

Converting Colors

Yxy(31.6654, 0.3266, 0.3113)

Have a look what the booklet for
Yxy(31.6654, 0.3266, 0.3113)
contains.

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Color

Yxy(31.6843, 0.3271, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	AB929E
RGB	171, 146, 158
RGB Percent	67%, 57%, 62%
CMY	0.3293, 0.4275, 0.3803
CMYK	0.00, 0.15, 0.08, 0.33
HSL	331°, 13%, 62%
HSV	331°, 15%, 67%
XYZ	33.2497, 31.6843, 36.7160
YIQ	154.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

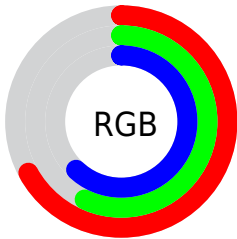
Format	Color
R_{YB}	171, 146, 158
Decimal	11244190
CIE _{Lab}	63.08, 11.44, -2.86
CIE _{LCh}	63, 11.791, 345.960
Yxy	31.6843, 0.3271, 0.3117
Android (android.graphics.Color)	4289434270 (0xFFAB929E)
YUV	154.8430, 1.5564, 14.1697
Hunter-Lab	56.2888, 6.9343, 0.7286

Details

The Yxy color **31.6843, 0.3271, 0.3117** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7492, 0.3004, 0.3470**, and the grayscale version is **32.6966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2814, 0.3235, 0.3147**, and **13.1679, 0.3321, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **26.5065, 0.3394, 0.2992**, and if you desaturate by 10%, it is **37.6759, 0.3169, 0.3237**.

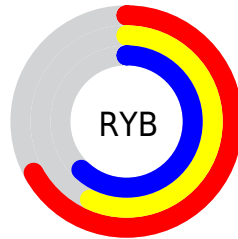
Distribution



Red (67%)

Green (57%)

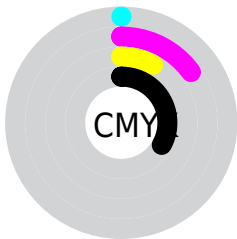
Blue (62%)



Red (67%)

Yellow (57%)

Blue (62%)

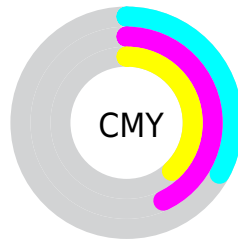


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (33%)



Cyan (33%)


Magenta (43%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6843, 0.3271, 0.3117 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 31.6843, 0.3271, 0.3117 by changing the saturation by 10% instead.


