

Converting Colors

$Yxy(44.7808, 0.2985, 0.3075)$

Have a look what the booklet for
Yxy(44.7808, 0.2985, 0.3075)
contains.

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Color

Yxy(44.9659, 0.2985, 0.3081)

Conversions

Conversions Part 1

Format	Color
Hex	B0B2C2
RGB	176, 178, 194
RGB Percent	69%, 70%, 76%
CMY	0.3097, 0.3020, 0.2393
CMYK	0.09, 0.08, 0.00, 0.24
HSL	233°, 13%, 73%
HSV	233°, 9%, 76%
XYZ	43.5648, 44.9659, 57.4151
YIQ	179.2260, -6.3280, 4.5520

Conversions

Conversions Part 2

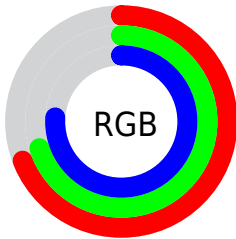
Format	Color
RYB	176, 178, 194
Decimal	11580098
CIELab	72.87, 2.45, -8.36
CIELCh	73, 8.708, 286.356
Yxy	44.9659, 0.2985, 0.3081
Android (android.graphics.Color)	4289770178 (0xFFB0B2C2)
YUV	179.2260, 7.2836, -2.8292
Hunter-Lab	67.0566, -1.3826, -3.8255

Details

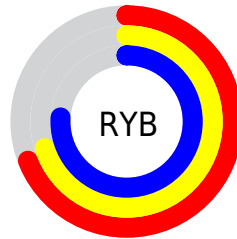
The Yxy color $44.9659, 0.2985, 0.3081$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.3078, 0.3266, 0.3491$, and the grayscale version is $45.1712, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.9036, 0.3016, 0.3127$, and $20.7716, 0.2943, 0.3021$ is the 20% darker color. If you saturate the color by 10%, you get $36.4222, 0.2815, 0.2827$, and if you desaturate by 10%, it is $54.7011, 0.3138, 0.3306$.

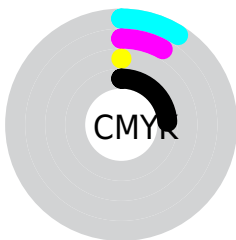
Distribution



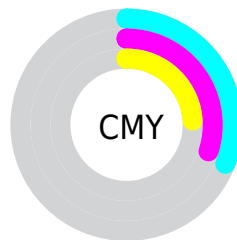
- Red (69%)
- Green (70%)
- Blue (76%)



- Red (69%)
- Yellow (70%)
- Blue (76%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9659, 0.2985, 0.3081 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 44.9659, 0.2985, 0.3081 by changing the saturation by 10% instead.

■ 44.9659, 0.2985,
0.3081

■ 44.9659, 0.2985,
0.3081

366.6354, 0.3057,
0.3185

■ 31.4306, 0.2967,
0.3055

■ 82.6692, 0.3011,
0.3119

■ 20.9269, 0.2944,
0.3022

107.6060, 0.3021,
0.3133

■ 13.0706, 0.2913,
0.2977

137.1121, 0.3029,
0.3145

■ 7.4772, 0.2869,
0.2915

171.5719, 0.3036,
0.3156

■ 3.7623, 0.2803,
0.2823

211.3697, 0.3042,
0.3164

■ 1.5415, 0.2693,
0.2672

256.8899, 0.3048,

■ 0.3177, 0.2248,

0.3172

0.1974

308.5171, 0.3052,
0.3179

0.0000, 0.0000,
0.0000

44.9659, 0.2985,
0.3081

44.9659, 0.2985,
0.3081

36.4222, 0.2815,
0.2827

54.7011, 0.3138,
0.3306

29.0187, 0.2629,
0.2544

65.6654, 0.3273,
0.3502

22.7088, 0.2431,
0.2237

77.9015, 0.3393,
0.3672

17.4403, 0.2228,
0.1915

91.4485, 0.3497,
0.3819

13.1569, 0.2029,
0.1593

96.6746, 0.3490,
0.3890

■ 9.7970, 0.1848,
0.1288

■ 7.2916, 0.1699,
0.1024

■ 5.5622, 0.1590,
0.0819

■ 4.5018, 0.1525,
0.0683

Harmonies

Analogous

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



44.9659, 0.2909, 0.3111



44.9659, 0.2985, 0.3081



44.9659, 0.3100, 0.3105

Triad

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



44.9659, 0.2985, 0.3081



44.9659, 0.3369, 0.3383



44.9659, 0.3029, 0.3408

Complementary

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



44.9659, 0.2985, 0.3081



52.3078, 0.3266, 0.3491

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.



