, 0.3363, 0.3169



33.4714, 0.3380, 0.3369



8.0510, 0.3244, 0.3227



6.6959, 0.5790, 0.2963



0.1957, 0.4932, 0.2491

Inverse Universe

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



31.9726, 0.3320, 0.3189



55.1651, 0.3363, 0.3169



36.6724, 0.2908, 0.3209



8.0510, 0.3244, 0.3227



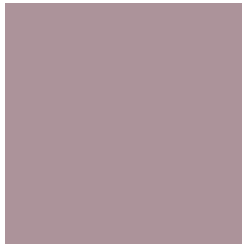
6.6959, 0.5790, 0.2963



0.1957, 0.4932, 0.2491

Previews

White Background



This preview shows how the Yxy color 31.9712, 0.3320, 0.3189 looks on a white background.

Color Contrast Check

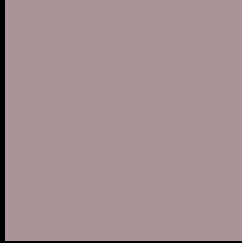
Large Text (above 18pt) WCAG AA × Fail

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 31.9712, 0.3320, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

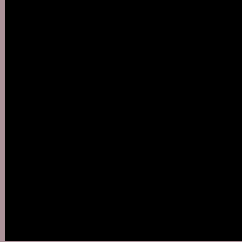
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9712, 0.3320, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 31.9712, 0.3320, 0.3189.



This preview shows how white text looks on a background with the Yxy color 31.9712, 0.3320, 0.3189.

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

31.9712, 0.3320, 0.3189

Protanopia

32.1853, 0.3110, 0.3230

Deuteranopia

32.1528, 0.3275, 0.3217



Tritanopia

31.9106, 0.3292, 0.3119

Trichromacy



Original Color

31.9712, 0.3320, 0.3189

Protanomaly

32.1106, 0.3181, 0.3216

Deuteranomaly

31.9479, 0.3287, 0.3203

Tritanomaly

31.8763, 0.3302, 0.3133

Monochromacy



Original Color

31.9712, 0.3320, 0.3189

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.4001, 0.3190, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9712, 0.3320, 0.3189 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(172, 147, 154)` looks like.

```
.text, #text, p{  
    color:rgb(172, 147, 154)  
}
```

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(172, 147, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 147, 154) }
```

Border

The CSS property to change the border of an element to Yxy 31.9712, 0.3320, 0.3189 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(172, 147, 154) }
```

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

```
.border{ border-color:rgb(172, 147, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 147, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 147, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 147, 154);  
box-shadow:4px 4px 4px 4px rgb(172, 147,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9712, 0.3320, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 147, 154) }
```

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

```
.background{ background-color: rgb(172,  
147, 154) }
```

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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