

Converting Colors

$Y_{xy}(34.4490, 0.3015, 0.2811)$

Have a look what the booklet for
Yxy(34.4490, 0.3015, 0.2811)
contains.

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Color

Yxy(34.4490, 0.3015, 0.2811)

Conversions

Conversions Part 1

Format	Color
Hex	AC97BA
RGB	172, 151, 186
RGB Percent	67%, 59%, 73%
CMY	0.3253, 0.4079, 0.2706
CMYK	0.08, 0.19, 0.00, 0.27
HSL	276°, 20%, 66%
HSV	276°, 19%, 73%
XYZ	36.9490, 34.4490, 51.1527
YIQ	161.2690, 1.2810, 15.3370

Conversions

Conversions Part 2

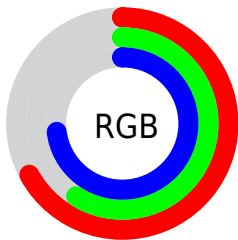
Format	Color
R_{YB}	172, 151, 186
Decimal	11311034
CIE _{Lab}	65.32, 14.41, -15.27
CIE _{LCh}	65, 20.998, 313.329
Yxy	34.4490, 0.3015, 0.2811
Android (android.graphics.Color)	4289501114 (0xFFAC97BA)
YUV	161.2690, 12.1924, 9.4111
Hunter-Lab	58.6933, 9.6575, -10.5874

Details

The Yxy color **34.4490, 0.3015, 0.2811** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.3425, 0.3221, 0.3779**, and the grayscale version is **35.7165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5674, 0.3042, 0.2899**, and **14.7297, 0.2966, 0.2664** is the 20% darker color. If you saturate the color by 10%, you get **28.1133, 0.2941, 0.2535**, and if you desaturate by 10%, it is **41.7788, 0.3079, 0.3073**.

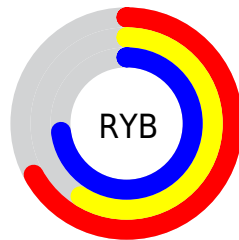
Distribution



Red (67%)

Green (59%)

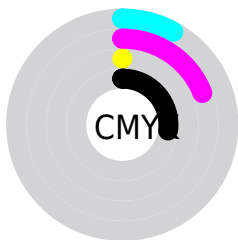
Blue (73%)



Red (67%)

Yellow (59%)

Blue (73%)

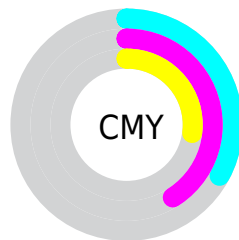


Cyan (8%)

Magenta (19%)

Yellow (0%)

Black (27%)



Cyan (33%)


Magenta (41%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4490, 0.3015, 0.2811 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 34.4490, 0.3015, 0.2811 by changing the saturation by 10% instead.


