

# Converting Colors

Yxy(61.7262, 0.3005, 0.3241)

Have a look what the booklet for  
Yxy(61.7262, 0.3005, 0.3241)  
contains.

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# Color

**Yxy(61.6010, 0.3011, 0.3243)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4D0D4
RGB	196, 208, 212
RGB Percent	77%, 82%, 83%
CMY	0.2316, 0.1842, 0.1687
CMYK	0.08, 0.02, 0.00, 0.17
HSL	195°, 16%, 80%
HSV	195°, 8%, 83%
XYZ	57.1941, 61.6010, 71.1555
YIQ	204.8680, -8.4360, -1.3000

# Conversions

## Conversions Part 2

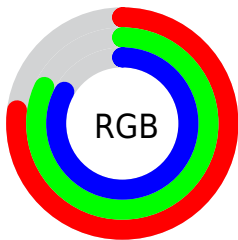
Format	Color
<b>RYB</b>	196, 203, 212
Decimal	12898516
CIELab	82.70, -3.31, -3.38
CIELCh	83, 4.734, 225.646
Yxy	61.6010, 0.3011, 0.3243
Android (android.graphics.Color)	4291088596 (0xFFC4D0D4)
YUV	204.8680, 3.5161, -7.7772
Hunter-Lab	78.4863, -7.2754, 1.1882

# Details

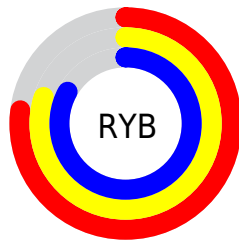
The Yxy color **61.6010, 0.3011, 0.3243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2528, 0.3252, 0.3337**, and the grayscale version is **60.9401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **31.2963, 0.2984, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **56.4417, 0.2858, 0.3175**, and if you desaturate by 10%, it is **67.2518, 0.3164, 0.3304**.

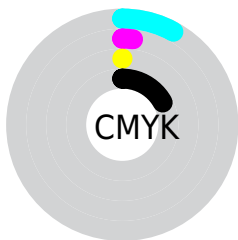
# Distribution



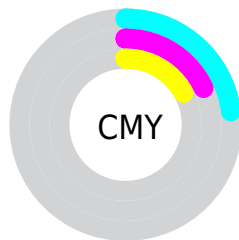
- Red (77%)
- Green (82%)
- Blue (83%)



- Red (77%)
- Yellow (80%)
- Blue (83%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (18%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6010, 0.3011, 0.3243 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 61.6010, 0.3011, 0.3243 by changing the saturation by 10% instead.



