

# Converting Colors

Yxy(62.9514, 0.3094, 0.3421)

Have a look what the booklet for  
Yxy(62.9514, 0.3094, 0.3421)  
contains.

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# Color

**Yxy(63.1743, 0.3092, 0.3420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5D4C9
RGB	197, 212, 201
RGB Percent	77%, 83%, 79%
CMY	0.2273, 0.1686, 0.2118
CMYK	0.07, 0.00, 0.05, 0.17
HSL	136°, 15%, 80%
HSV	136°, 7%, 83%
XYZ	57.1155, 63.1743, 64.4304
YIQ	206.2610, -5.4090, -6.6010

# Conversions

## Conversions Part 2

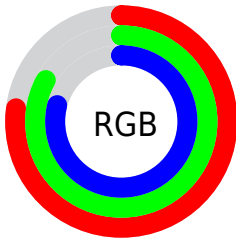
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 209, 212
Decimal	12965065
CIELab	83.53, -7.09, 3.70
CIElCh	84, 8.002, 152.447
Yxy	63.1743, 0.3092, 0.3420
Android (android.graphics.Color)	4291155145 (0xFFC5D4C9)
YUV	206.2610, -2.5937, -8.1219
Hunter-Lab	79.4823, -10.8249, 7.5756

# Details

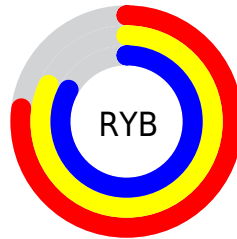
The Yxy color **63.1743, 0.3092, 0.3420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4985, 0.3164, 0.3163**, and the grayscale version is **61.9202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **32.0602, 0.3081, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **59.8157, 0.3042, 0.3624**, and if you desaturate by 10%, it is **67.0153, 0.3142, 0.3239**.

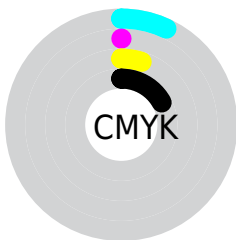
# Distribution



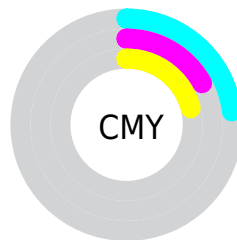
- Red (77%)
- Green (83%)
- Blue (79%)



- Red (77%)
- Yellow (82%)
- Blue (83%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)



- Cyan (23%)
- Magenta (17%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1743, 0.3092, 0.3420 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 63.1743, 0.3092, 0.3420 by changing the saturation by 10% instead.



