

# Converting Colors

$Yxy(61.5790, 0.3074, 0.3232)$

Have a look what the booklet for  
Yxy(61.5790, 0.3074, 0.3232)  
contains.

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# Color

**Yxy(61.5423, 0.3070, 0.3232)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBCED3
RGB	203, 206, 211
RGB Percent	80%, 81%, 83%
CMY	0.2039, 0.1921, 0.1726
CMYK	0.04, 0.02, 0.00, 0.17
HSL	217°, 8%, 81%
HSV	217°, 4%, 83%
XYZ	58.4576, 61.5423, 70.4157
YIQ	205.6730, -3.3930, 0.9190

# Conversions

## Conversions Part 2

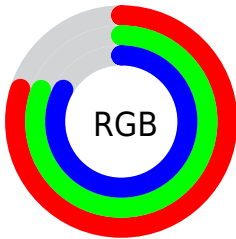
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 205, 211
Decimal	13356755
CIE Lab	82.67, -0.09, -2.84
CIE LCh	83, 2.837, 268.211
Yxy	61.5423, 0.3070, 0.3232
Android (android.graphics.Color)	4291546835 (0xFFCBCED3)
YUV	205.6730, 2.6262, -2.3442
Hunter-Lab	78.4489, -4.2732, 1.6956

# Details

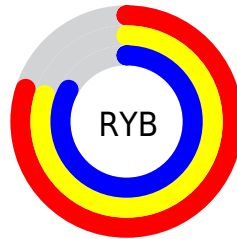
The Yxy color **61.5423, 0.3070, 0.3232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2656, 0.3185, 0.3347**, and the grayscale version is **61.4877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.2804, 0.3051, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **52.7016, 0.2912, 0.3066**, and if you desaturate by 10%, it is **71.3230, 0.3218, 0.3380**.

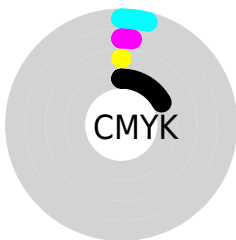
# Distribution



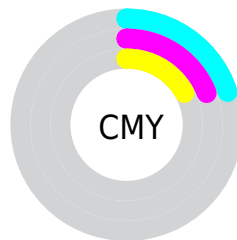
- Red (80%)
- Green (81%)
- Blue (83%)



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



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (19%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5423, 0.3070, 0.3232 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 61.5423, 0.3070, 0.3232 by changing the saturation by 10% instead.



■ 61.5423, 0.3070,  
0.3232

■ 61.5423, 0.3070,  
0.3232

430.2596, 0.3097,  
0.3260

■ 44.6630, 0.3064,  
0.3225

107.0638, 0.3080,  
0.3242

■ 31.1920, 0.3055,  
0.3217

136.4747, 0.3083,  
0.3246

■ 20.7451, 0.3045,  
0.3207

170.8316, 0.3086,  
0.3249

■ 12.9378, 0.3031,  
0.3192

210.5188, 0.3089,  
0.3252

■ 7.3857, 0.3011,  
0.3172

255.9209, 0.3092,  
0.3254

■ 3.7045, 0.2982,  
0.3142

307.4221, 0.3094,

■ 1.5097, 0.2931,

0.3256

0.3091

365.4069, 0.3096,  
0.3258

■ 0.2955, 0.2547,  
0.2701

■ 0.0000, 0.0000,  
0.0000

■ 61.5423, 0.3070,  
0.3232

■ 61.5423, 0.3070,  
0.3232

■ 52.7016, 0.2912,  
0.3066

■ 71.3230, 0.3218,  
0.3380

■ 44.7640, 0.2745,  
0.2880

■ 82.0637, 0.3355,  
0.3510

■ 37.7013, 0.2572,  
0.2675

■ 91.5862, 0.3403,  
0.3632

■ 31.4809, 0.2397,  
0.2454

■ 97.4824, 0.3388,  
0.3721

■ 26.0679, 0.2225,  
0.2219

■ 21.4248, 0.2063,  
0.1977

■ 17.5104, 0.1918,  
0.1737

■ 14.2787, 0.1797,  
0.1506

■ 11.6767, 0.1705,  
0.1296

# Harmonies

## Analogous

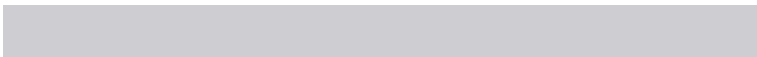
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.5423, 0.3057, 0.3251



