

# Converting Colors

Yxy(61.9457, 0.2948, 0.3549)

Have a look what the booklet for  
Yxy(61.9457, 0.2948, 0.3549)  
contains.

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# Color

**Yxy(61.8225, 0.2954, 0.3551)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ACD8C3
RGB	172, 216, 195
RGB Percent	67%, 85%, 76%
CMY	0.3252, 0.1530, 0.2353
CMYK	0.20, 0.00, 0.10, 0.15
HSL	151°, 36%, 76%
HSV	151°, 20%, 85%
XYZ	51.4288, 61.8225, 60.8475
YIQ	200.4500, -19.4830, -15.8590

# Conversions

## Conversions Part 2

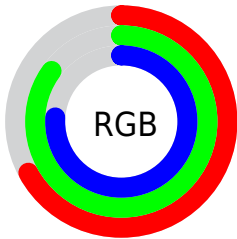
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 201, 216
Decimal	11327683
CIELab	82.82, -18.51, 5.64
CIELCh	83, 19.348, 163.051
Yxy	61.8225, 0.2954, 0.3551
Android (android.graphics.Color)	4289517763 (0xFFACD8C3)
YUV	200.4500, -2.6868, -24.9506
Hunter-Lab	78.6273, -20.8439, 9.1562

# Details

The Yxy color **61.8225, 0.2954, 0.3551** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.9798, 0.3343, 0.3043**, and the grayscale version is **58.0846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0423, 0.2980, 0.3320**, and **31.3348, 0.2912, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **59.1244, 0.2875, 0.3701**, and if you desaturate by 10%, it is **64.9553, 0.3038, 0.3415**.

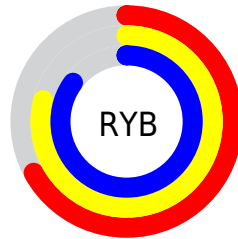
# Distribution



Red (67%)

Green (85%)

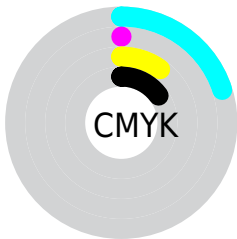
Blue (76%)



Red (67%)

Yellow (79%)

Blue (85%)

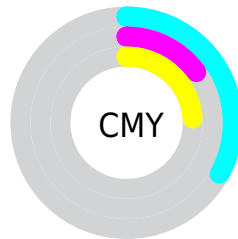


Cyan (20%)

Magenta (0%)

Yellow (10%)

Black (15%)



Cyan (33%)

Magenta (15%)


Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8225, 0.2954, 0.3551 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 61.8225, 0.2954, 0.3551 by changing the saturation by 10% instead.




