

# Converting Colors

Yxy(57.9534, 0.3103, 0.3433)

Have a look what the booklet for  
Yxy(57.9534, 0.3103, 0.3433)  
contains.

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# Color

**Yxy(57.9387, 0.3105, 0.3437)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BECCCO
RGB	190, 204, 192
RGB Percent	75%, 80%, 75%
CMY	0.2549, 0.2000, 0.2471
CMYK	0.07, 0.00, 0.06, 0.20
HSL	129°, 12%, 77%
HSV	129°, 7%, 80%
XYZ	52.3421, 57.9387, 58.2927
YIQ	198.4460, -4.4920, -6.7000

# Conversions

## Conversions Part 2

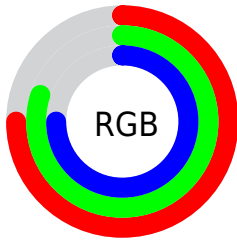
Format	Color
<a href="#">RYB</a>	<a href="#">190, 202, 204</a>
Decimal	<a href="#">12504256</a>
CIELab	<a href="#">80.70, -7.00, 4.33</a>
CIElCh	<a href="#">81, 8.231, 148.226</a>
Yxy	<a href="#">57.9387, 0.3105, 0.3437</a>
Android (android.graphics.Color)	<a href="#">4290694336 (0xFFBECCC0)</a>
YUV	<a href="#">198.4460, -3.1779, -7.4071</a>
Hunter-Lab	<a href="#">76.1175, -10.4603, 7.8764</a>

# Details

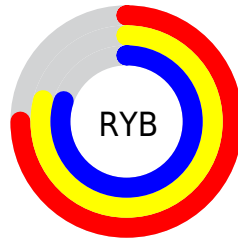
The Yxy color  $57.9387, 0.3105, 0.3437$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $53.9294, 0.3150, 0.3147$ , and the grayscale version is  $56.7804, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $97.8901, 0.3112, 0.3358$ , and  $28.9951, 0.3098, 0.3471$  is the 20% darker color. If you saturate the color by 10%, you get  $54.7658, 0.3072, 0.3675$ , and if you desaturate by 10%, it is  $61.5764, 0.3137, 0.3227$ .

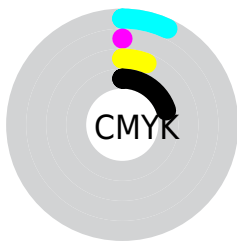
# Distribution



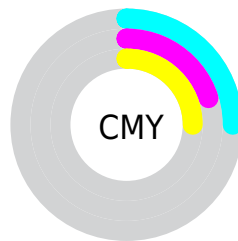
- Red (75%)
- Green (80%)
- Blue (75%)



- Red (75%)
- Yellow (79%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9387, 0.3105, 0.3437 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 57.9387, 0.3105, 0.3437 by changing the saturation by 10% instead.




