

Converting Colors

$Y_{xy}(35.1968, 0.2937, 0.2687)$

Have a look what the booklet for
Yxy(35.1968, 0.2937, 0.2687)
contains.

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Color

Yxy(35.0487, 0.2930, 0.2676)

Conversions

Conversions Part 1

Format	Color
Hex	AD97C5
RGB	173, 151, 197
RGB Percent	68%, 59%, 77%
CMY	0.3216, 0.4078, 0.2276
CMYK	0.12, 0.23, 0.00, 0.23
HSL	269°, 28%, 68%
HSV	269°, 23%, 77%
XYZ	38.3754, 35.0487, 57.5501
YIQ	162.8220, -1.6540, 18.9700

Conversions

Conversions Part 2

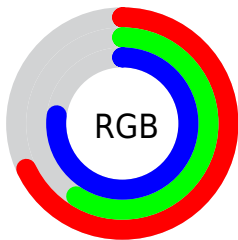
Format	Color
RYB	173, 151, 197
Decimal	11376581
CIELab	65.79, 17.02, -20.69
CIELCh	66, 26.796, 309.441
Yxy	35.0487, 0.2930, 0.2676
Android (android.graphics.Color)	4289566661 (0xFFAD97C5)
YUV	162.8220, 16.8498, 8.9261
Hunter-Lab	59.2019, 12.1025, -16.1943

Details

The Yxy color **35.0487, 0.2930, 0.2676** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.2678, 0.3290, 0.3902**, and the grayscale version is **36.4577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4764, 0.2970, 0.2782**, and **15.0906, 0.2861, 0.2501** is the 20% darker color. If you saturate the color by 10%, you get **28.1039, 0.2824, 0.2384**, and if you desaturate by 10%, it is **43.1457, 0.3023, 0.2953**.

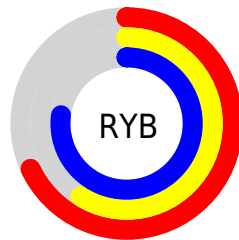
Distribution



Red (68%)

Green (59%)

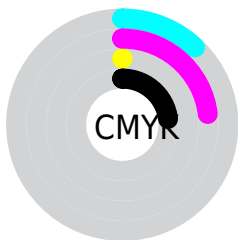
Blue (77%)



Red (68%)

Yellow (59%)

Blue (77%)

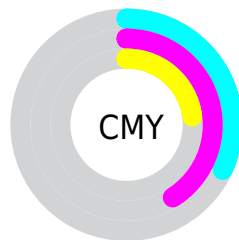


Cyan (12%)

Magenta (23%)

Yellow (0%)

Black (23%)



Cyan (32%)


Magenta (41%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0487, 0.2930, 0.2676 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 35.0487, 0.2930, 0.2676 by changing the saturation by 10% instead.


 35.0487, 0.2930,
0.2676


 35.0487, 0.2930,
0.2676

324.7832, 0.3037,
0.2984

 23.7004, 0.2901,
0.2599


 67.5612, 0.2971,
0.2788

 15.1115, 0.2862,
0.2500


 89.4942, 0.2985,
0.2830

 8.8977, 0.2808,
0.2370


115.7242, 0.2997,
0.2866

 4.6745, 0.2728,
0.2189

146.6356, 0.3008,
0.2896

 2.0576, 0.2599,
0.1924

182.6128, 0.3017,
0.2923

 0.6406, 0.2375,
0.1466

224.0402, 0.3024,

 0.0000, 0.0000,

0.2946

0.0000

271.3022, 0.3031,
0.2966

■ 35.0487, 0.2930,
0.2676

■ 35.0487, 0.2930,
0.2676

■ 28.1039, 0.2824,
0.2384

■ 43.1457, 0.3023,
0.2953

■ 22.2523, 0.2705,
0.2086

■ 52.4415, 0.3103,
0.3209

■ 17.4363, 0.2576,
0.1791

■ 62.9852, 0.3171,
0.3444

■ 13.5909, 0.2440,
0.1514

■ 74.8220, 0.3228,
0.3656

■ 10.6434, 0.2303,
0.1270

■ 87.9947, 0.3276,
0.3846

8.5106, 0.2172,
0.1074

93.1515, 0.3337,
0.3886

7.0926, 0.2051,
0.0933

94.9476, 0.3405,
0.3873

6.4222, 0.1978,
0.0863

96.8101, 0.3472,
0.3860

Harmonies

Analogous

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



35.0487, 0.2589, 0.2625



35.0487, 0.2930, 0.2676



35.0487, 0.3347, 0.2865

Triad

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



35.0487, 0.2930, 0.2676



35.0487, 0.3906, 0.3797



35.0487, 0.2553, 0.3394

Complementary

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



35.0487, 0.2930, 0.2676



51.2678, 0.3290, 0.3902

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.



