

Converting Colors

$Y_{xy}(30.2229, 0.3431, 0.3096)$

Have a look what the booklet for
Yxy(30.2229, 0.3431, 0.3096)
contains.

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Color

Yxy(30.3159, 0.3431, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	B38B98
RGB	179, 139, 152
RGB Percent	70%, 55%, 60%
CMY	0.2981, 0.4549, 0.4038
CMYK	0.00, 0.22, 0.15, 0.30
HSL	340°, 21%, 62%
HSV	340°, 22%, 70%
XYZ	33.4880, 30.3159, 33.8004
YIQ	152.4420, 19.6670, 12.5230

Conversions

Conversions Part 2

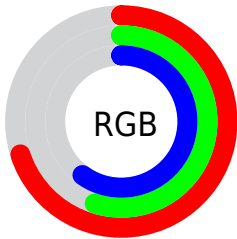
Format	Color
RYB	179, 139, 152
Decimal	11766680
CIELab	61.93, 17.26, -1.07
CIELCh	62, 17.291, 356.467
Yxy	30.3159, 0.3431, 0.3106
Android (android.graphics.Color)	4289956760 (0xFFB38B98)
YUV	152.4420, -0.2179, 23.2914
Hunter-Lab	55.0599, 12.2109, 2.1447

Details

The Yxy color **30.3159, 0.3431, 0.3106** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4738, 0.2895, 0.3483**, and the grayscale version is **31.5955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2583, 0.3369, 0.3149**, and **12.5200, 0.3542, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **25.1753, 0.3617, 0.3019**, and if you desaturate by 10%, it is **36.3480, 0.3278, 0.3191**.

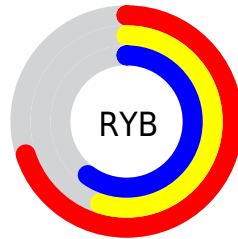
Distribution



Red (70%)

Green (55%)

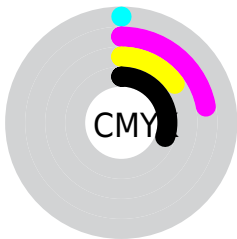
Blue (60%)



Red (70%)

Yellow (55%)

Blue (60%)

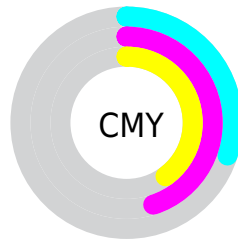


Cyan (0%)

Magenta (22%)

Yellow (15%)

Black (30%)



Cyan (30%)


Magenta (45%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3159, 0.3431, 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 30.3159, 0.3431, 0.3106 by changing the saturation by 10% instead.


