

# Converting Colors

$Yxy(60.7715, 0.2985, 0.3401)$

Have a look what the booklet for  
Yxy(60.7715, 0.2985, 0.3401)  
contains.

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# Color

**Yxy(60.9201, 0.2984, 0.3399)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7D3CA
RGB	183, 211, 202
RGB Percent	72%, 83%, 79%
CMY	0.2824, 0.1725, 0.2078
CMYK	0.13, 0.00, 0.04, 0.17
HSL	161°, 24%, 77%
HSV	161°, 13%, 83%
XYZ	53.4821, 60.9201, 64.8273
YIQ	201.6020, -13.7990, -8.7350

# Conversions

## Conversions Part 2

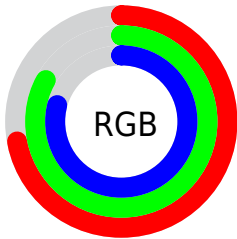
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	183, 200, 211
Decimal	12047306
CIE Lab	82.34, -11.07, 1.29
CIE LCh	82, 11.149, 173.348
Yxy	60.9201, 0.2984, 0.3399
Android (android.graphics.Color)	4290237386 (0xFFB7D3CA)
YUV	201.6020, 0.1962, -16.3140
Hunter-Lab	78.0513, -14.2786, 5.3913

# Details

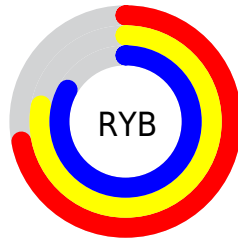
The Yxy color **60.9201, 0.2984, 0.3399** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.5155, 0.3294, 0.3184**, and the grayscale version is **58.8075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **30.6609, 0.2949, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **58.2128, 0.2882, 0.3491**, and if you desaturate by 10%, it is **64.0345, 0.3091, 0.3316**.

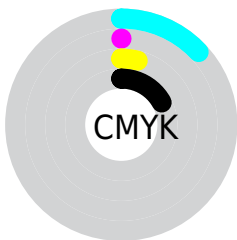
# Distribution



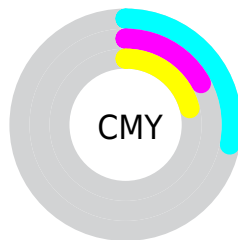
- Red (72%)
- Green (83%)
- Blue (79%)



- Red (72%)
- Yellow (78%)
- Blue (83%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)




- Cyan (28%)
- Magenta (17%)
- Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9201, 0.2984, 0.3399 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 60.9201, 0.2984, 0.3399 by changing the saturation by 10% instead.




