

# Converting Colors

$Yxy(63.0264, 0.2979, 0.3254)$

Have a look what the booklet for  
Yxy(63.0264, 0.2979, 0.3254)  
contains.

<b>Yxy(62.9129, 0.2984, 0.3254)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(62.9129, 0.2984, 0.3254)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2D3D6
RGB	194, 211, 214
RGB Percent	76%, 83%, 84%
CMY	0.2390, 0.1726, 0.1607
CMYK	0.09, 0.01, 0.00, 0.16
HSL	189°, 20%, 80%
HSV	189°, 9%, 84%
XYZ	57.6927, 62.9129, 72.7346
YIQ	206.2590, -11.0950, -2.6710

# Conversions

## Conversions Part 2

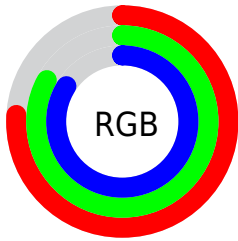
Format	Color
<b>RYB</b>	194, 203, 214
Decimal	12768214
CIELab	83.40, -5.09, -3.46
CIELCh	83, 6.151, 214.229
Yxy	62.9129, 0.2984, 0.3254
Android (android.graphics.Color)	4290958294 (0xFFC2D3D6)
YUV	206.2590, 3.8163, -10.7511
Hunter-Lab	79.3177, -8.9716, 1.1532

# Details

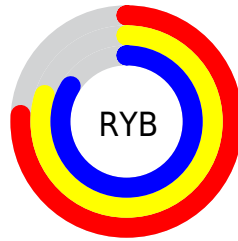
The Yxy color **62.9129, 0.2984, 0.3254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1712, 0.3286, 0.3326**, and the grayscale version is **61.8840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **32.1926, 0.2948, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **58.6839, 0.2835, 0.3212**, and if you desaturate by 10%, it is **67.5878, 0.3138, 0.3292**.

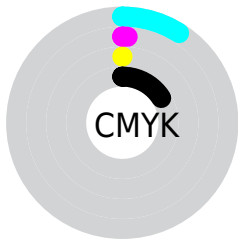
# Distribution



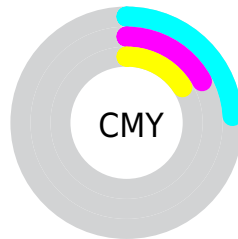
- Red (76%)
- Green (83%)
- Blue (84%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (17%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9129, 0.2984, 0.3254 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 62.9129, 0.2984, 0.3254 by changing the saturation by 10% instead.



