

Converting Colors

$Yxy(30.8562, 0.3145, 0.2928)$

Have a look what the booklet for
Yxy(30.8562, 0.3145, 0.2928)
contains.

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Color

Yxy(30.7969, 0.3144, 0.2931)

Conversions

Conversions Part 1

Format	Color
Hex	A88FA8
RGB	168, 143, 168
RGB Percent	66%, 56%, 66%
CMY	0.3412, 0.4392, 0.3412
CMYK	0.00, 0.15, 0.00, 0.34
HSL	300°, 13%, 61%
HSV	300°, 15%, 66%
XYZ	33.0350, 30.7969, 41.2412
YIQ	153.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

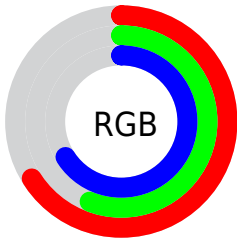
Format	Color
RYB	168, 143, 168
Decimal	11046824
CIELab	62.34, 13.89, -9.64
CIELCh	62, 16.911, 325.229
Yxy	30.7969, 0.3144, 0.2931
Android (android.graphics.Color)	4289236904 (0xFFA88FA8)
YUV	153.3250, 7.2348, 12.8700
Hunter-Lab	55.4950, 9.1410, -5.2150

Details

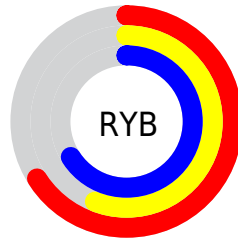
The Yxy color **30.7969, 0.3144, 0.2931** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.8239, 0.3109, 0.3677**, and the grayscale version is **31.9696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9482, 0.3141, 0.3004**, and **12.8027, 0.3149, 0.2825** is the 20% darker color. If you saturate the color by 10%, you get **26.1261, 0.3156, 0.2685**, and if you desaturate by 10%, it is **36.2257, 0.3133, 0.3174**.

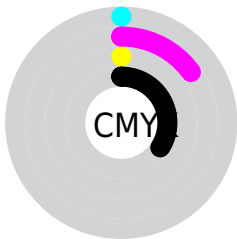
Distribution



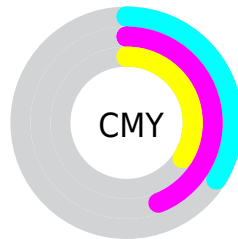
- Red (66%)
- Green (56%)
- Blue (66%)



- Red (66%)
- Yellow (56%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)




- Cyan (34%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7969, 0.3144, 0.2931 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 30.7969, 0.3144, 0.2931 by changing the saturation by 10% instead.