 31.6843, 0.3271,
0.3117


 31.6843, 0.3271,
0.3117


309.6786, 0.3195,
0.3208

 21.1205, 0.3291,
0.3093


 62.3158, 0.3242,
0.3151

 13.2121, 0.3319,
0.3060


 83.1524, 0.3232,
0.3164

 7.5748, 0.3357,
0.3016


108.1819, 0.3223,
0.3174

 3.8241, 0.3414,
0.2949

137.7888, 0.3216,
0.3183

 1.5756, 0.3508,
0.2840

172.3576, 0.3210,
0.3191

 0.3411, 0.3981,
0.2250

212.2725, 0.3204,

 0.0000, 0.0000,

0.3197

0.0000

257.9181, 0.3199,
0.3203

■ 31.6843, 0.3271,
0.3117

■ 31.6843, 0.3271,
0.3117

■ 26.5065, 0.3394,
0.2992

■ 37.6759, 0.3169,
0.3237

■ 22.1028, 0.3541,
0.2865

■ 44.5101, 0.3084,
0.3349

■ 18.4367, 0.3715,
0.2741

■ 52.2198, 0.3013,
0.3454

■ 15.4668, 0.3916,
0.2629

■ 60.8347, 0.2956,
0.3551

■ 13.1480, 0.4142,
0.2538

■ 70.3830, 0.2908,
0.3639

■ 11.4292, 0.4388,
0.2482

■ 80.8919, 0.2868,
0.3720

■ 10.2522, 0.4645,
0.2470

■ 85.3613, 0.2826,
0.3683

■ 9.5461, 0.4897,
0.2511

■ 85.8458, 0.2782,
0.3579

■ 9.2717, 0.5031,
0.2545

■ 86.3557, 0.2738,
0.3477

Harmonies

Analogous

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



31.6843, 0.3081, 0.3012



31.6843, 0.3271, 0.3117



31.6843, 0.3425, 0.3266

Triad

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



31.6843, 0.3271, 0.3117



31.6843, 0.3343, 0.3620



31.6843, 0.2771, 0.3136

Complementary

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



31.6843, 0.3271, 0.3117



37.7492, 0.3004, 0.3470

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.



31.6843, 0.2837, 0.3303



31.6843, 0.3271, 0.3117



31.6843, 0.3164, 0.3590

Square

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



31.6843, 0.3271, 0.3117



31.6843, 0.3466, 0.3557



31.6843, 0.2979, 0.3473



31.6843, 0.2797, 0.3018

Rectangle

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



31.6843, 0.3271, 0.3117



31.6843, 0.3484, 0.3374



31.6843, 0.2979, 0.3473



31.6843, 0.2783, 0.3189

Sweetspot

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



31.6857, 0.3271, 0.3117



68.1044, 0.3163, 0.3243



30.8606, 0.3022, 0.2923



14.9982, 0.3170, 0.3235



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.



31.6857, 0.3271, 0.3117



53.1491, 0.3314, 0.3071



31.4206, 0.3392, 0.3297



8.0770, 0.3214, 0.3182



6.9978, 0.5009, 0.2533



0.2058, 0.4328, 0.2158

Inverse Universe

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



31.6857, 0.3271, 0.3117



53.1491, 0.3314, 0.3071



38.0296, 0.2909, 0.3283



8.0770, 0.3214, 0.3182



6.9978, 0.5009, 0.2533



0.2058, 0.4328, 0.2158

Previews

White Background



This preview shows how the Yxy color 31.6843, 0.3271, 0.3117 looks on a white background.

Color Contrast Check

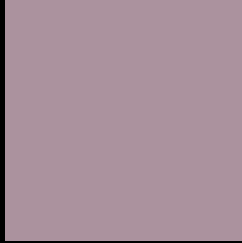
Large Text (above 18pt) WCAG AA × Fail

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 31.6843, 0.3271, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

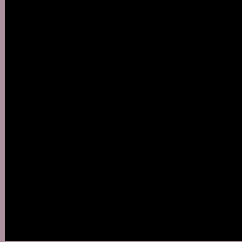
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6843, 0.3271, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 31.6843, 0.3271, 0.3117.



This preview shows how white text looks on a background with the Yxy color 31.6843, 0.3271, 0.3117.

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

31.6843, 0.3271, 0.3117

Protanopia

31.8374, 0.3045, 0.3139

Deuteranopia

31.6478, 0.3206, 0.3143



Tritanopia

31.6500, 0.3281, 0.3132

Trichromacy



Original Color

31.6843, 0.3271, 0.3117

Protanomaly

31.8595, 0.3125, 0.3127

Deuteranomaly

31.5515, 0.3228, 0.3130

Tritanomaly

31.6500, 0.3281, 0.3132

Monochromacy



Original Color

31.6843, 0.3271, 0.3117

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.4338, 0.3180, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6843, 0.3271, 0.3117 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(171, 146, 158)` looks like.

```
.text, #text, p{  
    color:rgb(171, 146, 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(171, 146, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 146, 158) }
```

Border

The CSS property to change the border of an element to Yxy 31.6843, 0.3271, 0.3117 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(171, 146, 158) }
```

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

```
.border{ border-color:rgb(171, 146, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 146, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 146, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 146, 158);  
box-shadow:4px 4px 4px 4px rgb(171, 146,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6843, 0.3271, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 146, 158) }
```

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

```
.background{ background-color: rgb(171,  
146, 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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