

Converting Colors

$Yxy(36.0975, 0.3078, 0.2924)$

Have a look what the booklet for
Yxy(36.0975, 0.3078, 0.2924)
contains.

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Color

Yxy(35.9340, 0.3077, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	AF9BB6
RGB	175, 155, 182
RGB Percent	69%, 61%, 71%
CMY	0.3138, 0.3921, 0.2862
CMYK	0.04, 0.15, 0.00, 0.29
HSL	284°, 16%, 66%
HSV	284°, 15%, 71%
XYZ	37.8401, 35.9340, 49.2033
YIQ	164.0580, 3.2530, 12.6370

Conversions

Conversions Part 2

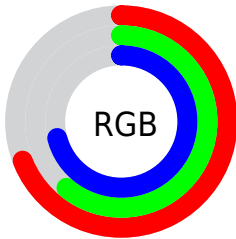
Format	Color
RYB	175, 155, 182
Decimal	11508662
CIELab	66.47, 12.35, -11.29
CIElCh	66, 16.734, 317.581
Yxy	35.9340, 0.3077, 0.2922
Android (android.graphics.Color)	4289698742 (0xFFAF9BB6)
YUV	164.0580, 8.8454, 9.5961
Hunter-Lab	59.9450, 7.7741, -6.7042

Details

The Yxy color **35.9340, 0.3077, 0.2922** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.5144, 0.3169, 0.3672**, and the grayscale version is **37.1090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7629, 0.3090, 0.2985**, and **15.6232, 0.3055, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **29.7871, 0.3035, 0.2660**, and if you desaturate by 10%, it is **43.0165, 0.3112, 0.3174**.

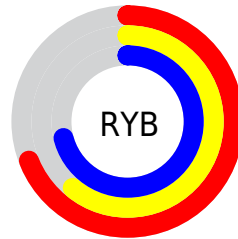
Distribution



Red (69%)

Green (61%)

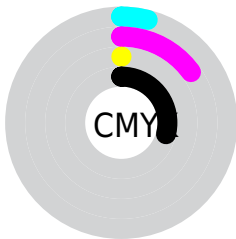
Blue (71%)



Red (69%)

Yellow (61%)

Blue (71%)

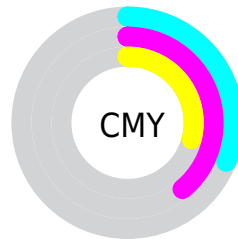


Cyan (4%)

Magenta (15%)

Yellow (0%)

Black (29%)



Cyan (31%)


Magenta (39%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9340, 0.3077, 0.2922 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 35.9340, 0.3077, 0.2922 by changing the saturation by 10% instead.