35.0487, 0.2878, 0.3778



35.0487, 0.2930, 0.2676



35.0487, 0.3662, 0.4001

Square

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



35.0487, 0.2930, 0.2676



35.0487, 0.3933, 0.3487



35.0487, 0.3283, 0.4007



35.0487, 0.2384, 0.3007

Rectangle

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



35.0487, 0.2930, 0.2676



35.0487, 0.3611, 0.3050



35.0487, 0.3283, 0.4007



35.0487, 0.2647, 0.3530

Sweetspot

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



35.0502, 0.2930, 0.2676



87.4120, 0.3074, 0.3115



41.4744, 0.2762, 0.2994



18.4887, 0.3070, 0.3099



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.



35.0502, 0.2930, 0.2676



56.2033, 0.2877, 0.2529



37.8271, 0.3140, 0.2714



10.5322, 0.3056, 0.3056



4.2745, 0.1991, 0.0870



0.2455, 0.2225, 0.1000

Inverse Universe

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



37.0974, 0.3361, 0.2981



60.5870, 0.3427, 0.2911



48.8834, 0.3109, 0.3937



10.7278, 0.3209, 0.3170



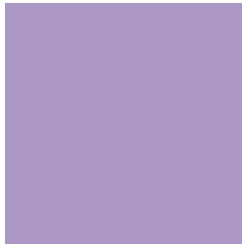
8.4655, 0.4849, 0.2445



0.4154, 0.4417, 0.2207

Previews

White Background



This preview shows how the Yxy color 35.0487, 0.2930, 0.2676 looks on a white background.

Color Contrast Check

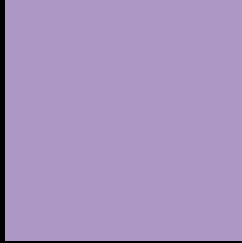
Large Text (above 18pt) WCAG AA × Fail

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 35.0487, 0.2930, 0.2676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

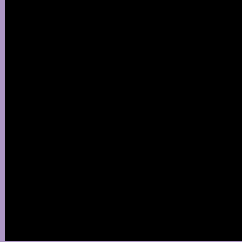
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0487, 0.2930, 0.2676

Background



This preview shows how black text looks on a background with the Yxy color 35.0487, 0.2930, 0.2676.



This preview shows how white text looks on a background with the Yxy color 35.0487, 0.2930, 0.2676.

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

35.0487, 0.2930, 0.2676

Protanopia

35.1075, 0.2690, 0.2676

Deuteranopia

35.2676, 0.2799, 0.2748



Tritanopia

34.9289, 0.3135, 0.3119

Trichromacy



Original Color

35.0487, 0.2930, 0.2676

Protanomaly

34.8819, 0.2776, 0.2671

Deuteranomaly

35.2147, 0.2850, 0.2728

Tritanomaly

34.9119, 0.3057, 0.2942

Monochromacy



Original Color

35.0487, 0.2930, 0.2676

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1069, 0.3062, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0487, 0.2930, 0.2676 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, 151, 197)` looks like.

```
.text, #text, p{  
    color:rgb(173, 151, 197)  
}
```

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, 151, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 151, 197) }
```

Border

The CSS property to change the border of an element to Yxy 35.0487, 0.2930, 0.2676 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, 151, 197) }
```

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

```
.border{ border-color:rgb(173, 151, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 151, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 151, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 151, 197);  
box-shadow:4px 4px 4px 4px rgb(173, 151,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0487, 0.2930, 0.2676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 151, 197) }
```

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

```
.background{ background-color: rgb(173,  
151, 197) }
```

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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