■ 63.1743, 0.3092,  
0.3420

■ 63.1743, 0.3092,  
0.3420

436.2018, 0.3109,  
0.3358

■ 45.9822, 0.3088,  
0.3435

109.4209, 0.3098,  
0.3398

■ 32.2318, 0.3083,  
0.3453

139.2443, 0.3100,  
0.3390

■ 21.5386, 0.3076,  
0.3478

174.0469, 0.3102,  
0.3382

■ 13.5183, 0.3067,  
0.3510

214.2130, 0.3104,  
0.3376

■ 7.7864, 0.3054,  
0.3556

260.1272, 0.3106,  
0.3371

■ 3.9586, 0.3034,  
0.3626


312.1738, 0.3107,

■ 1.6504, 0.2999,


0.3366


0.3747


370.7372, 0.3108,  
0.3362


 0.3912, 0.2624,  
0.5167


 0.0000, 0.0000,  
0.0000

 63.1743, 0.3092,  
0.3420


 63.1743, 0.3092,  
0.3420


 59.8157, 0.3042,  
0.3624

 67.0153, 0.3142,  
0.3239


 56.9126, 0.2994,  
0.3853

 71.3485, 0.3190,  
0.3081

 54.4473, 0.2949,  
0.4104

 75.1104, 0.3196,  
0.2938

 52.3983, 0.2911,  
0.4373

 75.5666, 0.3147,  
0.2871

■ 50.7419, 0.2883,  
0.4653

■ 49.4520, 0.2866,  
0.4934

■ 48.4994, 0.2865,  
0.5201

■ 47.8499, 0.2879,  
0.5441

■ 47.4593, 0.2906,  
0.5641

# Harmonies

## Analogous

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



63.1743, 0.3194, 0.3463



63.1743, 0.3092, 0.3420



63.1743, 0.3001, 0.3340

# Triad

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



63.1743, 0.3092, 0.3420



63.1743, 0.2976, 0.3124



63.1743, 0.3314, 0.3328

# Complementary

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



63.1743, 0.3092, 0.3420



58.4985, 0.3164, 0.3163

# 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.



63.1743, 0.3254, 0.3239



63.1743, 0.3092, 0.3420



63.1743, 0.3059, 0.3123

# Square

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



63.1743, 0.3092, 0.3420



63.1743, 0.2935, 0.3169



63.1743, 0.3160, 0.3165



63.1743, 0.3323, 0.3408



# Rectangle

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



63.1743, 0.3092, 0.3420



63.1743, 0.2958, 0.3278



63.1743, 0.3160, 0.3165



63.1743, 0.3300, 0.3298

# Sweetspot

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



63.1770, 0.3092, 0.3420



98.8062, 0.3117, 0.3326



64.5663, 0.3203, 0.3463



21.1611, 0.3118, 0.3324



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

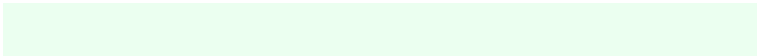


# Same Dimension

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



63.1770, 0.3092, 0.3420



95.4048, 0.3087, 0.3440



63.5275, 0.3043, 0.3334



13.9493, 0.3080, 0.3466



29.2597, 0.2908, 0.5668



1.7785, 0.2811, 0.5321



# Inverse Universe

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



58.4985, 0.3164, 0.3163



87.3256, 0.3170, 0.3145



58.1485, 0.3218, 0.3247



12.5741, 0.3178, 0.3120



10.1402, 0.4008, 0.1982

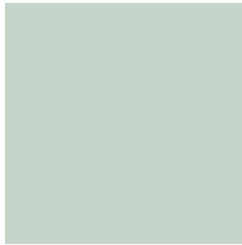


0.6249, 0.3840, 0.1889



# Previews

## White Background



This preview shows how the Yxy color 63.1743, 0.3092, 0.3420 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

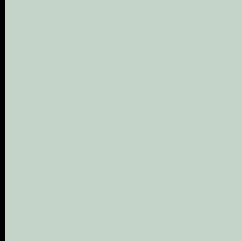
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 63.1743, 0.3092, 0.3420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

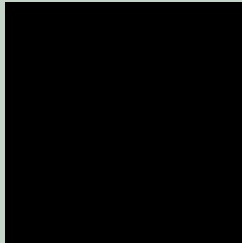
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

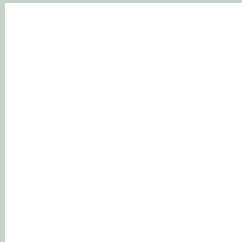
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 63.1743, 0.3092, 0.3420**

## **Background**



This preview shows how black text looks on a background with the Yxy color 63.1743, 0.3092, 0.3420.

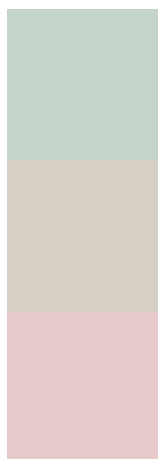


This preview shows how white text looks on a background with the Yxy color 63.1743, 0.3092, 0.3420.

# 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

63.1743, 0.3092, 0.3420

### Protanopia

62.9990, 0.3245, 0.3393

### Deuteranopia

62.9081, 0.3341, 0.3269



## Tritanopia

62.9655, 0.2961, 0.3095

# Trichromacy



**Original Color**

63.1743, 0.3092, 0.3420

**Protanomaly**

63.1343, 0.3190, 0.3406

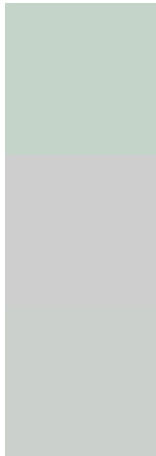
**Deuteranomaly**

62.8323, 0.3249, 0.3324

**Tritanomaly**

62.8382, 0.3013, 0.3209

# Monochromacy



**Original Color**

63.1743, 0.3092, 0.3420

**Achromatopsia**

61.7207, 0.3127, 0.3290

**Achromatomaly**

62.1679, 0.3117, 0.3337

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 63.1743, 0.3092, 0.3420 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, 212, 201)` looks like.

```
.text, #text, p{  
    color:rgb(197, 212, 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(197, 212, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 212, 201) }
```

## Border

The CSS property to change the border of an element to Yxy 63.1743, 0.3092, 0.3420 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, 212, 201) }
```

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

```
.border{ border-color:rgb(197, 212, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 212, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 212, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 212, 201);  
box-shadow:4px 4px 4px 4px rgb(197, 212,  
201) }
```



# Background

The CSS property to change the background color of an element to Yxy 63.1743, 0.3092, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 212, 201) }
```

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

```
.background{ background-color: rgb(197,  
212, 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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