

# Converting Colors

Yxy(61.3188, 0.2904, 0.3439)

Have a look what the booklet for  
Yxy(61.3188, 0.2904, 0.3439)  
contains.

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# Color

**Yxy(61.1281, 0.2909, 0.3438)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACD6CA
RGB	172, 214, 202
RGB Percent	67%, 84%, 79%
CMY	0.3254, 0.1608, 0.2078
CMYK	0.20, 0.00, 0.06, 0.16
HSL	163°, 34%, 76%
HSV	163°, 20%, 84%
XYZ	51.7224, 61.1281, 64.9508
YIQ	200.0740, -21.1800, -12.6360

# Conversions

## Conversions Part 2

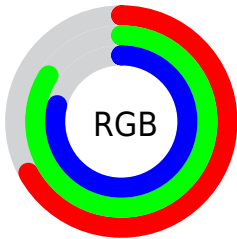
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 197, 214
Decimal	11327178
CIE <sub>Lab</sub>	82.45, -16.13, 1.38
CIE <sub>LCh</sub>	82, 16.192, 175.120
Yxy	61.1281, 0.2909, 0.3438
Android (android.graphics.Color)	4289517258 (0xFFACD6CA)
YUV	200.0740, 0.9495, -24.6209
Hunter-Lab	78.1845, -18.7373, 5.4746

# Details

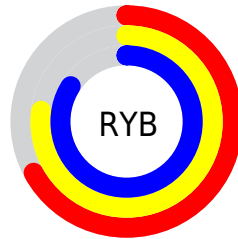
The Yxy color **61.1281, 0.2909, 0.3438** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.2675, 0.3405, 0.3147**, and the grayscale version is **57.8133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **30.8563, 0.2853, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **58.6168, 0.2807, 0.3524**, and if you desaturate by 10%, it is **64.0458, 0.3018, 0.3359**.

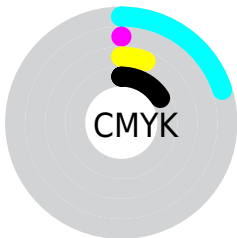
# Distribution



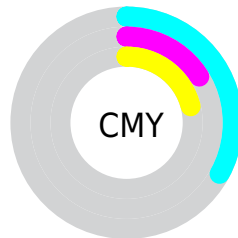
- Red (67%)
- Green (84%)
- Blue (79%)



- Red (67%)
- Yellow (77%)
- Blue (84%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)




- Cyan (33%)
- Magenta (16%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1281, 0.2909, 0.3438 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 61.1281, 0.2909, 0.3438 by changing the saturation by 10% instead.




