

Converting Colors

$Y_{xy}(34.9152, 0.3070, 0.2986)$

Have a look what the booklet for
Yxy(34.9152, 0.3070, 0.2986)
contains.

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Color

Yxy(35.0123, 0.3073, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	A99BB0
RGB	169, 155, 176
RGB Percent	66%, 61%, 69%
CMY	0.3374, 0.3921, 0.3098
CMYK	0.04, 0.12, 0.00, 0.31
HSL	280°, 12%, 65%
HSV	280°, 12%, 69%
XYZ	35.9121, 35.0123, 45.9390
YIQ	161.5800, 1.6030, 9.4990

Conversions

Conversions Part 2

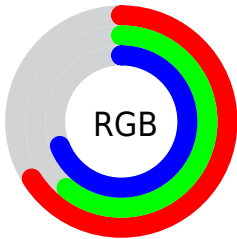
Format	Color
RYB	169, 155, 176
Decimal	11115440
CIELab	65.76, 9.06, -9.04
CIELCh	66, 12.802, 315.066
Yxy	35.0123, 0.3073, 0.2996
Android (android.graphics.Color)	4289305520 (0xFFA99BB0)
YUV	161.5800, 7.1091, 6.5073
Hunter-Lab	59.1712, 4.7855, -4.6114

Details

The Yxy color **35.0123, 0.3073, 0.2996** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1064, 0.3175, 0.3590**, and the grayscale version is **35.8886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2744, 0.3080, 0.3042**, and **15.1378, 0.3050, 0.2899** is the 20% darker color. If you saturate the color by 10%, you get **28.9364, 0.3018, 0.2733**, and if you desaturate by 10%, it is **41.9746, 0.3119, 0.3244**.

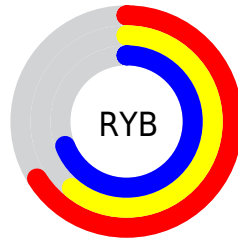
Distribution



Red (66%)

Green (61%)

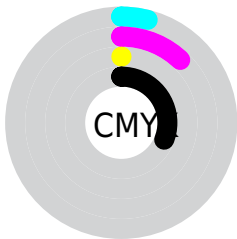
Blue (69%)



Red (66%)

Yellow (61%)

Blue (69%)

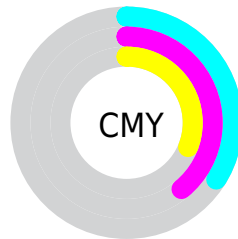


Cyan (4%)

Magenta (12%)

Yellow (0%)

Black (31%)



Cyan (34%)


Magenta (39%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0123, 0.3073, 0.2996 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 35.0123, 0.3073, 0.2996 by changing the saturation by 10% instead.

