

Converting Colors

$Yxy(34.8681, 0.2800, 0.2451)$

Have a look what the booklet for
Yxy(34.8681, 0.2800, 0.2451)
contains.

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Color

Yxy(34.8681, 0.2800, 0.2451)

Conversions

Conversions Part 1

Format	Color
Hex	AD94D5
RGB	173, 148, 213
RGB Percent	68%, 58%, 84%
CMY	0.3215, 0.4196, 0.1648
CMYK	0.19, 0.31, 0.00, 0.16
HSL	263°, 44%, 71%
HSV	263°, 31%, 84%
XYZ	39.8330, 34.8681, 67.5596
YIQ	162.8850, -5.9650, 25.5150

Conversions

Conversions Part 2

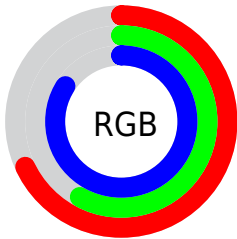
Format	Color
R _Y B	173, 148, 213
Decimal	11375829
CIE Lab	65.65, 22.25, -29.82
CIE LCh	66, 37.203, 306.733
Yxy	34.8681, 0.2800, 0.2451
Android (android.graphics.Color)	4289565909 (0xFFAD94D5)
YUV	162.8850, 24.7067, 8.8709
Hunter-Lab	59.0492, 17.0751, -26.5006

Details

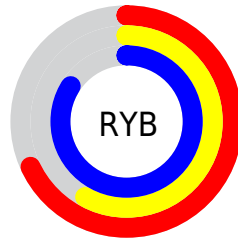
The Yxy color $34.8681, 0.2800, 0.2451$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $60.3959, 0.3385, 0.4100$, and the grayscale version is $36.4535, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.1191, 0.2964, 0.2741$, and $15.0111, 0.2696, 0.2224$ is the 20% darker color. If you saturate the color by 10%, you get $27.3710, 0.2663, 0.2141$, and if you desaturate by 10%, it is $43.7435, 0.2923, 0.2748$.

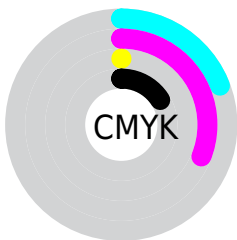
Distribution



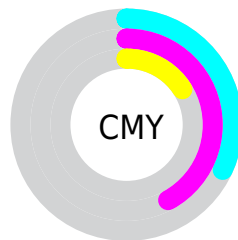
- Red (68%)
- Green (58%)
- Blue (84%)



- Red (68%)
- Yellow (58%)
- Blue (84%)



- Cyan (19%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)




- Cyan (32%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8681, 0.2800, 0.2451 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 34.8681, 0.2800, 0.2451 by changing the saturation by 10% instead.


 34.8681, 0.2800,
0.2451


 34.8681, 0.2800,
0.2451


323.9858, 0.2976,
0.2864

 23.5613, 0.2753,
0.2351


 67.2814, 0.2866,
0.2599

 15.0085, 0.2691,
0.2224


 89.1566, 0.2891,
0.2656

 8.8254, 0.2606,
0.2060


115.3235, 0.2911,
0.2703

 4.6274, 0.2483,
0.1840

146.1664, 0.2928,
0.2745

 2.0304, 0.2293,
0.1533

182.0696, 0.2942,
0.2780

 0.6250, 0.1983,
0.1056

223.4177, 0.2955,

 0.0000, 0.0479,

0.2812

0.0000

270.5949, 0.2966,
0.2840

0.0000, 0.0000,
0.0000

34.8681, 0.2800,
0.2451

34.8681, 0.2800,
0.2451

27.3710, 0.2663,
0.2141

43.7435, 0.2923,
0.2748

21.1762, 0.2514,
0.1829

54.0593, 0.3030,
0.3025

16.2067, 0.2358,
0.1530


65.8788, 0.3123,
0.3278

12.3756, 0.2201,
0.1261


79.2604, 0.3202,
0.3506

9.5837, 0.2052,
0.1038

94.2592, 0.3268,
0.3710

 7.7137, 0.1919,
0.0875

 96.9425, 0.3353,
0.3704

 6.5965, 0.1812,
0.0772

 97.5825, 0.3376,
0.3701

Harmonies

Analogous

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



34.8681, 0.2361, 0.2394



34.8681, 0.2800, 0.2451



34.8681, 0.3372, 0.2687

Triad

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



34.8681, 0.2800, 0.2451



34.8681, 0.4219, 0.3926



34.8681, 0.2371, 0.3479

Complementary

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



34.8681, 0.2800, 0.2451



60.3959, 0.3385, 0.4100

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.