 61.1281, 0.2909,  
0.3438

 61.1281, 0.2909,  
0.3438

428.7435, 0.3013,  
0.3367

 44.3286, 0.2884,  
0.3455


 106.4644, 0.2946,  
0.3413

 30.9289, 0.2853,  
0.3476


135.7699, 0.2960,  
0.3403

 20.5447, 0.2813,  
0.3504


170.0129, 0.2972,  
0.3395

 12.7916, 0.2760,  
0.3541

209.5778, 0.2983,  
0.3388

 7.2852, 0.2684,  
0.3594

254.8489, 0.2992,  
0.3382

 3.6411, 0.2569,  
0.3675

306.2106, 0.3000,

 1.4749, 0.2374,

0.3376

0.3814

364.0473, 0.3007,  
0.3371

0.2710, 0.0000,  
0.5769

0.0000, 0.0000,  
0.0000

61.1281, 0.2909,  
0.3438

61.1281, 0.2909,  
0.3438

58.6168, 0.2807,  
0.3524

64.0458, 0.3018,  
0.3359

56.4857, 0.2716,  
0.3618


67.3799, 0.3132,  
0.3287


54.7168, 0.2637,  
0.3717

71.1494, 0.3247,  
0.3223


53.2881, 0.2575,  
0.3821

74.8707, 0.3343,  
0.3166


 52.1749, 0.2531,  
0.3928


 75.2133, 0.3300,  
0.3105


 51.3490, 0.2507,  
0.4036


 75.5681, 0.3257,  
0.3045


 50.7771, 0.2502,  
0.4145

 75.9351, 0.3215,  
0.2987

 50.4019, 0.2515,  
0.4252

 76.3145, 0.3173,  
0.2929

 50.3890, 0.2516,  
0.4256

 76.5741, 0.3146,  
0.2891

# Harmonies

## Analogous

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



61.1281, 0.3103, 0.3592



61.1281, 0.2909, 0.3438



61.1281, 0.2775, 0.3245

# Triad

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



61.1281, 0.2909, 0.3438



61.1281, 0.2939, 0.2947



61.1281, 0.3537, 0.3488

# Complementary

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



61.1281, 0.2909, 0.3438



47.2675, 0.3405, 0.3147

# 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.



61.1281, 0.3491, 0.3318



61.1281, 0.2909, 0.3438



61.1281, 0.3141, 0.3013

# Square

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



61.1281, 0.2909, 0.3438



61.1281, 0.2792, 0.2966



61.1281, 0.3344, 0.3146



61.1281, 0.3469, 0.3614



# Rectangle

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



61.1281, 0.2909, 0.3438



61.1281, 0.2736, 0.3124



61.1281, 0.3344, 0.3146



61.1281, 0.3535, 0.3434

# Sweetspot

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



61.1306, 0.2909, 0.3438



96.9344, 0.3058, 0.3333



61.3390, 0.3195, 0.3812



20.6795, 0.3051, 0.3337



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

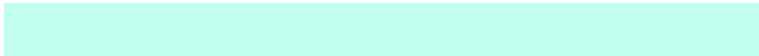


# Same Dimension

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



61.1306, 0.2909, 0.3438



89.1072, 0.2861, 0.3477



57.5795, 0.2829, 0.3186



14.0445, 0.3020, 0.3357



30.4750, 0.2511, 0.4240



1.8520, 0.2460, 0.4055



# Inverse Universe

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



47.2675, 0.3405, 0.3147



64.4722, 0.3488, 0.3111



50.0840, 0.3494, 0.3392



12.4786, 0.3247, 0.3224



8.8613, 0.5798, 0.2968

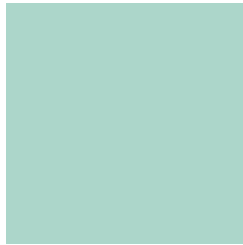


0.5487, 0.5299, 0.2693



# Previews

## White Background



This preview shows how the Yxy color 61.1281, 0.2909, 0.3438 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

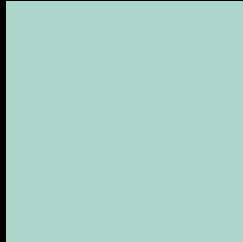
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.1281, 0.2909, 0.3438 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

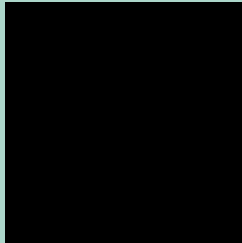
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

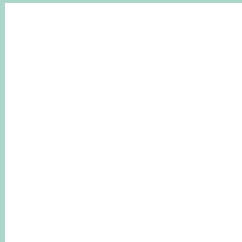
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.1281, 0.2909, 0.3438**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.1281, 0.2909, 0.3438.

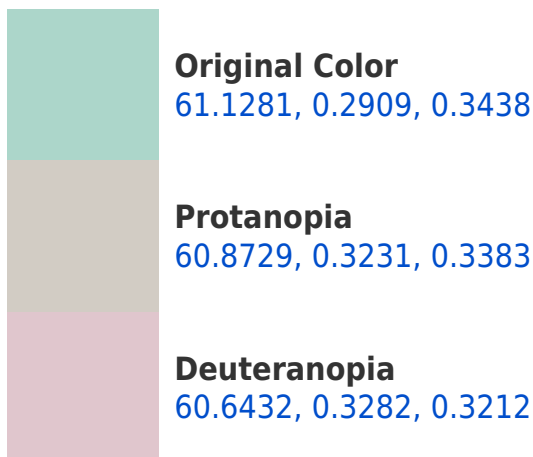


This preview shows how white text looks on a background with the Yxy color 61.1281, 0.2909, 0.3438.

# 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





## Tritanopia

60.9863, 0.2786, 0.3087

# Trichromacy



**Original Color**

61.1281, 0.2909, 0.3438

**Protanomaly**

60.9247, 0.3107, 0.3409

**Deuteranomaly**

60.5245, 0.3135, 0.3290

**Tritanomaly**

60.7644, 0.2828, 0.3204

# Monochromacy



**Original Color**

61.1281, 0.2909, 0.3438

**Achromatopsia**

57.7580, 0.3127, 0.3290

**Achromatomaly**

58.8268, 0.3042, 0.3338

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.1281, 0.2909, 0.3438 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(172, 214, 202)` looks like.

```
.text, #text, p{  
    color:rgb(172, 214, 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(172, 214, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 214, 202) }
```

## Border

The CSS property to change the border of an element to Yxy 61.1281, 0.2909, 0.3438 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(172, 214, 202) }
```

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

```
.border{ border-color:rgb(172, 214, 202) }
```

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

Here you see how a box with a 4 pixel rgb(172, 214, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 214, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 214, 202);  
box-shadow:4px 4px 4px 4px rgb(172, 214,  
202) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.1281, 0.2909, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 214, 202) }
```

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

```
.background{ background-color: rgb(172,  
214, 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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