 34.4490, 0.3015,
0.2811


 34.4490, 0.3015,
0.2811


322.1295, 0.3077,
0.3055

 23.2387, 0.2998,
0.2749


 66.6313, 0.3039,
0.2900

 14.7699, 0.2975,
0.2669


 88.3721, 0.3047,
0.2934

 8.6581, 0.2942,
0.2561


114.3919, 0.3054,
0.2962

 4.5188, 0.2892,
0.2409

145.0751, 0.3060,
0.2986

 1.9678, 0.2809,
0.2180

180.8061, 0.3065,
0.3006

 0.5887, 0.2671,
0.1722

221.9692, 0.3069,

 0.0000, 0.0000,

0.3024

0.0000

268.9489, 0.3073,
0.3040

■ 34.4490, 0.3015,
0.2811

■ 34.4490, 0.3015,
0.2811

■ 28.1133, 0.2941,
0.2535

■ 41.7788, 0.3079,
0.3073

■ 22.7225, 0.2856,
0.2253

■ 50.1404, 0.3133,
0.3318

■ 18.2294, 0.2762,
0.1974

■ 59.5747, 0.3178,
0.3543

■ 14.5813, 0.2661,
0.1708

■ 70.1192, 0.3216,
0.3748

■ 11.7195, 0.2554,
0.1470

■ 81.8096, 0.3246,
0.3933

■ 9.5776, 0.2447,
0.1271

■ 89.7433, 0.3281,
0.4029

■ 8.0778, 0.2343,
0.1120

■ 90.9016, 0.3330,
0.4017

■ 7.0861, 0.2246,
0.1016

■ 92.1115, 0.3379,
0.4006

■ 6.9809, 0.2235,
0.1005

■ 93.3737, 0.3428,
0.3994

Harmonies

Analogous

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



34.4490, 0.2730, 0.2756



34.4490, 0.3015, 0.2811



34.4490, 0.3345, 0.2977

Triad

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



34.4490, 0.3015, 0.2811



34.4490, 0.3726, 0.3725



34.4490, 0.2646, 0.3334

Complementary

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



34.4490, 0.3015, 0.2811



45.3425, 0.3221, 0.3779

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.



34.4490, 0.2894, 0.3636



34.4490, 0.3015, 0.2811



34.4490, 0.3519, 0.3860

Square

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



34.4490, 0.3015, 0.2811



34.4490, 0.3768, 0.3488



34.4490, 0.3213, 0.3834



34.4490, 0.2526, 0.3038

Rectangle

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



34.4490, 0.3015, 0.2811



34.4490, 0.3544, 0.3133



34.4490, 0.3213, 0.3834



34.4490, 0.2717, 0.3439

Sweetspot

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



34.4505, 0.3015, 0.2811



79.6672, 0.3095, 0.3142



37.0306, 0.2832, 0.2990



17.3327, 0.3091, 0.3125



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



34.4505, 0.3015, 0.2811



56.9909, 0.2982, 0.2687



35.9662, 0.3181, 0.2874



8.9793, 0.3076, 0.3060



4.7413, 0.2246, 0.1011



0.2021, 0.2496, 0.1149

Inverse Universe

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



35.2828, 0.3349, 0.3102



58.8546, 0.3416, 0.3053



44.0433, 0.3077, 0.3745



9.0699, 0.3227, 0.3199



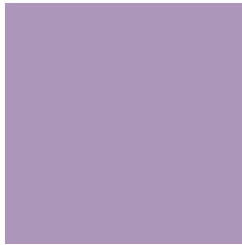
7.3709, 0.5352, 0.2722



0.2722, 0.4670, 0.2346

Previews

White Background



This preview shows how the Yxy color 34.4490, 0.3015, 0.2811 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 34.4490, 0.3015, 0.2811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

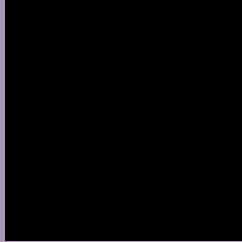
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4490, 0.3015, 0.2811

Background



This preview shows how black text looks on a background with the Yxy color 34.4490, 0.3015, 0.2811.



This preview shows how white text looks on a background with the Yxy color 34.4490, 0.3015, 0.2811.

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

34.4490, 0.3015, 0.2811

Protanopia

34.5070, 0.2803, 0.2820

Deuteranopia

34.5225, 0.2921, 0.2867



Tritanopia

34.3362, 0.3156, 0.3105

Trichromacy



Original Color

34.4490, 0.3015, 0.2811

Protanomaly

34.4877, 0.2871, 0.2812

Deuteranomaly

34.6133, 0.2958, 0.2857

Tritanomaly

34.3845, 0.3102, 0.2995

Monochromacy



Original Color

34.4490, 0.3015, 0.2811

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.0156, 0.3088, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4490, 0.3015, 0.2811 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, 151, 186)` looks like.

```
.text, #text, p{  
    color:rgb(172, 151, 186)  
}
```

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, 151, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 151, 186) }
```

Border

The CSS property to change the border of an element to Yxy 34.4490, 0.3015, 0.2811 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, 151, 186) }
```

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

```
.border{ border-color:rgb(172, 151, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 151, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 151, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 151, 186);  
box-shadow:4px 4px 4px 4px rgb(172, 151,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4490, 0.3015, 0.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 151, 186) }
```

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

```
.background{ background-color: rgb(172,  
151, 186) }
```

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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