 30.3159, 0.3431,
0.3106


 30.3159, 0.3431,
0.3106


303.3742, 0.3268,
0.3204


 20.0785, 0.3475,
0.3079


 60.1614, 0.3369,
0.3143

 12.4521, 0.3535,
0.3044


 80.5383, 0.3347,
0.3157

 7.0524, 0.3620,
0.2993


 105.0638, 0.3328,
0.3168

 3.4949, 0.3748,
0.2918

134.1223, 0.3313,
0.3177

 1.3952, 0.3965,
0.2791

168.0981, 0.3299,
0.3186

 0.2132, 0.5455,
0.1864

207.3758, 0.3288,

 0.0000, 0.0000,

0.3193

0.0000

252.3397, 0.3277,
0.3199

■ 30.3159, 0.3431,
0.3106

■ 30.3159, 0.3431,
0.3106

■ 25.1753, 0.3617,
0.3019

■ 36.3480, 0.3278,
0.3191

■ 20.8798, 0.3841,
0.2933

■ 43.3071, 0.3153,
0.3272

■ 17.3846, 0.4106,
0.2855


■ 51.2318, 0.3051,
0.3347


■ 14.6396, 0.4411,
0.2795

■ 60.1572, 0.2967,
0.3416


■ 12.5884, 0.4747,
0.2764


■ 70.1166, 0.2898,
0.3480


 11.1671, 0.5096,
0.2773


 81.1419, 0.2841,
0.3537

 10.2994, 0.5430,
0.2829

 87.1880, 0.2786,
0.3492

 9.8893, 0.5664,
0.2894

 87.9158, 0.2727,
0.3358

 88.3212, 0.2696,
0.3289

Harmonies

Analogous

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



30.3159, 0.3156, 0.2927



30.3159, 0.3431, 0.3106



30.3159, 0.3627, 0.3333

Triad

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



30.3159, 0.3431, 0.3106



30.3159, 0.3357, 0.3787



30.3159, 0.2602, 0.2985

Complementary

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



30.3159, 0.3431, 0.3106



40.4738, 0.2895, 0.3483

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.



30.3159, 0.2651, 0.3213



30.3159, 0.3431, 0.3106



30.3159, 0.3079, 0.3695

Square

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



30.3159, 0.3431, 0.3106



30.3159, 0.3580, 0.3731



30.3159, 0.2823, 0.3479



30.3159, 0.2685, 0.2852

Rectangle

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



30.3159, 0.3431, 0.3106



30.3159, 0.3681, 0.3488



30.3159, 0.2823, 0.3479



30.3159, 0.2604, 0.3053

Sweetspot

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



30.3173, 0.3431, 0.3106



71.4023, 0.3210, 0.3234



29.7921, 0.3017, 0.2722



15.6572, 0.3217, 0.3229



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



30.3173, 0.3431, 0.3106



49.3963, 0.3522, 0.3061



31.9025, 0.3554, 0.3387



8.5494, 0.3238, 0.3216



7.0009, 0.5634, 0.2877



0.2313, 0.4835, 0.2437

Inverse Universe

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



30.3173, 0.3431, 0.3106



49.3963, 0.3522, 0.3061



38.3699, 0.2794, 0.3191



8.5494, 0.3238, 0.3216



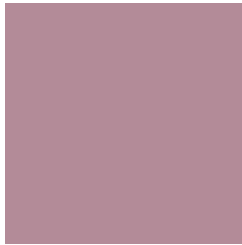
7.0009, 0.5634, 0.2877



0.2313, 0.4835, 0.2437

Previews

White Background



This preview shows how the Yxy color 30.3159, 0.3431, 0.3106 looks on a white background.

Color Contrast Check

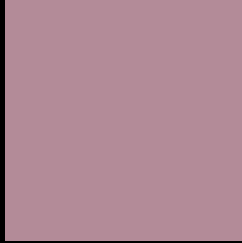
Large Text (above 18pt) WCAG AA × Fail

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 30.3159, 0.3431, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

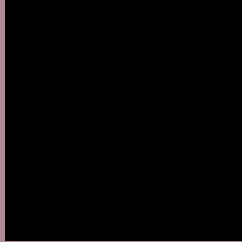
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3159, 0.3431, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 30.3159, 0.3431, 0.3106.



This preview shows how white text looks on a background with the Yxy color 30.3159, 0.3431, 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

30.3159, 0.3431, 0.3106

Protanopia

30.4475, 0.3053, 0.3151

Deuteranopia

30.3777, 0.3269, 0.3201



Tritanopia

30.2510, 0.3453, 0.3134

Trichromacy



Original Color

30.3159, 0.3431, 0.3106

Protanomaly

30.2282, 0.3187, 0.3125

Deuteranomaly

30.3143, 0.3325, 0.3173

Tritanomaly

30.2833, 0.3442, 0.3120

Monochromacy



Original Color

30.3159, 0.3431, 0.3106

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.8158, 0.3235, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3159, 0.3431, 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(179, 139, 152)` looks like.

```
.text, #text, p{  
    color:rgb(179, 139, 152)  
}
```

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(179, 139, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 139, 152) }
```

Border

The CSS property to change the border of an element to Yxy 30.3159, 0.3431, 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(179, 139, 152) }
```

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

```
.border{ border-color:rgb(179, 139, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 139, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 139, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 139, 152);  
box-shadow:4px 4px 4px 4px rgb(179, 139,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3159, 0.3431, 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(179, 139, 152) }
```

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

```
.background{ background-color: rgb(179,  
139, 152) }
```

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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