34.8681, 0.2819, 0.4029



34.8681, 0.2800, 0.2451



34.8681, 0.3892, 0.4251

Square

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



34.8681, 0.2800, 0.2451



34.8681, 0.4237, 0.3493



34.8681, 0.3376, 0.4321



34.8681, 0.2131, 0.2924

Rectangle

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



34.8681, 0.2800, 0.2451



34.8681, 0.3752, 0.2921



34.8681, 0.3376, 0.4321



34.8681, 0.2500, 0.3676

Sweetspot

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



34.8695, 0.2800, 0.2451



83.6423, 0.3044, 0.3062



47.0927, 0.2653, 0.2960



17.3750, 0.3030, 0.3023



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



34.8695, 0.2800, 0.2451



44.4553, 0.2707, 0.2239



39.0177, 0.3092, 0.2520



12.2395, 0.3041, 0.3053



4.0854, 0.1826, 0.0780



0.2934, 0.2023, 0.0888

Inverse Universe

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



38.9508, 0.3397, 0.2810



51.7247, 0.3479, 0.2699



56.7368, 0.3139, 0.4165



12.5479, 0.3196, 0.3148



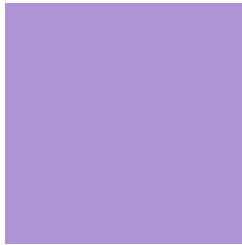
9.6623, 0.4470, 0.2236



0.5987, 0.4195, 0.2085

Previews

White Background



This preview shows how the Yxy color 34.8681, 0.2800, 0.2451 looks on a white background.

Color Contrast Check

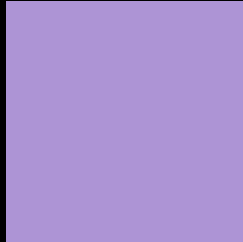
Large Text (above 18pt) WCAG AA × Fail

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 34.8681, 0.2800, 0.2451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

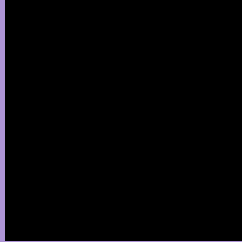
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8681, 0.2800, 0.2451

Background



This preview shows how black text looks on a background with the Yxy color 34.8681, 0.2800, 0.2451.



This preview shows how white text looks on a background with the Yxy color 34.8681, 0.2800, 0.2451.

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

34.8681, 0.2800, 0.2451

Protanopia

34.9440, 0.2507, 0.2436

Deuteranopia

35.0201, 0.2610, 0.2549



Tritanopia

34.9778, 0.3097, 0.3118

Trichromacy



Original Color

34.8681, 0.2800, 0.2451

Protanomaly

34.8933, 0.2611, 0.2448

Deuteranomaly

34.9326, 0.2670, 0.2510

Tritanomaly

34.9388, 0.2986, 0.2861

Monochromacy



Original Color

34.8681, 0.2800, 0.2451

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0054, 0.3011, 0.2969

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8681, 0.2800, 0.2451 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(173, 148, 213)` looks like.

```
.text, #text, p{  
    color:rgb(173, 148, 213)  
}
```

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(173, 148, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 148, 213) }
```

Border

The CSS property to change the border of an element to Yxy 34.8681, 0.2800, 0.2451 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(173, 148, 213) }
```

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

```
.border{ border-color:rgb(173, 148, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 148, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 148, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 148, 213);  
box-shadow:4px 4px 4px 4px rgb(173, 148,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8681, 0.2800, 0.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 148, 213) }
```

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

```
.background{ background-color: rgb(173,  
148, 213) }
```

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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