

Converting Colors

$Y_{xy}(35.3861, 0.2824, 0.2526)$

Have a look what the booklet for
Yxy(35.3861, 0.2824, 0.2526)
contains.

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Color

Yxy(35.5073, 0.2824, 0.2533)

Conversions

Conversions Part 1

Format	Color
Hex	AC97D1
RGB	172, 151, 209
RGB Percent	67%, 59%, 82%
CMY	0.3255, 0.4078, 0.1804
CMYK	0.18, 0.28, 0.00, 0.18
HSL	262°, 39%, 71%
HSV	262°, 28%, 82%
XYZ	39.5865, 35.5073, 65.0850
YIQ	163.8910, -6.1020, 22.4900

Conversions

Conversions Part 2

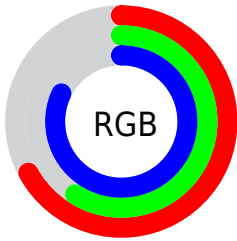
Format	Color
RYB	172, 151, 209
Decimal	11311057
CIELab	66.14, 19.34, -26.85
CIELCh	66, 33.091, 305.763
Yxy	35.5073, 0.2824, 0.2533
Android (android.graphics.Color)	4289501137 (0xFFAC97D1)
YUV	163.8910, 22.2387, 7.1116
Hunter-Lab	59.5880, 14.3051, -23.0479

Details

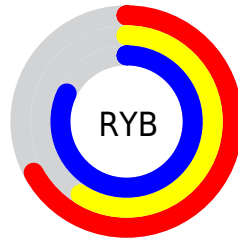
The Yxy color **35.5073, 0.2824, 0.2533** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.5257, 0.3373, 0.4018**, and the grayscale version is **36.9648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3766, 0.2957, 0.2772**, and **15.3694, 0.2729, 0.2330** is the 20% darker color. If you saturate the color by 10%, you get **27.9332, 0.2686, 0.2224**, and if you desaturate by 10%, it is **44.4282, 0.2947, 0.2826**.

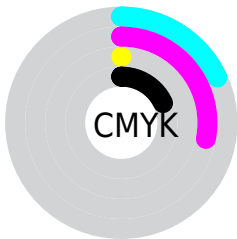
Distribution



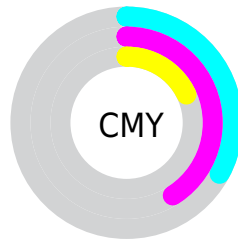
- Red (67%)
- Green (59%)
- Blue (82%)



- Red (67%)
- Yellow (59%)
- Blue (82%)



- Cyan (18%)
- Magenta (28%)
- Yellow (0%)
- Black (18%)




- Cyan (33%)
- Magenta (41%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5073, 0.2824, 0.2533 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 35.5073, 0.2824, 0.2533 by changing the saturation by 10% instead.


