

# Converting Colors

Yxy(59.3739, 0.3155, 0.3440)

Have a look what the booklet for  
Yxy(59.3739, 0.3155, 0.3440)  
contains.

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# Color

**Yxy(59.3832, 0.3151, 0.3434)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5CDC1
RGB	197, 205, 193
RGB Percent	77%, 80%, 76%
CMY	0.2274, 0.1961, 0.2430
CMYK	0.04, 0.00, 0.06, 0.20
HSL	100°, 11%, 78%
HSV	100°, 6%, 80%
XYZ	54.4894, 59.3832, 59.0546
YIQ	201.2400, -0.9160, -5.4280

# Conversions

## Conversions Part 2

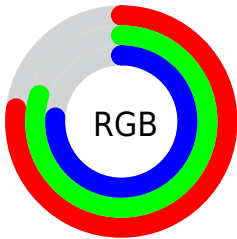
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 205, 201
Decimal	12963265
CIELab	81.50, -4.90, 5.00
CIElCh	82, 7.006, 134.419
Yxy	59.3832, 0.3151, 0.3434
Android (android.graphics.Color)	4291153345 (0xFFC5CDC1)
YUV	201.2400, -4.0623, -3.7185
Hunter-Lab	77.0605, -8.6388, 8.5060

# Details

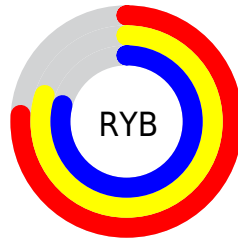
The Yxy color **59.3832, 0.3151, 0.3434** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9742, 0.3102, 0.3147**, and the grayscale version is **58.5956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4304, 0.3156, 0.3347**, and **29.8663, 0.3149, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **56.7731, 0.3191, 0.3701**, and if you desaturate by 10%, it is **62.2921, 0.3110, 0.3193**.

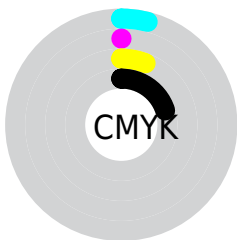
# Distribution



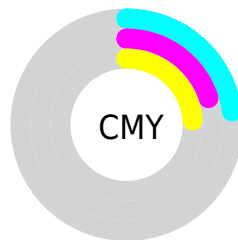
- Red (77%)
- Green (80%)
- Blue (76%)



- Red (76%)
- Yellow (80%)
- Blue (79%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)




- Cyan (23%)
- Magenta (20%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3832, 0.3151, 0.3434 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 59.3832, 0.3151, 0.3434 by changing the saturation by 10% instead.




 59.3832, 0.3151,  
0.3434

 59.3832, 0.3151,  
0.3434


422.3205, 0.3140,  
0.3364

 42.9217, 0.3154,  
0.3451


 103.9344, 0.3147,  
0.3409

 29.8237, 0.3157,  
0.3472


132.7929, 0.3146,  
0.3400

 19.7048, 0.3161,  
0.3499


166.5524, 0.3144,  
0.3392

 12.1806, 0.3166,  
0.3537

205.5975, 0.3143,  
0.3385

 6.8668, 0.3173,  
0.3591

250.3124, 0.3142,  
0.3379

 3.3789, 0.3184,  
0.3674

301.0816, 0.3141,

 1.3326, 0.3200,

0.3373

358.2895, 0.3141,  
0.3369

0.3822

0.1663, 0.1873,  
0.8127

0.0000, 0.0000,  
0.0000

59.3832, 0.3151,  
0.3434

59.3832, 0.3151,  
0.3434

56.7731, 0.3191,  
0.3701

62.2921, 0.3110,  
0.3193

54.4445, 0.3228,  
0.3992

65.5011, 0.3070,  
0.2978

52.3898, 0.3260,  
0.4303

69.0217, 0.3031,  
0.2787

50.5983, 0.3283,  
0.4623

71.5047, 0.3126,  
0.2798

■ 49.0583, 0.3295,  
0.4940

■ 72.1408, 0.3150,  
0.2801

■ 47.7575, 0.3292,  
0.5236

■ 46.6821, 0.3272,  
0.5491

■ 45.8167, 0.3237,  
0.5691

■ 45.1431, 0.3189,  
0.5824

# Harmonies

## Analogous

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



59.3832, 0.3236, 0.3447



59.3832, 0.3151, 0.3434



59.3832, 0.3061, 0.3381

# Triad

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



59.3832, 0.3151, 0.3434



59.3832, 0.2965, 0.3162



59.3832, 0.3267, 0.3276

# Complementary

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



59.3832, 0.3151, 0.3434



54.9742, 0.3102, 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.