 30.7969, 0.3144,
0.2931


 30.7969, 0.3144,
0.2931


305.6015, 0.3137,
0.3118

 20.4442, 0.3145,
0.2882


 60.9202, 0.3142,
0.3001

 12.7184, 0.3146,
0.2817


 81.4596, 0.3141,
0.3026

 7.2349, 0.3147,
0.2728


106.1633, 0.3140,
0.3048

 3.6094, 0.3146,
0.2598

135.4159, 0.3139,
0.3066

 1.4576, 0.3139,
0.2391

169.6016, 0.3139,
0.3082

 0.2586, 0.3251,
0.1437

209.1048, 0.3138,

 0.0000, 0.0000,

0.3096

0.0000

254.3100, 0.3138,
0.3107

■ 30.7969, 0.3144,
0.2931

■ 30.7969, 0.3144,
0.2931

■ 26.1261, 0.3156,
0.2685

■ 36.2257, 0.3133,
0.3174

■ 22.1757, 0.3167,
0.2445

■ 42.4398, 0.3122,
0.3409

■ 18.9112, 0.3177,
0.2218

■ 49.4701, 0.3111,
0.3632

■ 16.2935, 0.3187,
0.2014

■ 57.3447, 0.3101,
0.3840

■ 14.2796, 0.3195,
0.1841

■ 66.0904, 0.3092,
0.4032

■ 12.8212, 0.3201,
0.1707

■ 75.7326, 0.3084,
0.4208

■ 11.8630, 0.3206,
0.1614

■ 82.6699, 0.3079,
0.4316

■ 11.3368, 0.3208,
0.1561

■ 82.6699, 0.3079,
0.4316

■ 11.1495, 0.3209,
0.1542

■ 82.6699, 0.3079,
0.4316

Harmonies

Analogous

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



30.7969, 0.2881, 0.2845



30.7969, 0.3144, 0.2931



30.7969, 0.3413, 0.3102

Triad

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



30.7969, 0.3144, 0.2931



30.7969, 0.3575, 0.3714



30.7969, 0.2668, 0.3226

Complementary

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



30.7969, 0.3144, 0.2931



35.8239, 0.3109, 0.3677

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.



30.7969, 0.2840, 0.3484



30.7969, 0.3144, 0.2931



30.7969, 0.3362, 0.3773

Square

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



30.7969, 0.3144, 0.2931



30.7969, 0.3667, 0.3545



30.7969, 0.3092, 0.3690



30.7969, 0.2615, 0.3001

Rectangle

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



30.7969, 0.3144, 0.2931



30.7969, 0.3555, 0.3247



30.7969, 0.3092, 0.3690



30.7969, 0.2714, 0.3312

Sweetspot

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



30.7982, 0.3144, 0.2931



66.5913, 0.3132, 0.3193



28.4410, 0.2893, 0.2909



14.3451, 0.3133, 0.3176



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



30.7982, 0.3144, 0.2931



52.8092, 0.3148, 0.2846



30.3691, 0.3264, 0.3101



7.6666, 0.3138, 0.3067



8.4214, 0.3209, 0.1542



0.2049, 0.3209, 0.1542

Inverse Universe

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



29.9552, 0.3398, 0.3291



50.9672, 0.3475, 0.3291



36.2097, 0.3009, 0.3487



7.5423, 0.3286, 0.3290



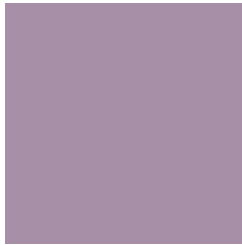
6.2866, 0.6401, 0.3300



0.1530, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 30.7969, 0.3144, 0.2931 looks on a white background.

Color Contrast Check

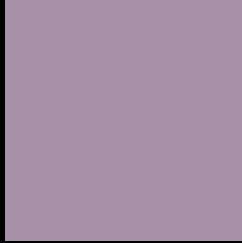
Large Text (above 18pt) WCAG AA × Fail

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 30.7969, 0.3144, 0.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

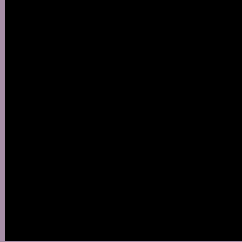
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7969, 0.3144, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 30.7969, 0.3144, 0.2931.



This preview shows how white text looks on a background with the Yxy color 30.7969, 0.3144, 0.2931.

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

30.7969, 0.3144, 0.2931

Protanopia

30.9943, 0.2900, 0.2958

Deuteranopia

30.9266, 0.3050, 0.2994



Tritanopia

30.7581, 0.3240, 0.3128

Trichromacy



Original Color

30.7969, 0.3144, 0.2931

Protanomaly

30.7763, 0.2984, 0.2934

Deuteranomaly

31.0292, 0.3091, 0.2983

Tritanomaly

30.7001, 0.3211, 0.3057

Monochromacy



Original Color

30.7969, 0.3144, 0.2931

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.2326, 0.3133, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7969, 0.3144, 0.2931 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(168, 143, 168)` looks like.

```
.text, #text, p{  
    color:rgb(168, 143, 168)  
}
```

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(168, 143, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 143, 168) }
```

Border

The CSS property to change the border of an element to Yxy 30.7969, 0.3144, 0.2931 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(168, 143, 168) }
```

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

```
.border{ border-color:rgb(168, 143, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 143, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 143, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 143, 168);  
box-shadow:4px 4px 4px 4px rgb(168, 143,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7969, 0.3144, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 143, 168) }
```

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

```
.background{ background-color: rgb(168,  
143, 168) }
```

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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