

# Converting Colors

Yxy(61.4983, 0.3111, 0.3352)

Have a look what the booklet for  
Yxy(61.4983, 0.3111, 0.3352)  
contains.

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# Color

**Yxy(61.6554, 0.3109, 0.3361)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8D0CA
RGB	200, 208, 202
RGB Percent	78%, 82%, 79%
CMY	0.2157, 0.1843, 0.2079
CMYK	0.04, 0.00, 0.03, 0.18
HSL	135°, 8%, 80%
HSV	135°, 4%, 82%
XYZ	57.0326, 61.6554, 64.7556
YIQ	204.9240, -2.8420, -3.5620

# Conversions

## Conversions Part 2

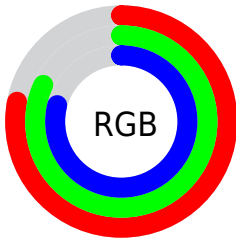
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 206, 208
Decimal	13160650
CIE Lab	82.73, -3.83, 2.03
CIE LCh	83, 4.338, 152.055
Yxy	61.6554, 0.3109, 0.3361
Android (android.graphics.Color)	4291350730 (0xFFC8D0CA)
YUV	204.9240, -1.4415, -4.3183
Hunter-Lab	78.5210, -7.7606, 6.0687

# Details

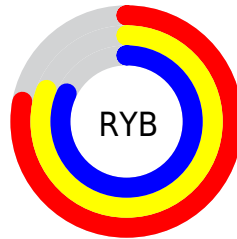
The Yxy color **61.6554, 0.3109, 0.3361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1760, 0.3146, 0.3220**, and the grayscale version is **61.0104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3603, 0.3103, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **58.2815, 0.3062, 0.3562**, and if you desaturate by 10%, it is **65.4996, 0.3156, 0.3184**.

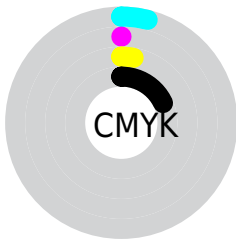
# Distribution



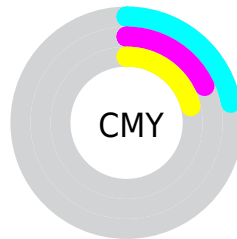
- Red (78%)
- Green (82%)
- Blue (79%)



- Red (78%)
- Yellow (81%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6554, 0.3109, 0.3361 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 61.6554, 0.3109, 0.3361 by changing the saturation by 10% instead.