 60.9201, 0.2984,  
0.3399

 60.9201, 0.2984,  
0.3399

427.9810, 0.3053,  
0.3347

 44.1607, 0.2968,  
0.3411


 106.1632, 0.3008,  
0.3380

 30.7969, 0.2947,  
0.3427


135.4158, 0.3018,  
0.3373

 20.4442, 0.2921,  
0.3447


169.6014, 0.3026,  
0.3367

 12.7184, 0.2885,  
0.3475

209.1047, 0.3032,  
0.3362

 7.2349, 0.2835,  
0.3514

254.3098, 0.3038,  
0.3358

 3.6094, 0.2759,  
0.3574

305.6013, 0.3044,

 1.4576, 0.2628,

0.3353

0.3677

363.3636, 0.3048,  
0.3350

0.2586, 0.0000,  
0.5748

0.0000, 0.0000,  
0.0000

60.9201, 0.2984,  
0.3399

60.9201, 0.2984,  
0.3399

58.2128, 0.2882,  
0.3491

64.0345, 0.3091,  
0.3316

55.8874, 0.2787,  
0.3591

67.5646, 0.3201,  
0.3241

53.9280, 0.2704,  
0.3699

71.5283, 0.3312,  
0.3174

52.3141, 0.2634,  
0.3814

73.5144, 0.3328,  
0.3109

■ 51.0236, 0.2581,  
0.3933

■ 73.9002, 0.3280,  
0.3043

■ 50.0313, 0.2547,  
0.4056

■ 74.3009, 0.3232,  
0.2977

■ 49.3086, 0.2533,  
0.4179

■ 74.7166, 0.3185,  
0.2913

■ 48.8208, 0.2539,  
0.4301

■ 75.0720, 0.3147,  
0.2861

■ 48.5849, 0.2551,  
0.4382

# Harmonies

## Analogous

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



60.9201, 0.3120, 0.3500



60.9201, 0.2984, 0.3399



60.9201, 0.2887, 0.3269

# Triad

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



60.9201, 0.2984, 0.3399



60.9201, 0.2991, 0.3050



60.9201, 0.3409, 0.3423

# Complementary

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



60.9201, 0.2984, 0.3399



51.5155, 0.3294, 0.3184

# 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.



60.9201, 0.3373, 0.3304



60.9201, 0.2984, 0.3399



60.9201, 0.3129, 0.3092

# Square

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



60.9201, 0.2984, 0.3399



60.9201, 0.2891, 0.3069



60.9201, 0.3270, 0.3184



60.9201, 0.3368, 0.3511



# Rectangle

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



60.9201, 0.2984, 0.3399



60.9201, 0.2857, 0.3185



60.9201, 0.3270, 0.3184



60.9201, 0.3406, 0.3385

# Sweetspot

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



60.9227, 0.2984, 0.3399



97.9076, 0.3083, 0.3322



61.2594, 0.3181, 0.3631



20.8745, 0.3075, 0.3328



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

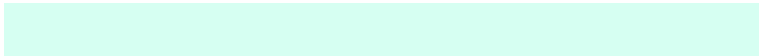


# Same Dimension

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



60.9227, 0.2984, 0.3399



92.2518, 0.2954, 0.3425



59.0739, 0.2924, 0.3233



13.3399, 0.3025, 0.3366



29.3382, 0.2546, 0.4364



1.6545, 0.2484, 0.4142



# Inverse Universe

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



51.5155, 0.3294, 0.3184



75.0164, 0.3337, 0.3159



53.0877, 0.3361, 0.3346



11.8699, 0.3241, 0.3216



8.6240, 0.5670, 0.2897

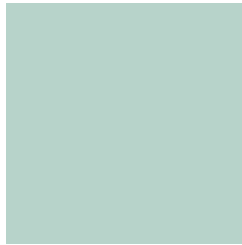


0.4966, 0.5145, 0.2608



# Previews

## White Background



This preview shows how the Yxy color 60.9201, 0.2984, 0.3399 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

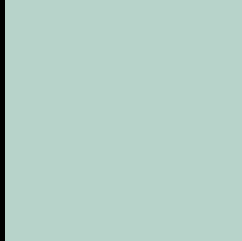
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.9201, 0.2984, 0.3399 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

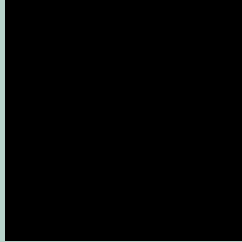
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

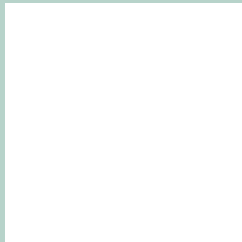
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.9201, 0.2984, 0.3399**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.9201, 0.2984, 0.3399.

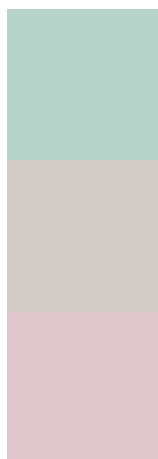


This preview shows how white text looks on a background with the Yxy color 60.9201, 0.2984, 0.3399.

# 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

60.9201, 0.2984, 0.3399

### Protanopia

60.9646, 0.3217, 0.3360

### Deuteranopia

60.6432, 0.3282, 0.3212



## Tritanopia

61.0584, 0.2870, 0.3101

# Trichromacy



## Original Color

60.9201, 0.2984, 0.3399

## Protanomaly

61.0285, 0.3130, 0.3385

## Deuteranomaly

60.6268, 0.3166, 0.3279

## Tritanomaly

60.9979, 0.2914, 0.3206

# Monochromacy



## Original Color

60.9201, 0.2984, 0.3399

## Achromatopsia

59.0619, 0.3127, 0.3290

## Achromatomaly

59.5290, 0.3073, 0.3326

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.9201, 0.2984, 0.3399 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(183, 211, 202)` looks like.

```
.text, #text, p{  
    color:rgb(183, 211, 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(183, 211, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 211, 202) }
```

## Border

The CSS property to change the border of an element to Yxy 60.9201, 0.2984, 0.3399 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(183, 211, 202) }
```

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

```
.border{ border-color:rgb(183, 211, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 211, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 211, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 211, 202);  
box-shadow:4px 4px 4px 4px rgb(183, 211,  
202) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.9201, 0.2984, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 211, 202) }
```

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

```
.background{ background-color: rgb(183,  
211, 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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