

# Converting Colors

Yxy(61.3357, 0.3166, 0.3339)

Have a look what the booklet for  
Yxy(61.3357, 0.3166, 0.3339)  
contains.

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# Color

**Yxy(61.1451, 0.3171, 0.3337)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFCDC9
RGB	207, 205, 201
RGB Percent	81%, 80%, 79%
CMY	0.1882, 0.1960, 0.2118
CMYK	0.00, 0.01, 0.03, 0.19
HSL	40°, 6%, 80%
HSV	40°, 3%, 81%
XYZ	58.1034, 61.1451, 63.9852
YIQ	205.1420, 2.4760, -0.8200

# Conversions

## Conversions Part 2

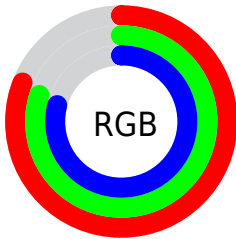
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 207, 201
Decimal	13618633
CIELab	82.46, -0.03, 2.23
CIElCh	82, 2.232, 90.823
Yxy	61.1451, 0.3171, 0.3337
Android (android.graphics.Color)	4291808713 (0xFFCFDC9)
YUV	205.1420, -2.0420, 1.6295
Hunter-Lab	78.1953, -4.2065, 6.2213

# Details

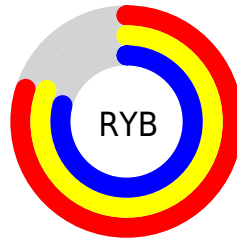
The Yxy color **61.1451, 0.3171, 0.3337** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6176, 0.3083, 0.3243**, and the grayscale version is **61.1580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.0121, 0.3185, 0.3352** is the 20% darker color. If you saturate the color by 10%, you get **57.0345, 0.3332, 0.3505**, and if you desaturate by 10%, it is **65.5355, 0.3026, 0.3179**.

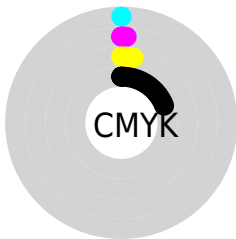
# Distribution



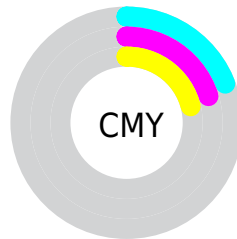
- Red (81%)
- Green (80%)
- Blue (79%)



- Red (80%)
- Yellow (81%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1451, 0.3171, 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 61.1451, 0.3171, 0.3337 by changing the saturation by 10% instead.



■ 61.1451, 0.3171,  
0.3337

■ 61.1451, 0.3171,  
0.3337

428.8058, 0.3150,  
0.3315

■ 44.3423, 0.3176,  
0.3342

106.4890, 0.3164,  
0.3329

■ 30.9397, 0.3182,  
0.3349

135.7989, 0.3161,  
0.3326

■ 20.5529, 0.3190,  
0.3358

170.0465, 0.3158,  
0.3323

■ 12.7976, 0.3201,  
0.3369

209.6164, 0.3156,  
0.3321

■ 7.2893, 0.3216,  
0.3385

254.8929, 0.3154,  
0.3319

■ 3.6437, 0.3239,  
0.3410

306.2604, 0.3153,

■ 1.4763, 0.3279,

0.3318

364.1032, 0.3151,  
0.3316

0.3452

0.2720, 0.3848,  
0.4061

0.0000, 0.0000,  
0.0000

61.1451, 0.3171,  
0.3337

61.1451, 0.3171,  
0.3337

57.0345, 0.3332,  
0.3505

65.5355, 0.3026,  
0.3179

53.1889, 0.3509,  
0.3679


70.2046, 0.2896,  
0.3031


49.6034, 0.3701,  
0.3855

74.6299, 0.2826,  
0.2976

46.2702, 0.3904,  
0.4027

78.4174, 0.2830,  
0.3050

 43.1809, 0.4114,  
0.4187


 82.3551, 0.2834,  
0.3124


 40.3263, 0.4323,  
0.4323


 86.4447, 0.2838,  
0.3196

 37.6966, 0.4520,  
0.4424

 90.6877, 0.2842,  
0.3268

 35.2803, 0.4697,  
0.4480

 92.0051, 0.2844,  
0.3289

 33.0645, 0.4844,  
0.4486

# Harmonies

## Analogous

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



61.1451, 0.3183, 0.3323



61.1451, 0.3171, 0.3337



61.1451, 0.3148, 0.3339

# Triad

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



61.1451, 0.3171, 0.3337



61.1451, 0.3076, 0.3280



61.1451, 0.3135, 0.3254

# Complementary

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



61.1451, 0.3171, 0.3337



59.6176, 0.3083, 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.