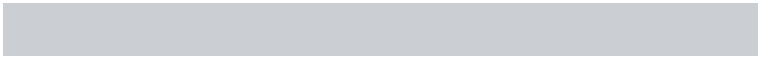
61.5423, 0.3070, 0.3232



61.5423, 0.3098, 0.3229

# Triad

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



61.5423, 0.3070, 0.3232



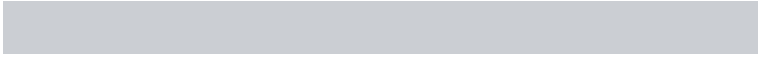
61.5423, 0.3192, 0.3300



61.5423, 0.3120, 0.3339

# Complementary

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



61.5423, 0.3070, 0.3232



63.2656, 0.3185, 0.3347

# 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.



61.5423, 0.3156, 0.3352



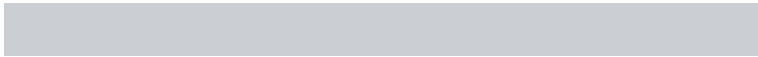
61.5423, 0.3070, 0.3232



61.5423, 0.3198, 0.3329

# Square

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



61.5423, 0.3070, 0.3232



61.5423, 0.3169, 0.3268



61.5423, 0.3185, 0.3349

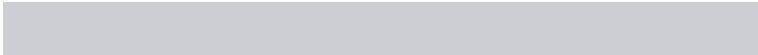


61.5423, 0.3086, 0.3313



# Rectangle

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



61.5423, 0.3070, 0.3232



61.5423, 0.3122, 0.3236



61.5423, 0.3185, 0.3349



61.5423, 0.3132, 0.3345

# Sweetspot

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



61.5449, 0.3070, 0.3232



98.5079, 0.3112, 0.3275



63.8297, 0.3089, 0.3325



21.1005, 0.3113, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

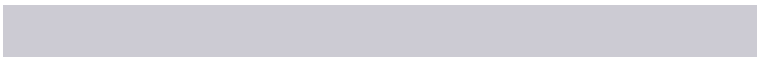
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.5449, 0.3070, 0.3232



92.6869, 0.3050, 0.3212



60.2469, 0.3078, 0.3197



12.8591, 0.3041, 0.3203



6.4171, 0.1668, 0.1205



0.5096, 0.1772, 0.1578



# Inverse Universe

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



61.0190, 0.3167, 0.3256



91.6310, 0.3181, 0.3244



64.6035, 0.3175, 0.3382



12.6958, 0.3188, 0.3238



8.7191, 0.5460, 0.2781

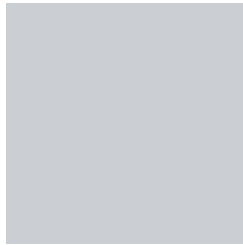


0.5027, 0.4959, 0.2505



# Previews

## White Background



This preview shows how the Yxy color 61.5423, 0.3070, 0.3232 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

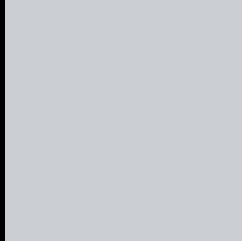
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.5423, 0.3070, 0.3232 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

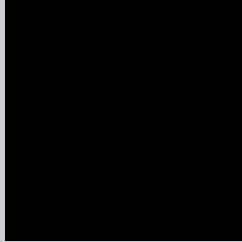
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

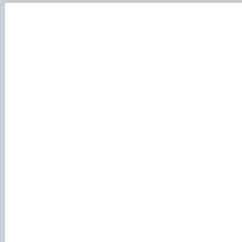
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.5423, 0.3070, 0.3232**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.5423, 0.3070, 0.3232.

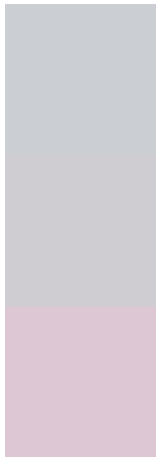


This preview shows how white text looks on a background with the Yxy color 61.5423, 0.3070, 0.3232.

# 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

61.5423, 0.3070, 0.3232

### Protanopia

61.7257, 0.3115, 0.3232

### Deuteranopia

61.1299, 0.3212, 0.3145



## Tritanopia

61.3853, 0.3017, 0.3095

# Trichromacy



## Original Color

61.5423, 0.3070, 0.3232

## Protanomaly

61.4376, 0.3100, 0.3232

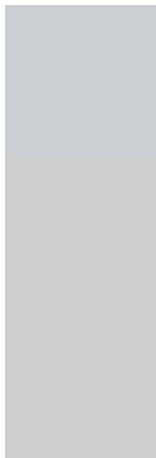
## Deuteranomaly

61.4416, 0.3156, 0.3177

## Tritanomaly

61.5098, 0.3036, 0.3152

# Monochromacy



## Original Color

61.5423, 0.3070, 0.3232

## Achromatopsia

61.7207, 0.3127, 0.3290

## Achromatomaly

61.6758, 0.3106, 0.3267

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.5423, 0.3070, 0.3232 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(203, 206, 211)` looks like.

```
.text, #text, p{  
    color:rgb(203, 206, 211)  
}
```

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(203, 206, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 206, 211) }
```

## Border

The CSS property to change the border of an element to Yxy 61.5423, 0.3070, 0.3232 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(203, 206, 211) }
```

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

```
.border{ border-color:rgb(203, 206, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 206, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 206, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 206, 211);  
box-shadow:4px 4px 4px 4px rgb(203, 206,  
211) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.5423, 0.3070, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 206, 211) }
```

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

```
.background{ background-color: rgb(203,  
206, 211) }
```

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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