

Converting Colors

$Yxy(35.4146, 0.3026, 0.2938)$

Have a look what the booklet for
Yxy(35.4146, 0.3026, 0.2938)
contains.

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Color

Yxy(35.5481, 0.3029, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	A99CB5
RGB	169, 156, 181
RGB Percent	66%, 61%, 71%
CMY	0.3374, 0.3882, 0.2902
CMYK	0.07, 0.14, 0.00, 0.29
HSL	271°, 14%, 66%
HSV	271°, 14%, 71%
XYZ	36.5869, 35.5481, 48.6537
YIQ	162.7370, -0.2770, 10.5310

Conversions

Conversions Part 2

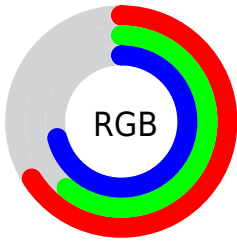
Format	Color
R_{YB}	169, 156, 181
Decimal	11115701
CIE Lab	66.17, 9.52, -11.22
CIE LCh	66, 14.721, 310.314
Yxy	35.5481, 0.3029, 0.2943
Android (android.graphics.Color)	4289305781 (0xFFA99CB5)
YUV	162.7370, 9.0037, 5.4927
Hunter-Lab	59.6222, 5.1967, -6.6470

Details

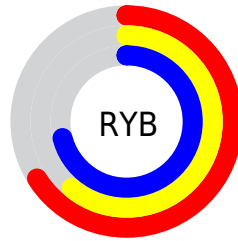
The Yxy color **35.5481, 0.3029, 0.2943** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.7828, 0.3215, 0.3638**, and the grayscale version is **36.4516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0549, 0.3046, 0.3001**, and **15.4436, 0.3000, 0.2846** is the 20% darker color. If you saturate the color by 10%, you get **28.9880, 0.2944, 0.2670**, and if you desaturate by 10%, it is **43.0808, 0.3102, 0.3198**.

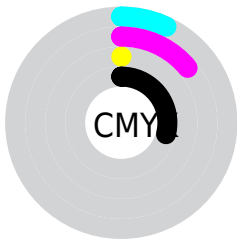
Distribution



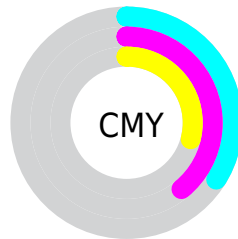
- Red (66%)
- Green (61%)
- Blue (71%)



- Red (66%)
- Yellow (61%)
- Blue (71%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)





- Cyan (34%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5481, 0.3029, 0.2943 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 35.5481, 0.3029, 0.2943 by changing the saturation by 10% instead.