 35.0123, 0.3073,
0.2996


 35.0123, 0.3073,
0.2996


324.6226, 0.3103,
0.3147

 23.6724, 0.3065,
0.2957


 67.5048, 0.3084,
0.3052

 15.0907, 0.3054,
0.2906


 89.4262, 0.3088,
0.3073

 8.8831, 0.3038,
0.2836

115.6435, 0.3092,
0.3090

 4.6650, 0.3014,
0.2737

146.5411, 0.3095,
0.3105

 2.0521, 0.2974,
0.2581

182.5034, 0.3097,
0.3118

 0.6375, 0.2914,
0.2246

223.9148, 0.3099,

 0.0000, 0.0000,

0.3129

0.0000

271.1598, 0.3101,
0.3139

■ 35.0123, 0.3073,
0.2996

■ 35.0123, 0.3073,
0.2996

■ 28.9364, 0.3018,
0.2733

■ 41.9746, 0.3119,
0.3244

■ 23.7053, 0.2955,
0.2461

■ 49.8538, 0.3158,
0.3475

■ 19.2807, 0.2883,
0.2187

■ 58.6844, 0.3189,
0.3687

■ 15.6193, 0.2803,
0.1921

■ 68.4977, 0.3215,
0.3879

■ 12.6740, 0.2717,
0.1675

■ 79.3236, 0.3236,
0.4054

■ 10.3922, 0.2627,
0.1460

■ 87.5522, 0.3259,
0.4159

■ 8.7136, 0.2537,
0.1286

■ 88.4059, 0.3297,
0.4148

■ 7.5670, 0.2449,
0.1160

■ 89.2917, 0.3336,
0.4138

■ 6.9080, 0.2380,
0.1085

■ 90.2098, 0.3375,
0.4127

Harmonies

Analogous

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



35.0123, 0.2893, 0.2960



35.0123, 0.3073, 0.2996



35.0123, 0.3272, 0.3104

Triad

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



35.0123, 0.3073, 0.2996



35.0123, 0.3486, 0.3566



35.0123, 0.2826, 0.3309

Complementary

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



35.0123, 0.3073, 0.2996



41.1064, 0.3175, 0.3590

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.



35.0123, 0.2977, 0.3487



35.0123, 0.3073, 0.2996



35.0123, 0.3359, 0.3636

Square

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



35.0123, 0.3073, 0.2996



35.0123, 0.3515, 0.3428



35.0123, 0.3172, 0.3608



35.0123, 0.2754, 0.3133

Rectangle

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



35.0123, 0.3073, 0.2996



35.0123, 0.3389, 0.3205



35.0123, 0.3172, 0.3608



35.0123, 0.2869, 0.3371

Sweetspot

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



35.0138, 0.3073, 0.2996



73.2758, 0.3110, 0.3192



36.0740, 0.2944, 0.3093



15.6710, 0.3107, 0.3174



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.



35.0138, 0.3073, 0.2996



60.8005, 0.3061, 0.2936



35.6910, 0.3169, 0.3044



8.5009, 0.3086, 0.3062



5.1016, 0.2389, 0.1090



0.1909, 0.2625, 0.1220

Inverse Universe

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



35.2906, 0.3270, 0.3192



61.4032, 0.3302, 0.3172



40.4956, 0.3088, 0.3549



8.5508, 0.3236, 0.3214



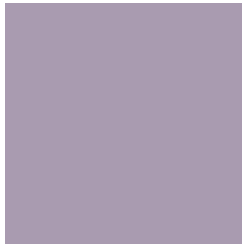
7.0148, 0.5594, 0.2856



0.2319, 0.4801, 0.2419

Previews

White Background



This preview shows how the Yxy color 35.0123, 0.3073, 0.2996 looks on a white background.

Color Contrast Check

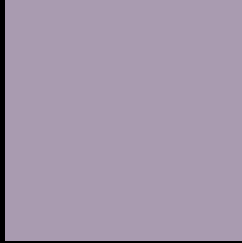
Large Text (above 18pt) WCAG AA × Fail

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 35.0123, 0.3073, 0.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

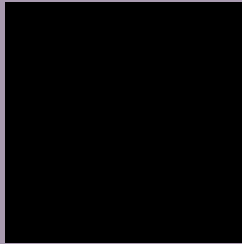
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0123, 0.3073, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 35.0123, 0.3073, 0.2996.



This preview shows how white text looks on a background with the Yxy color 35.0123, 0.3073, 0.2996.

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

35.0123, 0.3073, 0.2996

Protanopia

35.1787, 0.2945, 0.3017

Deuteranopia

34.9021, 0.3064, 0.2995



Tritanopia

34.9663, 0.3126, 0.3106

Trichromacy



Original Color

35.0123, 0.3073, 0.2996

Protanomaly

35.2051, 0.2989, 0.3019

Deuteranomaly

34.9021, 0.3064, 0.2995

Tritanomaly

35.0803, 0.3099, 0.3064

Monochromacy



Original Color

35.0123, 0.3073, 0.2996

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.5856, 0.3113, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0123, 0.3073, 0.2996 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(169, 155, 176)` looks like.

```
.text, #text, p{  
    color:rgb(169, 155, 176)  
}
```

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(169, 155, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 155, 176) }
```

Border

The CSS property to change the border of an element to Yxy 35.0123, 0.3073, 0.2996 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(169, 155, 176) }
```

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

```
.border{ border-color:rgb(169, 155, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 155, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 155, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 155, 176);  
box-shadow:4px 4px 4px 4px rgb(169, 155,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0123, 0.3073, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 155, 176) }
```

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

```
.background{ background-color: rgb(169,  
155, 176) }
```

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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