

# Converting Colors

Yxy(71.0680, 0.3058, 0.3261)

Have a look what the booklet for  
Yxy(71.0680, 0.3058, 0.3261)  
contains.

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# Color

**Yxy(71.1867, 0.3058, 0.3268)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5DDDF
RGB	213, 221, 223
RGB Percent	84%, 87%, 87%
CMY	0.1647, 0.1333, 0.1255
CMYK	0.04, 0.01, 0.00, 0.13
HSL	192°, 14%, 85%
HSV	192°, 4%, 87%
XYZ	66.6123, 71.1867, 80.0306
YIQ	218.8360, -5.4100, -1.0740

# Conversions

## Conversions Part 2

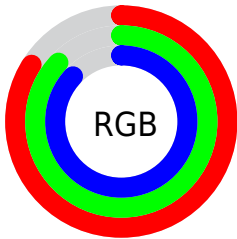
Format	Color
R <sub>Y</sub> B	213, 217, 223
Decimal	14015967
CIE Lab	87.58, -2.32, -1.91
CIE LCh	88, 3.007, 219.559
Yxy	71.1867, 0.3058, 0.3268
Android (android.graphics.Color)	4292206047 (0xFFD5DDDF)
YUV	218.8360, 2.0529, -5.1182
Hunter-Lab	84.3722, -6.7247, 2.8215

# Details

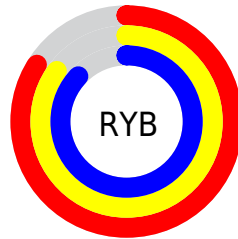
The Yxy color **71.1867, 0.3058, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0735, 0.3199, 0.3312**, and the grayscale version is **70.7074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3687, 0.3037, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **65.7835, 0.2905, 0.3215**, and if you desaturate by 10%, it is **77.1155, 0.3212, 0.3316**.

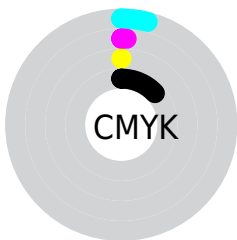
# Distribution



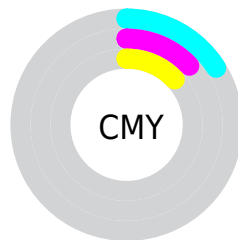
- Red (84%)
- Green (87%)
- Blue (87%)



- Red (84%)
- Yellow (85%)
- Blue (87%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1867, 0.3058, 0.3268 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 71.1867, 0.3058, 0.3268 by changing the saturation by 10% instead.



■ 71.1867, 0.3058,  
0.3268

■ 71.1867, 0.3058,  
0.3268

464.7058, 0.3090,  
0.3278

■ 52.4946, 0.3051,  
0.3266

120.8995, 0.3069,  
0.3272

■ 37.3994, 0.3042,  
0.3263

152.6890, 0.3074,  
0.3273

■ 25.5169, 0.3030,  
0.3259

189.6131, 0.3077,  
0.3274

■ 16.4626, 0.3015,  
0.3254

232.0561, 0.3080,  
0.3275

■ 9.8521, 0.2994,  
0.3247

280.4025, 0.3083,  
0.3276

■ 5.3010, 0.2964,  
0.3236

335.0367, 0.3086,

■ 2.4249, 0.2915,

0.3277

396.3430, 0.3088,  
0.3278

0.3220

0.8387, 0.2817,  
0.3191

0.0000, 0.0000,  
0.0000

71.1867, 0.3058,  
0.3268

71.1867, 0.3058,  
0.3268

65.7835, 0.2905,  
0.3215

77.1155, 0.3212,  
0.3316

60.8779, 0.2757,  
0.3158

83.0847, 0.3348,  
0.3359

56.4525, 0.2616,  
0.3096

85.5675, 0.3342,  
0.3402

52.4854, 0.2485,  
0.3030

88.1127, 0.3336,  
0.3445

■ 48.9530, 0.2369,  
0.2962

■ 90.7209, 0.3331,  
0.3488

■ 45.8291, 0.2269,  
0.2890

■ 93.3925, 0.3325,  
0.3530

■ 43.0843, 0.2188,  
0.2818

■ 96.1279, 0.3319,  
0.3572

■ 40.6847, 0.2126,  
0.2746

■ 98.1070, 0.3316,  
0.3602

■ 38.5888, 0.2083,  
0.2674

# Harmonies

## Analogous

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



71.1867, 0.3075, 0.3301



71.1867, 0.3058, 0.3268



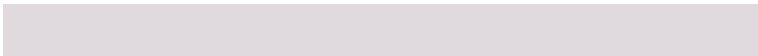
71.1867, 0.3059, 0.3242

# Triad

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



71.1867, 0.3058, 0.3268



71.1867, 0.3148, 0.3250



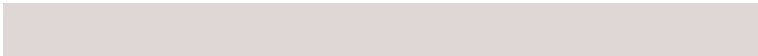
71.1867, 0.3176, 0.3353

# Complementary

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



71.1867, 0.3058, 0.3268



69.0735, 0.3199, 0.3312

# 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.



71.1867, 0.3196, 0.3339



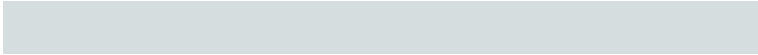
71.1867, 0.3058, 0.3268



71.1867, 0.3180, 0.3279

# Square

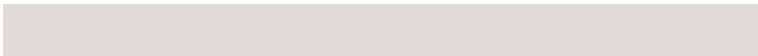
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1867, 0.3058, 0.3268