 61.8225, 0.2954,  
0.3551

 61.8225, 0.2954,  
0.3551


431.2833, 0.3038,  
0.3424

 44.8893, 0.2934,  
0.3582


 107.4690, 0.2984,  
0.3506

 31.3702, 0.2909,  
0.3620


136.9510, 0.2995,  
0.3489

 20.8809, 0.2876,  
0.3671


171.3847, 0.3005,  
0.3474

 13.0370, 0.2831,  
0.3739

211.1546, 0.3013,  
0.3461

 7.4540, 0.2768,  
0.3838

256.6450, 0.3020,  
0.3450

 3.7476, 0.2670,  
0.3992


308.2404, 0.3027,

 1.5334, 0.2499,

0.3441

366.3250, 0.3033,  
0.3432


0.4266


 0.3121, 0.0000,  
1.0000


 0.0000, 0.0000,  
0.0000


 61.8225, 0.2954,  
0.3551


 61.8225, 0.2954,  
0.3551

 59.1244, 0.2875,  
0.3701


 64.9553, 0.3038,  
0.3415


 56.8334, 0.2805,  
0.3863


 68.5335, 0.3124,  
0.3294


 54.9308, 0.2745,  
0.4038

 72.5772, 0.3211,  
0.3186

 53.3930, 0.2701,  
0.4221


 76.4405, 0.3272,  
0.3089


 52.1941, 0.2674,  
0.4409

 77.0591, 0.3201,  
0.2989

 51.3043, 0.2667,  
0.4597

 77.5874, 0.3145,  
0.2910

 50.6885, 0.2680,  
0.4780

 50.2940, 0.2708,  
0.4949

# Harmonies

## Analogous

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



61.8225, 0.3198, 0.3698



61.8225, 0.2954, 0.3551



61.8225, 0.2762, 0.3328

# Triad

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



61.8225, 0.2954, 0.3551



61.8225, 0.2823, 0.2880



61.8225, 0.3611, 0.3445

# Complementary

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



61.8225, 0.2954, 0.3551



47.9798, 0.3343, 0.3043

# 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.



61.8225, 0.3503, 0.3237



61.8225, 0.2954, 0.3551



61.8225, 0.3042, 0.2920

# Square

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



61.8225, 0.2954, 0.3551



61.8225, 0.2688, 0.2944



61.8225, 0.3292, 0.3048



61.8225, 0.3583, 0.3623



# Rectangle

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



61.8225, 0.2954, 0.3551



61.8225, 0.2686, 0.3175



61.8225, 0.3292, 0.3048



61.8225, 0.3590, 0.3376

# Sweetspot

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



61.8251, 0.2954, 0.3551



96.7507, 0.3075, 0.3362



63.4647, 0.3257, 0.3823



20.6361, 0.3069, 0.3370



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

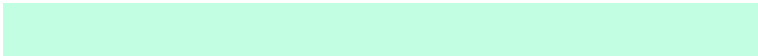


# Same Dimension

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



61.8251, 0.2954, 0.3551



88.4400, 0.2923, 0.3608



62.4684, 0.2824, 0.3280



14.0032, 0.3046, 0.3404



29.7935, 0.2701, 0.4923



1.8137, 0.2616, 0.4617



# Inverse Universe

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



47.9798, 0.3343, 0.3043



65.0852, 0.3395, 0.2994



47.3874, 0.3529, 0.3300



12.5187, 0.3217, 0.3179



9.2452, 0.5040, 0.2550

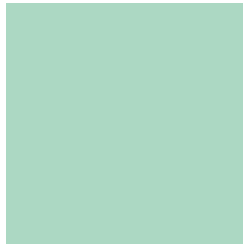


0.5743, 0.4641, 0.2330



# Previews

## White Background



This preview shows how the Yxy color 61.8225, 0.2954, 0.3551 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

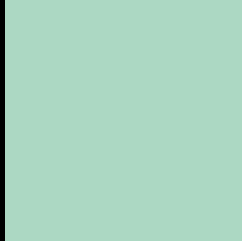
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.8225, 0.2954, 0.3551 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

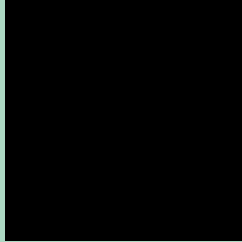
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

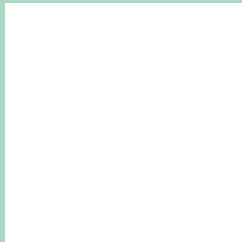
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.8225, 0.2954, 0.3551**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.8225, 0.2954, 0.3551.

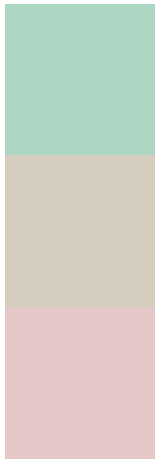


This preview shows how white text looks on a background with the Yxy color 61.8225, 0.2954, 0.3551.

# 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

61.8225, 0.2954, 0.3551

### Protanopia

61.4829, 0.3305, 0.3476

### Deuteranopia

61.4643, 0.3358, 0.3291



## Tritanopia

61.6549, 0.2787, 0.3088

# Trichromacy



**Original Color**

61.8225, 0.2954, 0.3551

**Protanomaly**

61.3683, 0.3170, 0.3505

**Deuteranomaly**

61.1498, 0.3200, 0.3372

**Tritanomaly**

61.7765, 0.2848, 0.3253

# Monochromacy



**Original Color**

61.8225, 0.2954, 0.3551

**Achromatopsia**

57.7580, 0.3127, 0.3290

**Achromatomaly**

59.1670, 0.3062, 0.3387

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.8225, 0.2954, 0.3551 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, 216, 195)` looks like.

```
.text, #text, p{  
    color:rgb(172, 216, 195)  
}
```

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, 216, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 216, 195) }
```

## Border

The CSS property to change the border of an element to Yxy 61.8225, 0.2954, 0.3551 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, 216, 195) }
```

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

```
.border{ border-color:rgb(172, 216, 195) }
```

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

Here you see how a box with a 4 pixel rgb(172, 216, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 216, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 216, 195);  
box-shadow:4px 4px 4px 4px rgb(172, 216,  
195) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.8225, 0.2954, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 216, 195) }
```

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

```
.background{ background-color: rgb(172,  
216, 195) }
```

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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