 57.9387, 0.3105,  
0.3437

 57.9387, 0.3105,  
0.3437


416.9575, 0.3116,  
0.3365

 41.7594, 0.3102,  
0.3454


 101.8336, 0.3109,  
0.3411

 28.9129, 0.3099,  
0.3476


130.3179, 0.3111,  
0.3402

 19.0150, 0.3094,  
0.3505


163.6727, 0.3112,  
0.3393

 11.6811, 0.3088,  
0.3544

202.2824, 0.3113,  
0.3386

 6.5269, 0.3078,  
0.3601

246.5313, 0.3114,  
0.3380

 3.1680, 0.3062,  
0.3690

296.8039, 0.3115,

 1.2201, 0.3032,

0.3375

0.3851

353.4845, 0.3115,  
0.3370

0.0780, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

57.9387, 0.3105,  
0.3437

57.9387, 0.3105,  
0.3437

54.7658, 0.3072,  
0.3675

61.5764, 0.3137,  
0.3227

52.0317, 0.3039,  
0.3942

65.6887, 0.3168,  
0.3044

49.7195, 0.3008,  
0.4235

70.2947, 0.3196,  
0.2886

47.8078, 0.2981,  
0.4546

71.6683, 0.3151,  
0.2792

■ 46.2738, 0.2959,  
0.4865

■ 45.0922, 0.2946,  
0.5174

■ 44.2343, 0.2943,  
0.5454

■ 43.6674, 0.2950,  
0.5684

■ 43.3486, 0.2966,  
0.5851

# Harmonies

## Analogous

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



57.9387, 0.3212, 0.3476



57.9387, 0.3105, 0.3437



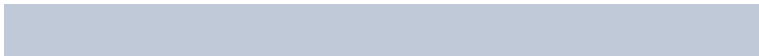
57.9387, 0.3005, 0.3357

# Triad

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



57.9387, 0.3105, 0.3437



57.9387, 0.2958, 0.3118



57.9387, 0.3320, 0.3316

# Complementary

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



57.9387, 0.3105, 0.3437



53.9294, 0.3150, 0.3147

# 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.



57.9387, 0.3249, 0.3224



57.9387, 0.3105, 0.3437



57.9387, 0.3040, 0.3111

# Square

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



57.9387, 0.3105, 0.3437



57.9387, 0.2922, 0.3172



57.9387, 0.3147, 0.3150



57.9387, 0.3337, 0.3404



# Rectangle

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



57.9387, 0.3105, 0.3437



57.9387, 0.2956, 0.3292



57.9387, 0.3147, 0.3150



57.9387, 0.3301, 0.3285

# Sweetspot

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



57.9412, 0.3105, 0.3437



98.7671, 0.3121, 0.3332



59.4818, 0.3213, 0.3457



21.1531, 0.3121, 0.3330



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

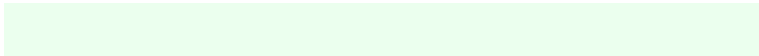


# Same Dimension

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



57.9412, 0.3105, 0.3437



95.2586, 0.3101, 0.3465



58.2529, 0.3057, 0.3352



12.5626, 0.3097, 0.3495



27.2462, 0.2965, 0.5875



1.4142, 0.2882, 0.5575



# Inverse Universe

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



53.9294, 0.3150, 0.3147



87.4816, 0.3154, 0.3121



53.6112, 0.3203, 0.3229



11.3751, 0.3159, 0.3094



10.0354, 0.3603, 0.1758



0.5255, 0.3514, 0.1710



# Previews

## White Background



This preview shows how the Yxy color 57.9387, 0.3105, 0.3437 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

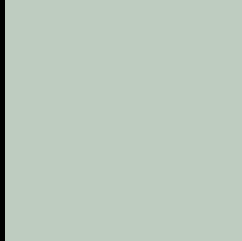
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 57.9387, 0.3105, 0.3437 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

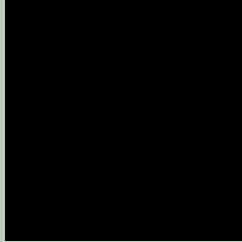
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

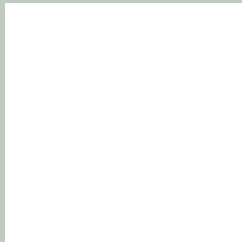
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 57.9387, 0.3105, 0.3437**

## **Background**



This preview shows how black text looks on a background with the Yxy color 57.9387, 0.3105, 0.3437.



This preview shows how white text looks on a background with the Yxy color 57.9387, 0.3105, 0.3437.

# 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

57.9387, 0.3105, 0.3437

### Protanopia

57.6428, 0.3257, 0.3409

### Deuteranopia

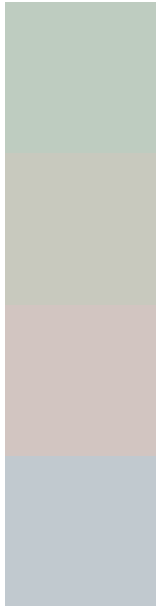
57.5646, 0.3357, 0.3279



## Tritanopia

57.7358, 0.2969, 0.3100

# Trichromacy



**Original Color**

57.9387, 0.3105, 0.3437

**Protanomaly**

57.7704, 0.3199, 0.3423

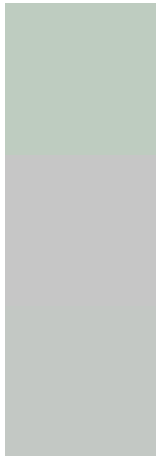
**Deuteranomaly**

57.4844, 0.3261, 0.3337

**Tritanomaly**

57.6157, 0.3024, 0.3218

# Monochromacy



**Original Color**

57.9387, 0.3105, 0.3437

**Achromatopsia**

56.4712, 0.3127, 0.3290

**Achromatomaly**

56.8962, 0.3117, 0.3338

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.9387, 0.3105, 0.3437 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(190, 204, 192)` looks like.

```
.text, #text, p{  
    color:rgb(190, 204, 192)  
}
```

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(190, 204, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 204, 192) }
```

## Border

The CSS property to change the border of an element to Yxy 57.9387, 0.3105, 0.3437 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(190, 204, 192) }
```

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

```
.border{ border-color:rgb(190, 204, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 204, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 204, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 204, 192);  
box-shadow:4px 4px 4px 4px rgb(190, 204,  
192) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.9387, 0.3105, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 204, 192) }
```

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

```
.background{ background-color: rgb(190,  
204, 192) }
```

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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