61.1451, 0.3107, 0.3242



61.1451, 0.3171, 0.3337



61.1451, 0.3072, 0.3257

# Square

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



61.1451, 0.3171, 0.3337



61.1451, 0.3093, 0.3306



61.1451, 0.3084, 0.3244



61.1451, 0.3162, 0.3275



# Rectangle

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



61.1451, 0.3171, 0.3337



61.1451, 0.3129, 0.3332



61.1451, 0.3084, 0.3244



61.1451, 0.3126, 0.3249

# Sweetspot

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



61.1477, 0.3171, 0.3337



99.3000, 0.3142, 0.3306



59.3405, 0.3159, 0.3267



21.2617, 0.3142, 0.3305



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

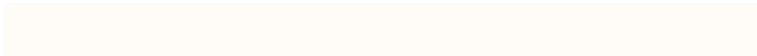


# Same Dimension

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



61.1477, 0.3171, 0.3337



97.9136, 0.3173, 0.3339



61.9619, 0.3162, 0.3360



13.6371, 0.3184, 0.3351



20.0891, 0.4919, 0.4476



1.2654, 0.4754, 0.4608

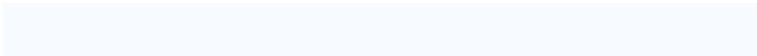


# Inverse Universe

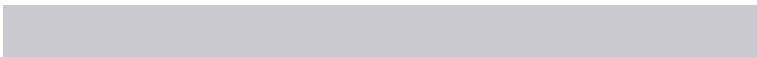
The Inverse Universe completely reimagines the original color for something new.



59.6176, 0.3083, 0.3243



95.3544, 0.3082, 0.3240



58.8233, 0.3092, 0.3219



13.1949, 0.3070, 0.3228



5.6333, 0.1635, 0.1084

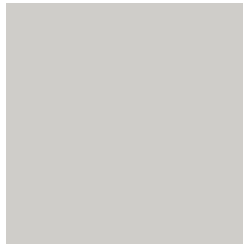


0.4593, 0.1739, 0.1460



# Previews

## White Background



This preview shows how the Yxy color 61.1451, 0.3171, 0.3337 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

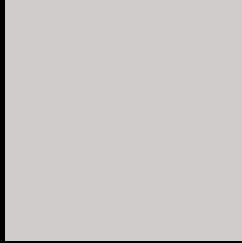
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.1451, 0.3171, 0.3337 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

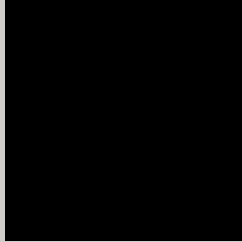
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

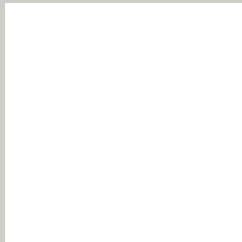
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.1451, 0.3171, 0.3337**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.1451, 0.3171, 0.3337.

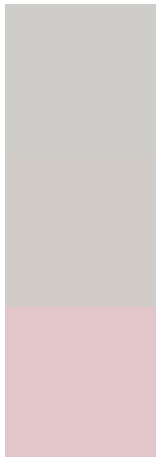


This preview shows how white text looks on a background with the Yxy color 61.1451, 0.3171, 0.3337.

# 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

61.1451, 0.3171, 0.3337

### Protanopia

61.1044, 0.3195, 0.3325

### Deuteranopia

60.8212, 0.3321, 0.3246



## Tritanopia

61.0047, 0.3075, 0.3108

# Trichromacy



## Original Color

61.1451, 0.3171, 0.3337

## Protanomaly

60.9581, 0.3187, 0.3325

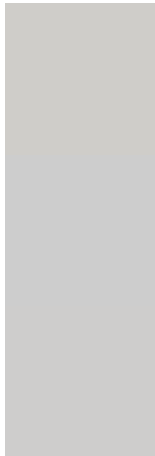
## Deuteranomaly

61.0976, 0.3261, 0.3279

## Tritanomaly

61.0206, 0.3109, 0.3187

# Monochromacy



## Original Color

61.1451, 0.3171, 0.3337

## Achromatopsia

61.0496, 0.3127, 0.3290

## Achromatomaly

61.1441, 0.3142, 0.3302

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.1451, 0.3171, 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(207, 205, 201)` looks like.

```
.text, #text, p{  
    color:rgb(207, 205, 201)  
}
```

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(207, 205, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 205, 201) }
```

## Border

The CSS property to change the border of an element to Yxy 61.1451, 0.3171, 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(207, 205, 201) }
```

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

```
.border{ border-color:rgb(207, 205, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 205, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 205, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 205, 201);  
box-shadow:4px 4px 4px 4px rgb(207, 205,  
201) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.1451, 0.3171, 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(207, 205, 201) }
```

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

```
.background{ background-color: rgb(207,  
205, 201) }
```

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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