44.9659, 0.3151, 0.3484



44.9659, 0.2985, 0.3081



44.9659, 0.3349, 0.3467

Square

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



44.9659, 0.2985, 0.3081



44.9659, 0.3323, 0.3277



44.9659, 0.3268, 0.3506



44.9659, 0.2935, 0.3299

Rectangle

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



44.9659, 0.2985, 0.3081



44.9659, 0.3183, 0.3149



44.9659, 0.3268, 0.3506



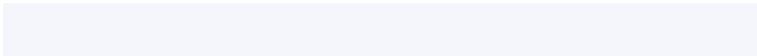
44.9659, 0.3068, 0.3438

Sweetspot

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



44.9678, 0.2985, 0.3081



92.1824, 0.3082, 0.3224



51.6125, 0.3001, 0.3317



19.8685, 0.3070, 0.3206



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.



44.9678, 0.2985, 0.3081



78.3552, 0.2954, 0.3035



45.0100, 0.3043, 0.3059



9.9225, 0.2983, 0.3079



2.9832, 0.1525, 0.0688



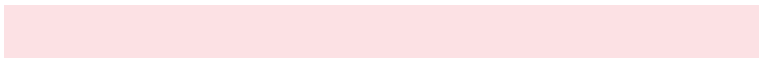
0.1898, 0.1600, 0.0961

Inverse Universe

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



45.7415, 0.3270, 0.3265



80.0442, 0.3303, 0.3260



52.2919, 0.3206, 0.3519



10.0955, 0.3272, 0.3265



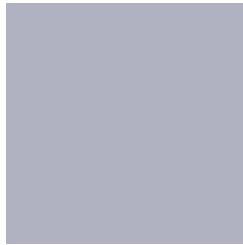
7.5834, 0.6253, 0.3218



0.3338, 0.5818, 0.2979

Previews

White Background



This preview shows how the Yxy color 44.9659, 0.2985, 0.3081 looks on a white background.

Color Contrast Check

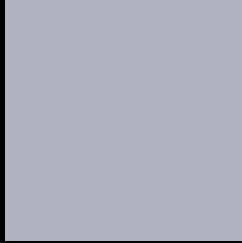
Large Text (above 18pt) WCAG AA × Fail

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 44.9659, 0.2985, 0.3081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

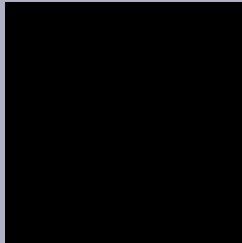
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

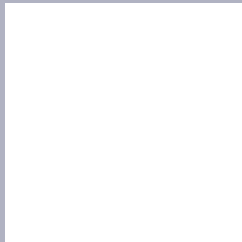
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9659, 0.2985, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 44.9659, 0.2985, 0.3081.

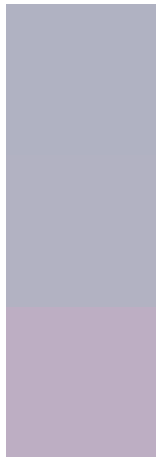


This preview shows how white text looks on a background with the Yxy color 44.9659, 0.2985, 0.3081.

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

44.9659, 0.2985, 0.3081

Protanopia

45.2008, 0.3001, 0.3082

Deuteranopia

45.0311, 0.3087, 0.3024



Tritanopia

44.8767, 0.3000, 0.3106

Trichromacy



Original Color

44.9659, 0.2985, 0.3081

Protanomaly

45.0829, 0.2993, 0.3081

Deuteranomaly

44.7904, 0.3044, 0.3034

Tritanomaly

44.9212, 0.2992, 0.3094

Monochromacy



Original Color

44.9659, 0.2985, 0.3081

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.1659, 0.3079, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9659, 0.2985, 0.3081 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(176, 178, 194)` looks like.

```
.text, #text, p{  
    color:rgb(176, 178, 194)  
}
```

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(176, 178, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 178, 194) }
```

Border

The CSS property to change the border of an element to Yxy 44.9659, 0.2985, 0.3081 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(176, 178, 194) }
```

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

```
.border{ border-color:rgb(176, 178, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 178, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 178, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 178, 194);  
box-shadow:4px 4px 4px 4px rgb(176, 178,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9659, 0.2985, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 178, 194) }
```

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

```
.background{ background-color: rgb(176,  
178, 194) }
```

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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