

Converting Colors

$Yxy(35.0089, 0.3182, 0.3037)$

Have a look what the booklet for
Yxy(35.0089, 0.3182, 0.3037)
contains.

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Color

Yxy(34.9528, 0.3188, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	B099AB
RGB	176, 153, 171
RGB Percent	69%, 60%, 67%
CMY	0.3099, 0.4000, 0.3294
CMYK	0.00, 0.13, 0.03, 0.31
HSL	313°, 13%, 65%
HSV	313°, 13%, 69%
XYZ	36.6424, 34.9528, 43.3433
YIQ	161.9290, 7.9300, 10.4740

Conversions

Conversions Part 2

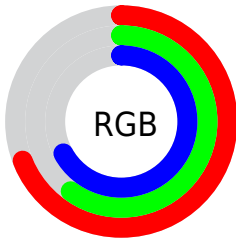
Format	Color
RYB	176, 153, 171
Decimal	11573675
CIELab	65.71, 11.70, -6.24
CIELCh	66, 13.257, 331.914
Yxy	34.9528, 0.3188, 0.3041
Android (android.graphics.Color)	4289763755 (0xFFB099AB)
YUV	161.9290, 4.4720, 12.3403
Hunter-Lab	59.1209, 7.1705, -2.0827

Details

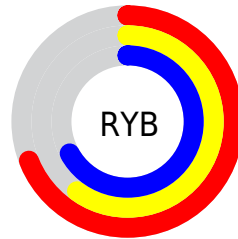
The Yxy color **34.9528, 0.3188, 0.3041** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2835, 0.3072, 0.3552**, and the grayscale version is **36.0719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2724, 0.3182, 0.3088**, and **15.0456, 0.3199, 0.2962** is the 20% darker color. If you saturate the color by 10%, you get **29.4683, 0.3243, 0.2843**, and if you desaturate by 10%, it is **41.2941, 0.3140, 0.3233**.

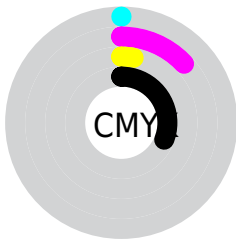
Distribution



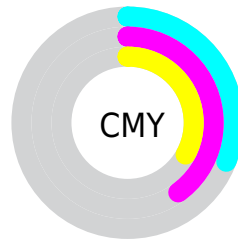
- Red (69%)
- Green (60%)
- Blue (67%)



- Red (69%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (31%)




- Cyan (31%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9528, 0.3188, 0.3041 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 34.9528, 0.3188, 0.3041 by changing the saturation by 10% instead.