■ 61.6554, 0.3109,  
0.3361

■ 61.6554, 0.3109,  
0.3361

430.6730, 0.3118,  
0.3327

■ 44.7543, 0.3107,  
0.3369

107.2273, 0.3112,  
0.3349

■ 31.2640, 0.3104,  
0.3379

136.6670, 0.3113,  
0.3344

■ 20.7999, 0.3101,  
0.3392

171.0549, 0.3114,  
0.3340

■ 12.9778, 0.3096,  
0.3410

210.7755, 0.3115,  
0.3337

■ 7.4133, 0.3090,  
0.3435

256.2133, 0.3116,  
0.3334

■ 3.7219, 0.3079,  
0.3474

307.7525, 0.3117,

■ 1.5192, 0.3062,

0.3331

365.7776, 0.3117,  
0.3329

0.3540

0.3022, 0.2837,  
0.4426

0.0000, 0.0000,  
0.0000

61.6554, 0.3109,  
0.3361

61.6554, 0.3109,  
0.3361

58.2815, 0.3062,  
0.3562

65.4996, 0.3156,  
0.3184

55.3520, 0.3015,  
0.3788

69.8229, 0.3201,  
0.3029

52.8507, 0.2971,  
0.4038

73.2136, 0.3190,  
0.2887

50.7570, 0.2932,  
0.4308

73.5960, 0.3149,  
0.2831

■ 49.0489, 0.2901,  
0.4591

■ 47.7021, 0.2882,  
0.4878

■ 46.6895, 0.2876,  
0.5155

■ 45.9802, 0.2884,  
0.5406

■ 45.5368, 0.2907,  
0.5618

# Harmonies

## Analogous

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



61.6554, 0.3165, 0.3384



61.6554, 0.3109, 0.3361



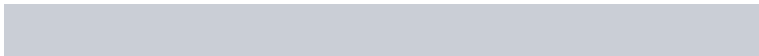
61.6554, 0.3059, 0.3318

# Triad

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



61.6554, 0.3109, 0.3361



61.6554, 0.3044, 0.3199



61.6554, 0.3229, 0.3311

# Complementary

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



61.6554, 0.3109, 0.3361



59.1760, 0.3146, 0.3220

# 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.



61.6554, 0.3196, 0.3262



61.6554, 0.3109, 0.3361



61.6554, 0.3089, 0.3198

# Square

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



61.6554, 0.3109, 0.3361



61.6554, 0.3021, 0.3225



61.6554, 0.3145, 0.3221



61.6554, 0.3234, 0.3354



# Rectangle

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



61.6554, 0.3109, 0.3361



61.6554, 0.3035, 0.3285



61.6554, 0.3145, 0.3221



61.6554, 0.3221, 0.3294

# Sweetspot

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



61.6580, 0.3109, 0.3361



99.3965, 0.3122, 0.3308



62.4277, 0.3169, 0.3383



21.2813, 0.3123, 0.3307



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.



61.6580, 0.3109, 0.3361



97.0584, 0.3103, 0.3384



61.8450, 0.3082, 0.3315



13.5406, 0.3100, 0.3395



28.2802, 0.2917, 0.5702



1.5942, 0.2815, 0.5335



# Inverse Universe

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



59.1760, 0.3146, 0.3220



91.9321, 0.3152, 0.3198



58.9889, 0.3174, 0.3265



12.7427, 0.3155, 0.3187



9.8834, 0.3946, 0.1947

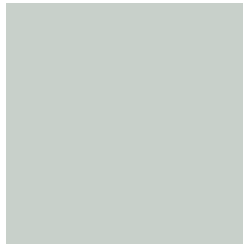


0.5648, 0.3783, 0.1857



# Previews

## White Background



This preview shows how the Yxy color 61.6554, 0.3109, 0.3361 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

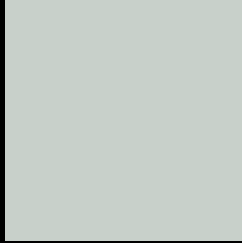
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.6554, 0.3109, 0.3361 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

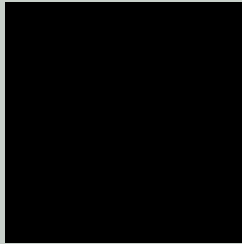
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

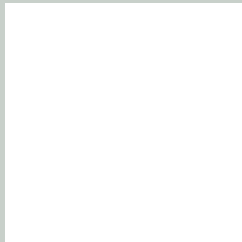
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.6554, 0.3109, 0.3361**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.6554, 0.3109, 0.3361.



This preview shows how white text looks on a background with the Yxy color 61.6554, 0.3109, 0.3361.

# 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

61.6554, 0.3109, 0.3361

### Protanopia

61.6817, 0.3209, 0.3348

### Deuteranopia

61.3752, 0.3304, 0.3235



## Tritanopia

61.5796, 0.3002, 0.3106

# Trichromacy



## Original Color

61.6554, 0.3109, 0.3361

## Protanomaly

61.6251, 0.3170, 0.3348

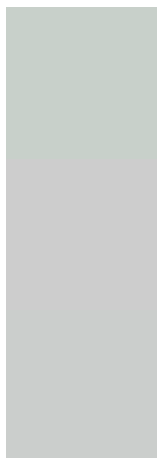
## Deuteranomaly

61.3046, 0.3237, 0.3279

## Tritanomaly

61.5542, 0.3042, 0.3197

# Monochromacy



## Original Color

61.6554, 0.3109, 0.3361

## Achromatopsia

61.0496, 0.3127, 0.3290

## Achromatomaly

61.1988, 0.3118, 0.3313

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.6554, 0.3109, 0.3361 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(200, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(200, 208, 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(200, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 208, 202) }
```

## Border

The CSS property to change the border of an element to Yxy 61.6554, 0.3109, 0.3361 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(200, 208, 202) }
```

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

```
.border{ border-color:rgb(200, 208, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 208, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(200, 208,  
202) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.6554, 0.3109, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 208, 202) }
```

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

```
.background{ background-color: rgb(200,  
208, 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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