

# Converting Colors

Yxy(60.4356, 0.3092, 0.3343)

Have a look what the booklet for  
Yxy(60.4356, 0.3092, 0.3343)  
contains.

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# Color

**Yxy(60.2772, 0.3087, 0.3337)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5CECA
RGB	197, 206, 202
RGB Percent	77%, 81%, 79%
CMY	0.2274, 0.1922, 0.2077
CMYK	0.04, 0.00, 0.02, 0.19
HSL	154°, 8%, 79%
HSV	154°, 4%, 81%
XYZ	55.7614, 60.2772, 64.5943
YIQ	202.8530, -4.0800, -3.1520

# Conversions

## Conversions Part 2

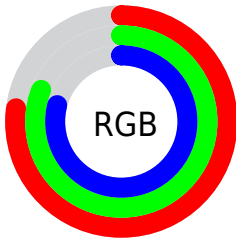
Format	Color
<a href="#">RYB</a>	<a href="#">197, 203, 206</a>
Decimal	<a href="#">12963530</a>
CIELab	<a href="#">81.99, -3.79, 0.89</a>
CIElCh	<a href="#">82, 3.899, 166.731</a>
Yxy	<a href="#">60.2772, 0.3087, 0.3337</a>
Android (android.graphics.Color)	<a href="#">4291153610 (0xFFC5CECA)</a>
YUV	<a href="#">202.8530, -0.4205, -5.1331</a>
Hunter-Lab	<a href="#">77.6384, -7.6651, 5.0182</a>

# Details

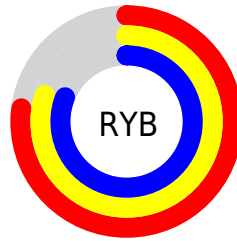
The Yxy color **60.2772, 0.3087, 0.3337** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2710, 0.3169, 0.3243**, and the grayscale version is **59.6313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **30.4342, 0.3074, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **57.2687, 0.2997, 0.3454**, and if you desaturate by 10%, it is **63.6962, 0.3179, 0.3233**.

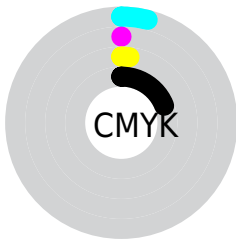
# Distribution



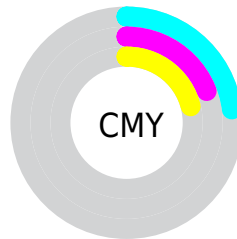
- Red (77%)
- Green (81%)
- Blue (79%)



- Red (77%)
- Yellow (80%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (23%)
- Magenta (19%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2772, 0.3087, 0.3337 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 60.2772, 0.3087, 0.3337 by changing the saturation by 10% instead.