■ 61.6010, 0.3011,  
0.3243

■ 61.6010, 0.3011,  
0.3243

430.4742, 0.3066,  
0.3266

■ 44.7104, 0.2998,  
0.3238

107.1487, 0.3030,  
0.3251

■ 31.2294, 0.2982,  
0.3231

136.5745, 0.3038,  
0.3254

■ 20.7736, 0.2961,  
0.3222

170.9475, 0.3044,  
0.3257

■ 12.9586, 0.2933,  
0.3210

210.6521, 0.3050,  
0.3259

■ 7.4000, 0.2893,  
0.3193

256.0727, 0.3055,  
0.3261

■ 3.7135, 0.2834,  
0.3166

307.5936, 0.3059,

■ 1.5146, 0.2735,

0.3263

0.3121

365.5993, 0.3063,  
0.3264

0.2990, 0.1911,  
0.2809

0.0000, 0.0000,  
0.0000

61.6010, 0.3011,  
0.3243

61.6010, 0.3011,  
0.3243

56.4417, 0.2858,  
0.3175

67.2518, 0.3164,  
0.3304

51.7486, 0.2710,  
0.3102

73.4030, 0.3317,  
0.3359

47.5056, 0.2568,  
0.3022

79.1993, 0.3432,  
0.3410

43.6924, 0.2436,  
0.2938

82.0609, 0.3423,  
0.3462

■ 40.2870, 0.2318,  
0.2849

■ 85.0104, 0.3415,  
0.3513

■ 37.2653, 0.2217,  
0.2758

■ 88.0484, 0.3406,  
0.3564

■ 34.5997, 0.2134,  
0.2666

■ 91.1758, 0.3398,  
0.3615

■ 32.2583, 0.2071,  
0.2573

■ 94.3933, 0.3389,  
0.3664

■ 30.1971, 0.2026,  
0.2482

■ 97.5330, 0.3382,  
0.3711

# Harmonies

## Analogous

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



61.6010, 0.3033, 0.3296



61.6010, 0.3011, 0.3243



61.6010, 0.3019, 0.3203

# Triad

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



61.6010, 0.3011, 0.3243



61.6010, 0.3173, 0.3233



61.6010, 0.3198, 0.3395

# Complementary

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



61.6010, 0.3011, 0.3243



59.2528, 0.3252, 0.3337

# 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.



61.6010, 0.3236, 0.3377



61.6010, 0.3011, 0.3243



61.6010, 0.3222, 0.3283

# Square

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



61.6010, 0.3011, 0.3243



61.6010, 0.3113, 0.3198



61.6010, 0.3245, 0.3336



61.6010, 0.3141, 0.3385

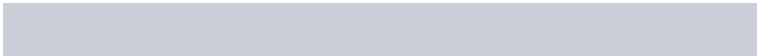


# Rectangle

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



61.6010, 0.3011, 0.3243



61.6010, 0.3041, 0.3189



61.6010, 0.3245, 0.3336



61.6010, 0.3213, 0.3392

# Sweetspot

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



61.6036, 0.3011, 0.3243



98.2424, 0.3096, 0.3278



62.9675, 0.3093, 0.3436



21.0464, 0.3098, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

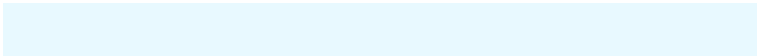


# Same Dimension

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



61.6036, 0.3011, 0.3243



92.3316, 0.2988, 0.3233



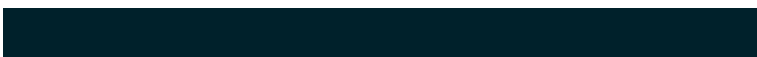
57.8979, 0.3011, 0.3150



13.5627, 0.2982, 0.3231



18.5149, 0.2020, 0.2473



1.2435, 0.2064, 0.2631



# Inverse Universe

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



58.0097, 0.3165, 0.3151



85.8607, 0.3173, 0.3122



62.9513, 0.3243, 0.3426



12.5777, 0.3175, 0.3116



10.2139, 0.3949, 0.1949

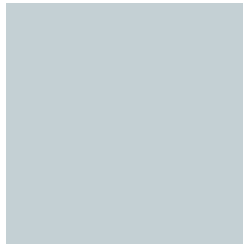


0.6289, 0.3795, 0.1864



# Previews

## White Background



This preview shows how the Yxy color 61.6010, 0.3011, 0.3243 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

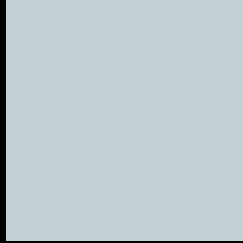
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.6010, 0.3011, 0.3243 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

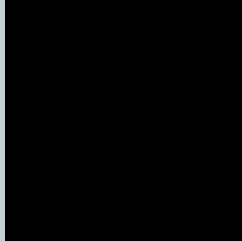
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

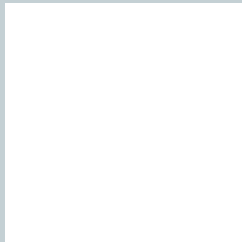
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.6010, 0.3011, 0.3243**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.6010, 0.3011, 0.3243.



This preview shows how white text looks on a background with the Yxy color 61.6010, 0.3011, 0.3243.

# 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

61.6010, 0.3011, 0.3243

### Protanopia

61.7257, 0.3115, 0.3232

### Deuteranopia

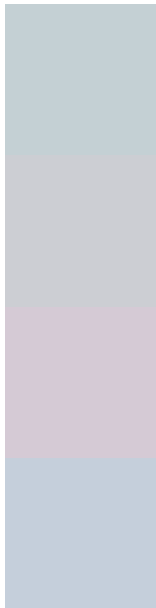
61.2315, 0.3197, 0.3123



## Tritanopia

61.4761, 0.2953, 0.3093

# Trichromacy



## Original Color

61.6010, 0.3011, 0.3243

## Protanomaly

61.6831, 0.3077, 0.3232

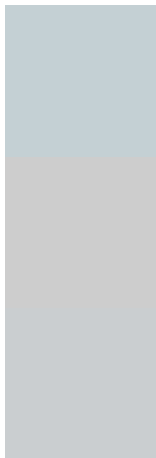
## Deuteranomaly

61.1913, 0.3133, 0.3165

## Tritanomaly

61.6104, 0.2972, 0.3150

# Monochromacy



## Original Color

61.6010, 0.3011, 0.3243

## Achromatopsia

61.0496, 0.3127, 0.3290

## Achromatomaly

61.2532, 0.3083, 0.3267

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.6010, 0.3011, 0.3243 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(196, 208, 212)` looks like.

```
.text, #text, p{  
    color:rgb(196, 208, 212)  
}
```

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(196, 208, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 208, 212) }
```

## Border

The CSS property to change the border of an element to Yxy 61.6010, 0.3011, 0.3243 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(196, 208, 212) }
```

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

```
.border{ border-color:rgb(196, 208, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 208, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 208, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 208, 212);  
box-shadow:4px 4px 4px 4px rgb(196, 208,  
212) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.6010, 0.3011, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 208, 212) }
```

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

```
.background{ background-color: rgb(196,  
208, 212) }
```

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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