 34.9528, 0.3188,
0.3041


 34.9528, 0.3188,
0.3041


324.3599, 0.3157,
0.3169

 23.6265, 0.3196,
0.3008


 67.4126, 0.3177,
0.3088

 15.0568, 0.3206,
0.2964


 89.3150, 0.3173,
0.3106

 8.8593, 0.3219,
0.2905


115.5115, 0.3169,
0.3121

 4.6495, 0.3238,
0.2820

146.3865, 0.3166,
0.3133

 2.0431, 0.3267,
0.2687

182.3245, 0.3163,
0.3144

 0.6323, 0.3344,
0.2383

223.7098, 0.3161,

 0.0000, 0.0000,

0.3154

0.0000

270.9268, 0.3159,
0.3162

■ 34.9528, 0.3188,
0.3041

■ 34.9528, 0.3188,
0.3041

■ 29.4683, 0.3243,
0.2843

■ 41.2941, 0.3140,
0.3233

■ 24.7990, 0.3306,
0.2644

■ 48.5224, 0.3099,
0.3416

■ 20.9066, 0.3376,
0.2452

■ 56.6722, 0.3065,
0.3588

■ 17.7480, 0.3453,
0.2274

■ 65.7747, 0.3035,
0.3747

■ 15.2756, 0.3535,
0.2121

■ 75.8594, 0.3011,
0.3894

■ 13.4367, 0.3619,
0.2002

■ 84.6372, 0.2990,
0.3993

■ 12.1704, 0.3705,
0.1925

■ 84.8106, 0.2970,
0.3947

■ 11.4041, 0.3787,
0.1894

■ 84.9885, 0.2950,
0.3901

■ 11.0579, 0.3844,
0.1891

■ 85.1708, 0.2930,
0.3856

Harmonies

Analogous

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



34.9528, 0.2984, 0.2959



34.9528, 0.3188, 0.3041



34.9528, 0.3381, 0.3184

Triad

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



34.9528, 0.3188, 0.3041



34.9528, 0.3435, 0.3628



34.9528, 0.2762, 0.3203

Complementary

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



34.9528, 0.3188, 0.3041



40.2835, 0.3072, 0.3552

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.



34.9528, 0.2875, 0.3394



34.9528, 0.3188, 0.3041



34.9528, 0.3262, 0.3646

Square

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



34.9528, 0.3188, 0.3041



34.9528, 0.3526, 0.3519



34.9528, 0.3057, 0.3560



34.9528, 0.2743, 0.3045

Rectangle

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



34.9528, 0.3188, 0.3041



34.9528, 0.3475, 0.3299



34.9528, 0.3057, 0.3560



34.9528, 0.2790, 0.3266

Sweetspot

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



34.9543, 0.3188, 0.3041



73.6692, 0.3145, 0.3214



33.1881, 0.2970, 0.2957



15.7716, 0.3148, 0.3200



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.



34.9543, 0.3188, 0.3041



60.0326, 0.3205, 0.2978



34.5353, 0.3297, 0.3199



8.6146, 0.3169, 0.3113



8.1246, 0.3836, 0.1887



0.2635, 0.3630, 0.1773

Inverse Universe

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



34.9543, 0.3188, 0.3041



60.0326, 0.3205, 0.2978



40.6976, 0.2981, 0.3383



8.6146, 0.3169, 0.3113



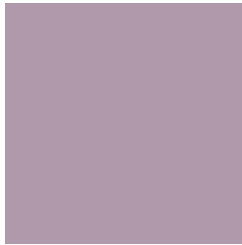
8.1246, 0.3836, 0.1887



0.2635, 0.3630, 0.1773

Previews

White Background



This preview shows how the Yxy color 34.9528, 0.3188, 0.3041 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 34.9528, 0.3188, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

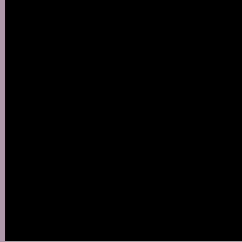
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9528, 0.3188, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 34.9528, 0.3188, 0.3041.



This preview shows how white text looks on a background with the Yxy color 34.9528, 0.3188, 0.3041.

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

34.9528, 0.3188, 0.3041

Protanopia

35.1214, 0.2987, 0.3073

Deuteranopia

34.9290, 0.3128, 0.3065



Tritanopia

34.9783, 0.3224, 0.3122

Trichromacy



Original Color

34.9528, 0.3188, 0.3041

Protanomaly

35.1304, 0.3061, 0.3062

Deuteranomaly

34.8221, 0.3148, 0.3052

Tritanomaly

35.0523, 0.3205, 0.3095

Monochromacy



Original Color

34.9528, 0.3188, 0.3041

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.7284, 0.3150, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9528, 0.3188, 0.3041 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, 153, 171)` looks like.

```
.text, #text, p{  
    color:rgb(176, 153, 171)  
}
```

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, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 153, 171) }
```

Border

The CSS property to change the border of an element to Yxy 34.9528, 0.3188, 0.3041 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, 153, 171) }
```

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

```
.border{ border-color:rgb(176, 153, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 153, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 153, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 153, 171);  
box-shadow:4px 4px 4px 4px rgb(176, 153,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9528, 0.3188, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 153, 171) }
```

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

```
.background{ background-color: rgb(176,  
153, 171) }
```

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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