 35.5481, 0.3029,
0.2943


 35.5481, 0.3029,
0.2943


326.9810, 0.3082,
0.3121

 24.0854, 0.3015,
0.2897


 68.3340, 0.3049,
0.3008

 15.3970, 0.2996,
0.2838


 90.4260, 0.3056,
0.3033

 9.0985, 0.2969,
0.2758


116.8298, 0.3062,
0.3053

 4.8055, 0.2929,
0.2644

147.9299, 0.3067,
0.3071

 2.1336, 0.2862,
0.2468

184.1107, 0.3072,
0.3086

 0.6834, 0.2748,
0.2127

225.7566, 0.3075,

 0.0000, 0.0000,

0.3099

0.0000

273.2519, 0.3079,
0.3110

■ 35.5481, 0.3029,
0.2943

■ 35.5481, 0.3029,
0.2943

■ 28.9880, 0.2944,
0.2670

■ 43.0808, 0.3102,
0.3198

■ 23.3547, 0.2846,
0.2383

■ 51.6203, 0.3164,
0.3433

■ 18.6058, 0.2737,
0.2091

■ 61.2044, 0.3216,
0.3645

■ 14.6932, 0.2618,
0.1804

■ 71.8679, 0.3260,
0.3837

■ 11.5645, 0.2493,
0.1536

■ 83.6438, 0.3296,
0.4009

■ 9.1610, 0.2366,
0.1301

■ 90.2723, 0.3341,
0.4075

■ 7.4152, 0.2242,
0.1111

■ 91.6788, 0.3399,
0.4060

■ 6.2462, 0.2127,
0.0975

■ 93.1574, 0.3457,
0.4046

■ 5.7074, 0.2061,
0.0909

■ 94.7091, 0.3516,
0.4031

Harmonies

Analogous

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



35.5481, 0.2833, 0.2916



35.5481, 0.3029, 0.2943



35.5481, 0.3258, 0.3055

Triad

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



35.5481, 0.3029, 0.2943



35.5481, 0.3551, 0.3584



35.5481, 0.2805, 0.3345

Complementary

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



35.5481, 0.3029, 0.2943



43.7828, 0.3215, 0.3638

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.



35.5481, 0.2988, 0.3544



35.5481, 0.3029, 0.2943



35.5481, 0.3420, 0.3680

Square

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



35.5481, 0.3029, 0.2943



35.5481, 0.3565, 0.3416



35.5481, 0.3213, 0.3669



35.5481, 0.2708, 0.3138

Rectangle

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



35.5481, 0.3029, 0.2943



35.5481, 0.3398, 0.3164



35.5481, 0.3213, 0.3669



35.5481, 0.2858, 0.3416

Sweetspot

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



35.5496, 0.3029, 0.2943



76.7787, 0.3101, 0.3192



38.4460, 0.2915, 0.3106



16.3648, 0.3095, 0.3174



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.5496, 0.3029, 0.2943



59.3855, 0.3001, 0.2850



36.9257, 0.3147, 0.2960



8.4395, 0.3063, 0.3060



3.9756, 0.2074, 0.0916



0.1596, 0.2381, 0.1085

Inverse Universe

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



36.4352, 0.3262, 0.3126



61.3494, 0.3302, 0.3083



42.5356, 0.3107, 0.3643



8.5712, 0.3214, 0.3181



7.2625, 0.5005, 0.2531



0.2403, 0.4378, 0.2185

Previews

White Background



This preview shows how the Yxy color 35.5481, 0.3029, 0.2943 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 35.5481, 0.3029, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

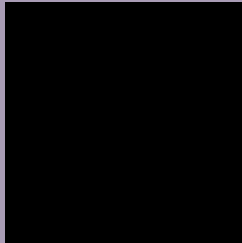
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5481, 0.3029, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 35.5481, 0.3029, 0.2943.



This preview shows how white text looks on a background with the Yxy color 35.5481, 0.3029, 0.2943.

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

35.5481, 0.3029, 0.2943

Protanopia

35.7286, 0.2904, 0.2963

Deuteranopia

35.6656, 0.3011, 0.2955



Tritanopia

35.5715, 0.3106, 0.3120

Trichromacy



Original Color

35.5481, 0.3029, 0.2943

Protanomaly

35.7507, 0.2948, 0.2965

Deuteranomaly

35.7750, 0.3020, 0.2956

Tritanomaly

35.4948, 0.3081, 0.3051

Monochromacy



Original Color

35.5481, 0.3029, 0.2943

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0432, 0.3086, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5481, 0.3029, 0.2943 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, 156, 181)` looks like.

```
.text, #text, p{  
    color:rgb(169, 156, 181)  
}
```

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, 156, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 156, 181) }
```

Border

The CSS property to change the border of an element to Yxy 35.5481, 0.3029, 0.2943 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, 156, 181) }
```

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

```
.border{ border-color:rgb(169, 156, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 156, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 156, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 156, 181);  
box-shadow:4px 4px 4px 4px rgb(169, 156,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5481, 0.3029, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 156, 181) }
```

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

```
.background{ background-color: rgb(169,  
156, 181) }
```

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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