71.1867, 0.3111, 0.3231



71.1867, 0.3197, 0.3312



71.1867, 0.3143, 0.3350

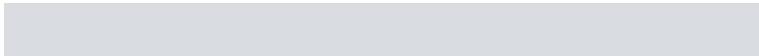


# Rectangle

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



71.1867, 0.3058, 0.3268



71.1867, 0.3070, 0.3231



71.1867, 0.3197, 0.3312



71.1867, 0.3184, 0.3350

# Sweetspot

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



71.1897, 0.3058, 0.3268



99.1983, 0.3112, 0.3285



71.8098, 0.3110, 0.3380



21.2410, 0.3112, 0.3285



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

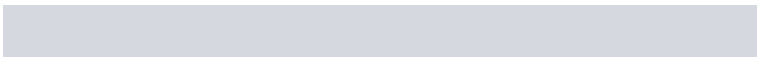
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1897, 0.3058, 0.3268



96.0636, 0.3049, 0.3265



68.6634, 0.3059, 0.3214



15.5463, 0.3040, 0.3262



22.2296, 0.2068, 0.2645



1.6597, 0.2099, 0.2756



# Inverse Universe

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



68.4906, 0.3146, 0.3203



91.9719, 0.3148, 0.3192



71.5818, 0.3196, 0.3365



14.8014, 0.3151, 0.3179



11.1521, 0.3780, 0.1856

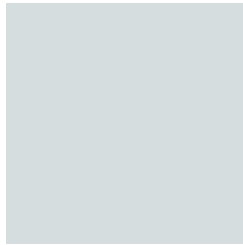


0.7850, 0.3676, 0.1799



# Previews

## White Background



This preview shows how the Yxy color 71.1867, 0.3058, 0.3268 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

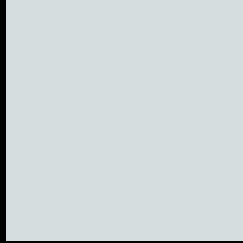
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 71.1867, 0.3058, 0.3268 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

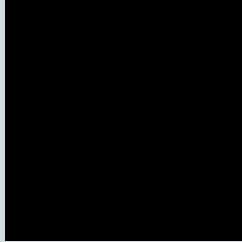
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

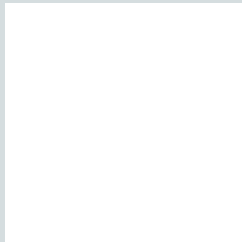
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 71.1867, 0.3058, 0.3268**

## **Background**



This preview shows how black text looks on a background with the Yxy color 71.1867, 0.3058, 0.3268.

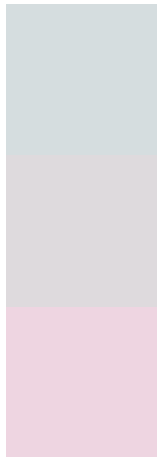


This preview shows how white text looks on a background with the Yxy color 71.1867, 0.3058, 0.3268.

# 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

71.1867, 0.3058, 0.3268

### Protanopia

70.8929, 0.3136, 0.3257

### Deuteranopia

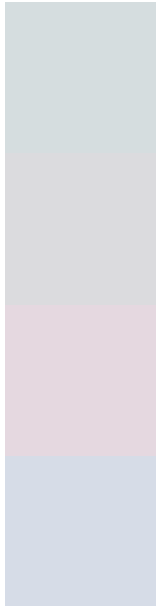
71.2019, 0.3229, 0.3165



## Tritanopia

71.1662, 0.2989, 0.3106

# Trichromacy



## Original Color

71.1867, 0.3058, 0.3268

## Protanomaly

70.9970, 0.3107, 0.3257

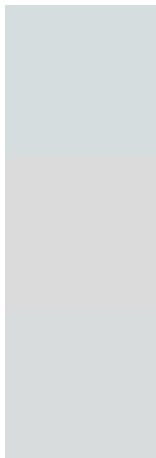
## Deuteranomaly

71.1516, 0.3167, 0.3205

## Tritanomaly

71.2521, 0.3014, 0.3170

# Monochromacy



## Original Color

71.1867, 0.3058, 0.3268

## Achromatopsia

70.8376, 0.3127, 0.3290

## Achromatomaly

71.1054, 0.3106, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 71.1867, 0.3058, 0.3268 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(213, 221, 223)` looks like.

```
.text, #text, p{  
    color:rgb(213, 221, 223)  
}
```

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(213, 221, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 221, 223) }
```

## Border

The CSS property to change the border of an element to Yxy 71.1867, 0.3058, 0.3268 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(213, 221, 223) }
```

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

```
.border{ border-color:rgb(213, 221, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 221, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 221, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 221, 223);  
box-shadow:4px 4px 4px 4px rgb(213, 221,  
223) }
```



# Background

The CSS property to change the background color of an element to Yxy 71.1867, 0.3058, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 221, 223) }
```

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

```
.background{ background-color: rgb(213,  
221, 223) }
```

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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