 35.9340, 0.3077,
0.2922


 35.9340, 0.3077,
0.2922


328.6720, 0.3105,
0.3109

 24.3832, 0.3069,
0.2874


 68.9302, 0.3088,
0.2991

 15.6181, 0.3058,
0.2812


 91.1444, 0.3092,
0.3016

 9.2544, 0.3043,
0.2729


117.6819, 0.3095,
0.3038

 4.9075, 0.3019,
0.2611

148.9270, 0.3098,
0.3056

 2.1931, 0.2978,
0.2431

185.2642, 0.3100,
0.3072

 0.7162, 0.2903,
0.2100

227.0778, 0.3102,

 0.0000, 0.0000,

0.3086

0.0000

274.7523, 0.3104,
0.3098

■ 35.9340, 0.3077,
0.2922

■ 35.9340, 0.3077,
0.2922

■ 29.7871, 0.3035,
0.2660

■ 43.0165, 0.3112,
0.3174

■ 24.5301, 0.2986,
0.2393

■ 51.0683, 0.3141,
0.3410

■ 20.1207, 0.2930,
0.2129

■ 60.1271, 0.3165,
0.3629

■ 16.5110, 0.2868,
0.1880

■ 70.2272, 0.3184,
0.3830

■ 13.6485, 0.2801,
0.1656

■ 81.4014, 0.3199,
0.4013

■ 11.4739, 0.2732,
0.1468

■ 87.6567, 0.3220,
0.4093

■ 9.9191, 0.2662,
0.1322

■ 88.3351, 0.3250,
0.4086

■ 8.9014, 0.2593,
0.1224

■ 89.0340, 0.3281,
0.4078

■ 8.4924, 0.2558,
0.1183

■ 89.7538, 0.3311,
0.4070

Harmonies

Analogous

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



35.9340, 0.2842, 0.2866



35.9340, 0.3077, 0.2922



35.9340, 0.3335, 0.3066

Triad

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



35.9340, 0.3077, 0.2922



35.9340, 0.3582, 0.3657



35.9340, 0.2727, 0.3292

Complementary

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



35.9340, 0.3077, 0.2922



43.5144, 0.3169, 0.3672

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.



35.9340, 0.2913, 0.3529



35.9340, 0.3077, 0.2922



35.9340, 0.3407, 0.3742

Square

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



35.9340, 0.3077, 0.2922



35.9340, 0.3634, 0.3481



35.9340, 0.3161, 0.3698



35.9340, 0.2646, 0.3067

Rectangle

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



35.9340, 0.3077, 0.2922



35.9340, 0.3483, 0.3196



35.9340, 0.3161, 0.3698



35.9340, 0.2779, 0.3374

Sweetspot

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



35.9355, 0.3077, 0.2922



79.0325, 0.3115, 0.3192



36.2632, 0.2896, 0.3007



17.2267, 0.3112, 0.3174



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.9355, 0.3077, 0.2922



61.0854, 0.3063, 0.2832



36.5165, 0.3202, 0.3011



9.0418, 0.3097, 0.3062



6.0298, 0.2566, 0.1187



0.2407, 0.2740, 0.1283

Inverse Universe

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



36.0038, 0.3331, 0.3194



61.2568, 0.3388, 0.3170



43.0147, 0.3060, 0.3586



9.0496, 0.3248, 0.3231



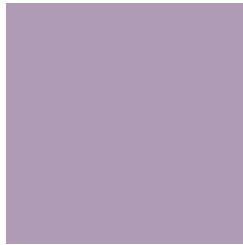
7.1801, 0.5864, 0.3004



0.2636, 0.5114, 0.2591

Previews

White Background



This preview shows how the Yxy color 35.9340, 0.3077, 0.2922 looks on a white background.

Color Contrast Check

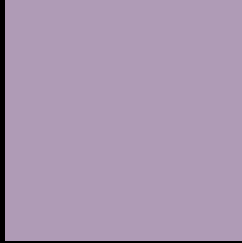
Large Text (above 18pt) WCAG AA × Fail

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 35.9340, 0.3077, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

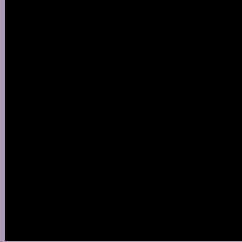
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9340, 0.3077, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 35.9340, 0.3077, 0.2922.



This preview shows how white text looks on a background with the Yxy color 35.9340, 0.3077, 0.2922.

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

35.9340, 0.3077, 0.2922

Protanopia

35.8549, 0.2880, 0.2922

Deuteranopia

35.8162, 0.3011, 0.2943



Tritanopia

35.8628, 0.3174, 0.3123

Trichromacy



Original Color

35.9340, 0.3077, 0.2922

Protanomaly

35.8490, 0.2950, 0.2913

Deuteranomaly

35.8123, 0.3039, 0.2932

Tritanomaly

35.8316, 0.3139, 0.3041

Monochromacy



Original Color

35.9340, 0.3077, 0.2922

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.7548, 0.3105, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9340, 0.3077, 0.2922 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(175, 155, 182)` looks like.

```
.text, #text, p{  
    color:rgb(175, 155, 182)  
}
```

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(175, 155, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 155, 182) }
```

Border

The CSS property to change the border of an element to Yxy 35.9340, 0.3077, 0.2922 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(175, 155, 182) }
```

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

```
.border{ border-color:rgb(175, 155, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 155, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 155, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 155, 182);  
box-shadow:4px 4px 4px 4px rgb(175, 155,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9340, 0.3077, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 155, 182) }
```

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

```
.background{ background-color: rgb(175,  
155, 182) }
```

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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