59.3832, 0.3193, 0.3202



59.3832, 0.3151, 0.3434



59.3832, 0.3018, 0.3136

# Square

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



59.3832, 0.3151, 0.3434



59.3832, 0.2954, 0.3222



59.3832, 0.3101, 0.3151



59.3832, 0.3304, 0.3354



# Rectangle

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



59.3832, 0.3151, 0.3434



59.3832, 0.3010, 0.3330



59.3832, 0.3101, 0.3151



59.3832, 0.3246, 0.3250

# Sweetspot

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



59.3858, 0.3151, 0.3434



99.0376, 0.3135, 0.3339



58.5125, 0.3217, 0.3383



21.2082, 0.3135, 0.3336



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.



59.3858, 0.3151, 0.3434



96.7186, 0.3156, 0.3466



58.9332, 0.3108, 0.3413



12.8257, 0.3158, 0.3477



28.0052, 0.3178, 0.5859



1.4862, 0.3334, 0.5735



# Inverse Universe

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



54.9742, 0.3102, 0.3147



88.0212, 0.3096, 0.3116



55.4499, 0.3147, 0.3170



11.6043, 0.3094, 0.3105



6.0815, 0.2388, 0.1089

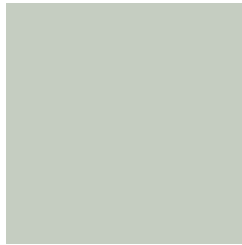


0.3542, 0.2552, 0.1179



# Previews

## White Background



This preview shows how the Yxy color 59.3832, 0.3151, 0.3434 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

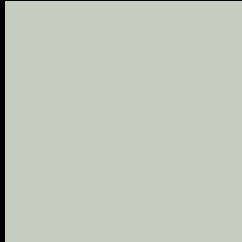
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 59.3832, 0.3151, 0.3434 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

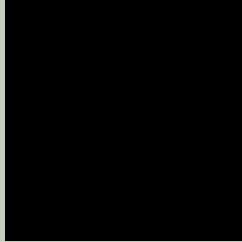
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

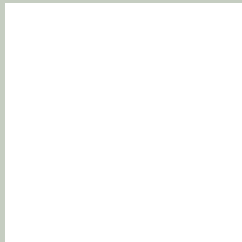
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 59.3832, 0.3151, 0.3434**

## **Background**



This preview shows how black text looks on a background with the Yxy color 59.3832, 0.3151, 0.3434.



This preview shows how white text looks on a background with the Yxy color 59.3832, 0.3151, 0.3434.

# 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

59.3832, 0.3151, 0.3434

### Protanopia

59.5580, 0.3262, 0.3420

### Deuteranopia

59.4275, 0.3369, 0.3302



## Tritanopia

59.2005, 0.3014, 0.3104

# Trichromacy



## Original Color

59.3832, 0.3151, 0.3434

## Protanomaly

59.4968, 0.3222, 0.3420

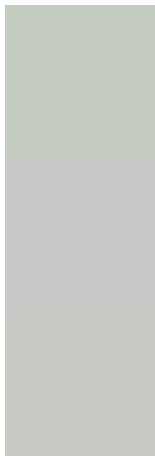
## Deuteranomaly

59.1890, 0.3292, 0.3348

## Tritanomaly

59.0745, 0.3069, 0.3219

# Monochromacy



## Original Color

59.3832, 0.3151, 0.3434

## Achromatopsia

58.4078, 0.3127, 0.3290

## Achromatomaly

58.5976, 0.3140, 0.3338

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.3832, 0.3151, 0.3434 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, 205, 193)` looks like.

```
.text, #text, p{  
    color:rgb(197, 205, 193)  
}
```

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, 205, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 205, 193) }
```

## Border

The CSS property to change the border of an element to Yxy 59.3832, 0.3151, 0.3434 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, 205, 193) }
```

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

```
.border{ border-color:rgb(197, 205, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 205, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 205, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 205, 193);  
box-shadow:4px 4px 4px 4px rgb(197, 205,  
193) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.3832, 0.3151, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 205, 193) }
```

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

```
.background{ background-color: rgb(197,  
205, 193) }
```

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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