 35.5073, 0.2824,
0.2533


 35.5073, 0.2824,
0.2533


326.8019, 0.2986,
0.2908

 24.0539, 0.2781,
0.2441


 68.2709, 0.2885,
0.2668

 15.3736, 0.2724,
0.2325


 90.3499, 0.2907,
0.2719

 9.0820, 0.2645,
0.2173


116.7396, 0.2926,
0.2763

 4.7947, 0.2532,
0.1967

147.8244, 0.2942,
0.2800

 2.1273, 0.2357,
0.1675

183.9886, 0.2955,
0.2832

 0.6799, 0.2063,
0.1220

225.6166, 0.2967,

 0.0000, 0.0426,

0.2861

0.0000

273.0929, 0.2977,
0.2886

0.0000, 0.0000,
0.0000

35.5073, 0.2824,
0.2533

35.5073, 0.2824,
0.2533

27.9332, 0.2686,
0.2224

44.4282, 0.2947,
0.2826

21.6340, 0.2535,
0.1909

54.7540, 0.3054,
0.3097

16.5379, 0.2375,
0.1601

66.5449, 0.3147,
0.3343

12.5636, 0.2214,
0.1318

79.8560, 0.3225,
0.3564

9.6196, 0.2059,
0.1078

94.4170, 0.3292,
0.3756

■ 7.5990, 0.1920,
0.0896

■ 96.8203, 0.3380,
0.3744

■ 6.3524, 0.1802,
0.0776

■ 97.3832, 0.3400,
0.3741

■ 6.1249, 0.1778,
0.0753

Harmonies

Analogous

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



35.5073, 0.2434, 0.2490



35.5073, 0.2824, 0.2533



35.5073, 0.3330, 0.2741

Triad

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



35.5073, 0.2824, 0.2533



35.5073, 0.4101, 0.3854



35.5073, 0.2466, 0.3476

Complementary

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



35.5073, 0.2824, 0.2533



58.5257, 0.3373, 0.4018

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.



35.5073, 0.2873, 0.3949



35.5073, 0.2824, 0.2533



35.5073, 0.3824, 0.4139

Square

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



35.5073, 0.2824, 0.2533



35.5073, 0.4103, 0.3467



35.5073, 0.3371, 0.4197



35.5073, 0.2240, 0.2986

Rectangle

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



35.5073, 0.2824, 0.2533



35.5073, 0.3665, 0.2952



35.5073, 0.3371, 0.4197



35.5073, 0.2585, 0.3647

Sweetspot

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



35.5088, 0.2824, 0.2533



85.2821, 0.3051, 0.3088



47.4493, 0.2699, 0.3020



17.6977, 0.3035, 0.3048



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.



35.5088, 0.2824, 0.2533



48.7489, 0.2748, 0.2360



39.0591, 0.3079, 0.2588



11.6229, 0.3038, 0.3054



3.8276, 0.1792, 0.0761



0.2583, 0.2002, 0.0877

Inverse Universe

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



39.3215, 0.3353, 0.2839



55.7407, 0.3413, 0.2745



55.2764, 0.3154, 0.4071



11.9334, 0.3192, 0.3143



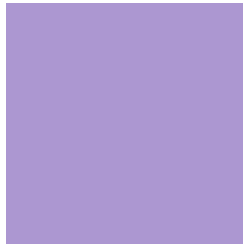
9.4276, 0.4376, 0.2184



0.5420, 0.4108, 0.2036

Previews

White Background



This preview shows how the Yxy color 35.5073, 0.2824, 0.2533 looks on a white background.

Color Contrast Check

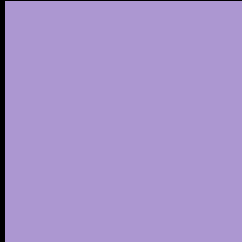
Large Text (above 18pt) WCAG AA × Fail

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 35.5073, 0.2824, 0.2533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

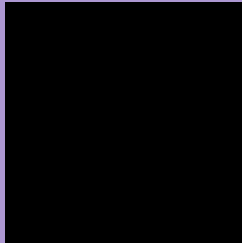
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5073, 0.2824, 0.2533

Background



This preview shows how black text looks on a background with the Yxy color 35.5073, 0.2824, 0.2533.



This preview shows how white text looks on a background with the Yxy color 35.5073, 0.2824, 0.2533.

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

35.5073, 0.2824, 0.2533

Protanopia

35.7223, 0.2571, 0.2528

Deuteranopia

35.6832, 0.2671, 0.2607



Tritanopia

35.3933, 0.3079, 0.3105

Trichromacy



Original Color

35.5073, 0.2824, 0.2533

Protanomaly

35.5496, 0.2657, 0.2525

Deuteranomaly

35.3677, 0.2724, 0.2576

Tritanomaly

35.2703, 0.2986, 0.2875

Monochromacy



Original Color

35.5073, 0.2824, 0.2533

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3071, 0.3019, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5073, 0.2824, 0.2533 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(172, 151, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 151, 209) }
```

Border

The CSS property to change the border of an element to Yxy 35.5073, 0.2824, 0.2533 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, 209) }
```

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

```
.border{ border-color:rgb(172, 151, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 151, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 151, 209);  
box-shadow:4px 4px 4px 4px rgb(172, 151,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5073, 0.2824, 0.2533 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, 209) }
```

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

```
.background{ background-color: rgb(172,  
151, 209) }
```

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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