■ 60.2772, 0.3087,  
0.3337

■ 60.2772, 0.3087,  
0.3337

425.6188, 0.3106,  
0.3315

■ 43.6421, 0.3082,  
0.3342

105.2317, 0.3094,  
0.3329

■ 30.3892, 0.3077,  
0.3349

134.3198, 0.3096,  
0.3326

■ 20.1342, 0.3069,  
0.3358

168.3278, 0.3099,  
0.3323

■ 12.4926, 0.3059,  
0.3370

207.6400, 0.3101,  
0.3321

■ 7.0801, 0.3045,  
0.3386

252.6408, 0.3102,  
0.3319

■ 3.5123, 0.3023,  
0.3412

303.7146, 0.3104,

■ 1.4047, 0.2985,

0.3317

0.3457

361.2458, 0.3105,  
0.3316

0.2202, 0.2269,  
0.4284

0.0000, 0.0000,  
0.0000

60.2772, 0.3087,  
0.3337

60.2772, 0.3087,  
0.3337

57.2687, 0.2997,  
0.3454

63.6962, 0.3179,  
0.3233

54.6471, 0.2910,  
0.3583

67.5327, 0.3271,  
0.3140

52.3984, 0.2830,  
0.3724


71.0752, 0.3333,  
0.3057

50.5043, 0.2760,  
0.3877

71.5964, 0.3267,  
0.2968


 48.9454, 0.2703,  
0.4040


 72.1445, 0.3202,  
0.2882

 47.7001, 0.2662,  
0.4209

 72.6232, 0.3150,  
0.2811

 46.7441, 0.2639,  
0.4382

 46.0497, 0.2637,  
0.4554

 45.5829, 0.2655,  
0.4722

# Harmonies

## Analogous

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



60.2772, 0.3137, 0.3368



60.2772, 0.3087, 0.3337



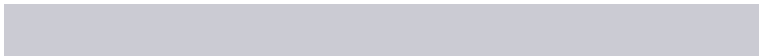
60.2772, 0.3048, 0.3294

# Triad

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



60.2772, 0.3087, 0.3337



60.2772, 0.3070, 0.3204



60.2772, 0.3225, 0.3329

# Complementary

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



60.2772, 0.3087, 0.3337



57.2710, 0.3169, 0.3243

# 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.



60.2772, 0.3207, 0.3286



60.2772, 0.3087, 0.3337



60.2772, 0.3117, 0.3214

# Square

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



60.2772, 0.3087, 0.3337



60.2772, 0.3038, 0.3217



60.2772, 0.3167, 0.3244



60.2772, 0.3217, 0.3363



# Rectangle

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



60.2772, 0.3087, 0.3337



60.2772, 0.3034, 0.3264



60.2772, 0.3167, 0.3244



60.2772, 0.3222, 0.3316

# Sweetspot

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



60.2798, 0.3087, 0.3337



99.4474, 0.3118, 0.3301



60.5992, 0.3153, 0.3397



21.2917, 0.3118, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

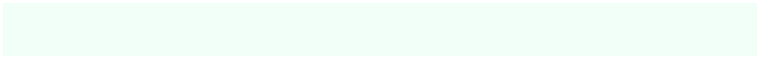


# Same Dimension

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



60.2798, 0.3087, 0.3337



97.3049, 0.3081, 0.3345



60.2537, 0.3060, 0.3284



12.8897, 0.3075, 0.3351



27.9669, 0.2664, 0.4790



1.4579, 0.2574, 0.4466



# Inverse Universe

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



57.2710, 0.3169, 0.3243



91.6823, 0.3176, 0.3236



57.2915, 0.3198, 0.3296



12.0614, 0.3182, 0.3230



8.5615, 0.5191, 0.2633

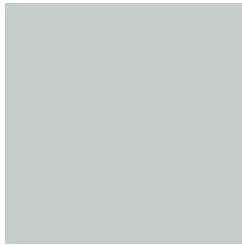


0.4569, 0.4708, 0.2367



# Previews

## White Background



This preview shows how the Yxy color 60.2772, 0.3087, 0.3337 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 60.2772, 0.3087, 0.3337 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

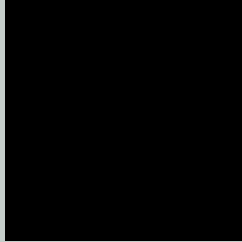
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

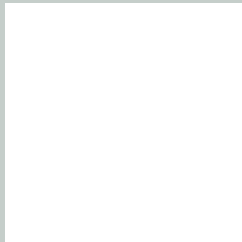
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.2772, 0.3087, 0.3337**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.2772, 0.3087, 0.3337.



This preview shows how white text looks on a background with the Yxy color 60.2772, 0.3087, 0.3337.

# 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

60.2772, 0.3087, 0.3337

### Protanopia

60.2919, 0.3187, 0.3325

### Deuteranopia

59.9801, 0.3282, 0.3212



## Tritanopia

60.1057, 0.2993, 0.3104

# Trichromacy



## Original Color

60.2772, 0.3087, 0.3337

## Protanomaly

60.2401, 0.3148, 0.3325

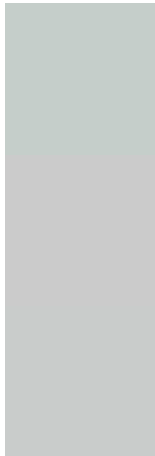
## Deuteranomaly

59.9165, 0.3215, 0.3256

## Tritanomaly

60.1319, 0.3027, 0.3184

# Monochromacy



## Original Color

60.2772, 0.3087, 0.3337

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

59.9150, 0.3111, 0.3302

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.2772, 0.3087, 0.3337 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(197, 206, 202)` looks like.

```
.text, #text, p{  
    color:rgb(197, 206, 202)  
}
```

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(197, 206, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 206, 202) }
```

## Border

The CSS property to change the border of an element to Yxy 60.2772, 0.3087, 0.3337 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(197, 206, 202) }
```

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

```
.border{ border-color:rgb(197, 206, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 206, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 206, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 206, 202);  
box-shadow:4px 4px 4px 4px rgb(197, 206,  
202) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.2772, 0.3087, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 206, 202) }
```

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

```
.background{ background-color: rgb(197,  
206, 202) }
```

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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