■ 62.9129, 0.2984,  
0.3254

■ 62.9129, 0.2984,  
0.3254

435.2533, 0.3052,  
0.3272

■ 45.7707, 0.2968,  
0.3250

■ 109.0438, 0.3008,  
0.3260

■ 32.0650, 0.2948,  
0.3244

138.8014, 0.3017,  
0.3263

■ 21.4111, 0.2923,  
0.3237

173.5329, 0.3025,  
0.3265

■ 13.4248, 0.2889,  
0.3228

213.6228, 0.3032,  
0.3266

■ 7.7217, 0.2841,  
0.3214

259.4553, 0.3038,  
0.3268

■ 3.9174, 0.2771,  
0.3193

311.4150, 0.3043,

■ 1.6275, 0.2653,

0.3269

0.3157

369.8862, 0.3048,  
0.3271

0.3760, 0.1850,  
0.2983

0.0000, 0.0000,  
0.0000

62.9129, 0.2984,  
0.3254

62.9129, 0.2984,  
0.3254

58.6839, 0.2835,  
0.3212

67.5878, 0.3138,  
0.3292

54.8752, 0.2692,  
0.3167

72.7171, 0.3293,  
0.3327

51.4708, 0.2560,  
0.3118

77.6947, 0.3422,  
0.3359

48.4504, 0.2441,  
0.3067

79.4264, 0.3417,  
0.3391

■ 45.7917, 0.2339,  
0.3014

■ 81.1915, 0.3412,  
0.3424

■ 43.4700, 0.2254,  
0.2960

■ 82.9903, 0.3407,  
0.3456

■ 41.4574, 0.2188,  
0.2906

■ 84.8228, 0.3402,  
0.3488

■ 39.7206, 0.2142,  
0.2852

■ 86.6893, 0.3397,  
0.3519

■ 38.2045, 0.2112,  
0.2798

■ 88.5901, 0.3392,  
0.3551

# Harmonies

## Analogous

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



62.9129, 0.3026, 0.3325



62.9129, 0.2984, 0.3254



62.9129, 0.2980, 0.3194

# Triad

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



62.9129, 0.2984, 0.3254



62.9129, 0.3158, 0.3197



62.9129, 0.3241, 0.3421

# Complementary

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



62.9129, 0.2984, 0.3254



58.1712, 0.3286, 0.3326

# 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.



62.9129, 0.3277, 0.3384



62.9129, 0.2984, 0.3254



62.9129, 0.3229, 0.3255

# Square

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



62.9129, 0.2984, 0.3254



62.9129, 0.3079, 0.3162



62.9129, 0.3273, 0.3323



62.9129, 0.3174, 0.3422



# Rectangle

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



62.9129, 0.2984, 0.3254



62.9129, 0.2999, 0.3169



62.9129, 0.3273, 0.3323



62.9129, 0.3257, 0.3412

# Sweetspot

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



62.9155, 0.2984, 0.3254



97.8383, 0.3080, 0.3279



63.6147, 0.3096, 0.3492



20.8200, 0.3068, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

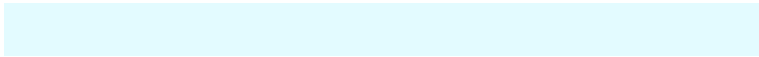


# Same Dimension

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



62.9155, 0.2984, 0.3254



92.3730, 0.2957, 0.3247



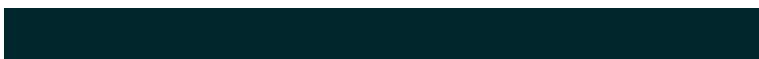
58.1274, 0.2983, 0.3136



13.7713, 0.2983, 0.3254



23.1503, 0.2112, 0.2803



1.4854, 0.2138, 0.2895



# Inverse Universe

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



57.6112, 0.3160, 0.3097



83.1193, 0.3167, 0.3059



62.8393, 0.3273, 0.3440



12.5988, 0.3161, 0.3095



10.6819, 0.3632, 0.1774

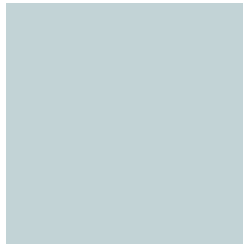


0.6533, 0.3548, 0.1728



# Previews

## White Background



This preview shows how the Yxy color 62.9129, 0.2984, 0.3254 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

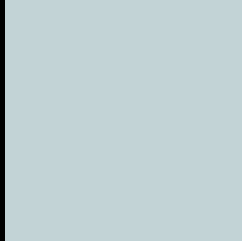
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.9129, 0.2984, 0.3254 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

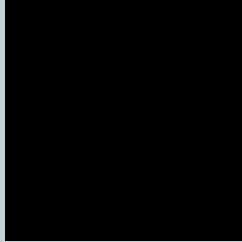
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

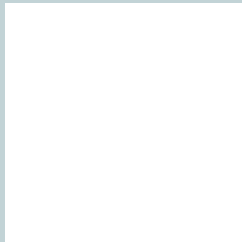
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 62.9129, 0.2984, 0.3254**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.9129, 0.2984, 0.3254.

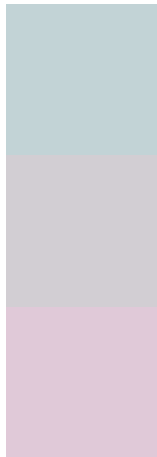


This preview shows how white text looks on a background with the Yxy color 62.9129, 0.2984, 0.3254.

# 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

62.9129, 0.2984, 0.3254

### Protanopia

62.5474, 0.3122, 0.3233

### Deuteranopia

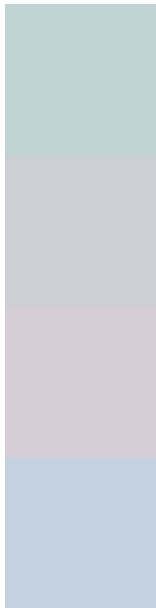
62.5784, 0.3197, 0.3125



## Tritanopia

62.8277, 0.2920, 0.3094

# Trichromacy



## Original Color

62.9129, 0.2984, 0.3254

## Protanomaly

62.7026, 0.3070, 0.3244

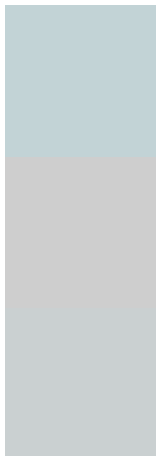
## Deuteranomaly

62.7151, 0.3117, 0.3177

## Tritanomaly

62.9692, 0.2939, 0.3150

# Monochromacy



## Original Color

62.9129, 0.2984, 0.3254

## Achromatopsia

61.7207, 0.3127, 0.3290

## Achromatomaly

62.2718, 0.3076, 0.3278

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.9129, 0.2984, 0.3254 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(194, 211, 214)` looks like.

```
.text, #text, p{  
    color:rgb(194, 211, 214)  
}
```

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(194, 211, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 211, 214) }
```

## Border

The CSS property to change the border of an element to Yxy 62.9129, 0.2984, 0.3254 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(194, 211, 214) }
```

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

```
.border{ border-color:rgb(194, 211, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 211, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 211, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 211, 214);  
box-shadow:4px 4px 4px 4px rgb(194, 211,  
214) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.9129, 0.2984, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 211, 214) }
```

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

```
.background{ background-color: rgb(194,  
211, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor