

# Converting Colors

$Yxy(61.5671, 0.2891, 0.3278)$

Have a look what the booklet for  
Yxy(61.5671, 0.2891, 0.3278)  
contains.

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# Color

**Yxy(61.5944, 0.2893, 0.3277)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4D4D5
RGB	180, 212, 213
RGB Percent	71%, 83%, 84%
CMY	0.2941, 0.1686, 0.1646
CMYK	0.16, 0.00, 0.00, 0.16
HSL	182°, 28%, 77%
HSV	182°, 16%, 84%
XYZ	54.3767, 61.5944, 71.9886
YIQ	202.5460, -19.3930, -6.4730

# Conversions

## Conversions Part 2

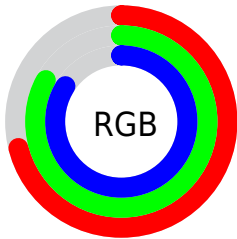
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 196, 213
Decimal	11850965
CIELab	82.70, -10.34, -4.07
CIELCh	83, 11.113, 201.460
Yxy	61.5944, 0.2893, 0.3277
Android (android.graphics.Color)	4290041045 (0xFFB4D4D5)
YUV	202.5460, 5.1538, -19.7728
Hunter-Lab	78.4821, -13.6690, 0.5531

# Details

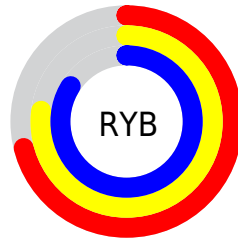
The Yxy color **61.5944, 0.2893, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.4972, 0.3415, 0.3303**, and the grayscale version is **59.3991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **31.0946, 0.2840, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **58.9059, 0.2753, 0.3268**, and if you desaturate by 10%, it is **64.6823, 0.3042, 0.3286**.

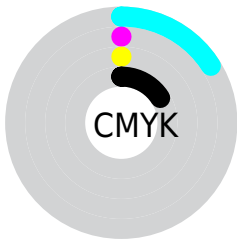
# Distribution



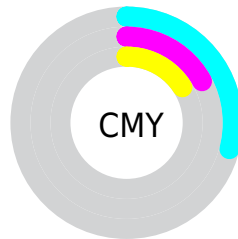
- Red (71%)
- Green (83%)
- Blue (84%)



- Red (71%)
- Yellow (77%)
- Blue (84%)



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




- Cyan (29%)
- Magenta (17%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5944, 0.2893, 0.3277 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 61.5944, 0.2893, 0.3277 by changing the saturation by 10% instead.





 61.5944, 0.2893,  
0.3277

 61.5944, 0.2893,  
0.3277

430.4501, 0.3004,  
0.3284

 44.7050, 0.2867,  
0.3275


 107.1391, 0.2932,  
0.3280

 31.2252, 0.2834,  
0.3272


136.5633, 0.2947,  
0.3281

 20.7704, 0.2793,  
0.3269


170.9345, 0.2960,  
0.3282

 12.9563, 0.2737,  
0.3264

210.6371, 0.2971,  
0.3282

 7.3984, 0.2659,  
0.3256

256.0556, 0.2981,  
0.3283

 3.7125, 0.2543,  
0.3242

307.5743, 0.2989,

 1.5141, 0.2351,

0.3283

365.5777, 0.2997,  
0.3284

0.3214

0.2986, 0.0334,  
0.3179

0.0000, 0.0000,  
0.0000

61.5944, 0.2893,  
0.3277

61.5944, 0.2893,  
0.3277

58.9059, 0.2753,  
0.3268

64.6823, 0.3042,  
0.3286

56.5911, 0.2626,  
0.3258

68.1786, 0.3198,  
0.3293

54.6335, 0.2514,  
0.3248

72.1017, 0.3357,  
0.3301

53.0119, 0.2419,  
0.3238

74.4799, 0.3440,  
0.3307

■ 51.7033, 0.2343,  
0.3227

■ 74.8146, 0.3439,  
0.3314

■ 50.6815, 0.2286,  
0.3217

■ 75.1506, 0.3437,  
0.3321

■ 49.9161, 0.2248,  
0.3207

■ 75.4880, 0.3436,  
0.3327

■ 49.3698, 0.2226,  
0.3197

■ 75.8267, 0.3435,  
0.3334

■ 49.1653, 0.2220,  
0.3192

■ 76.1668, 0.3434,  
0.3340

# Harmonies

## Analogous

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



61.5944, 0.2993, 0.3406



61.5944, 0.2893, 0.3277



61.5944, 0.2855, 0.3155

# Triad

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



61.5944, 0.2893, 0.3277



61.5944, 0.3120, 0.3089



61.5944, 0.3371, 0.3505

# Complementary

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



61.5944, 0.2893, 0.3277



50.4972, 0.3415, 0.3303

# 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.



61.5944, 0.3407, 0.3415



61.5944, 0.2893, 0.3277



61.5944, 0.3261, 0.3178

# Square

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



61.5944, 0.2893, 0.3277



61.5944, 0.2984, 0.3051



61.5944, 0.3367, 0.3296



61.5944, 0.3268, 0.3539



# Rectangle

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



61.5944, 0.2893, 0.3277



61.5944, 0.2869, 0.3095



61.5944, 0.3367, 0.3296



61.5944, 0.3391, 0.3480

# Sweetspot

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



61.5970, 0.2893, 0.3277



97.4108, 0.3049, 0.3286



60.6203, 0.3104, 0.3696



20.7747, 0.3038, 0.3285



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.



61.5970, 0.2893, 0.3277



90.9905, 0.2840, 0.3274



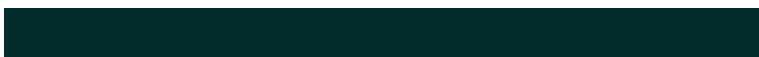
53.9684, 0.2885, 0.3079



14.0390, 0.2983, 0.3282



30.0539, 0.2221, 0.3194



1.8338, 0.2225, 0.3211



# Inverse Universe

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



51.5429, 0.3153, 0.2920



72.7920, 0.3160, 0.2831



57.4038, 0.3386, 0.3492



12.6258, 0.3143, 0.3067



11.3788, 0.3287, 0.1585

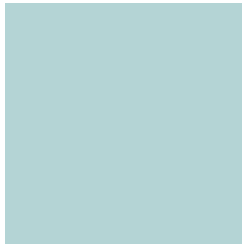


0.6884, 0.3273, 0.1577



# Previews

## White Background



This preview shows how the Yxy color 61.5944, 0.2893, 0.3277 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

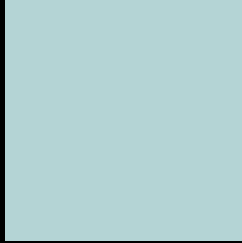
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.5944, 0.2893, 0.3277 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

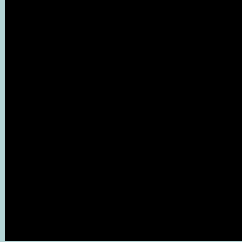
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

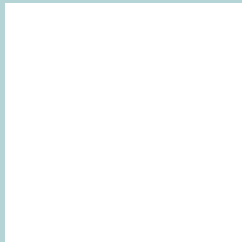
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.5944, 0.2893, 0.3277**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.5944, 0.2893, 0.3277.

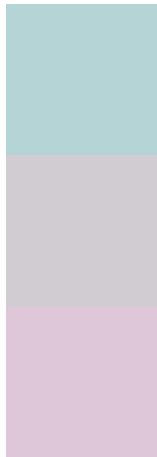


This preview shows how white text looks on a background with the Yxy color 61.5944, 0.2893, 0.3277.

# 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

61.5944, 0.2893, 0.3277

### Protanopia

61.1991, 0.3122, 0.3232

### Deuteranopia

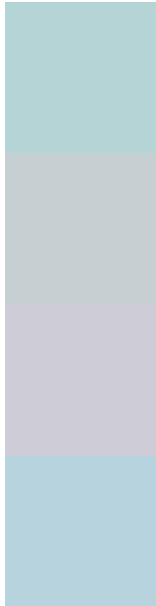
61.1769, 0.3175, 0.3101



## Tritanopia

61.7065, 0.2825, 0.3089

# Trichromacy



**Original Color**

61.5944, 0.2893, 0.3277

**Protanomaly**

61.2846, 0.3039, 0.3255

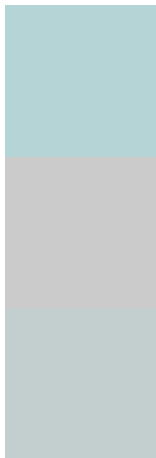
**Deuteranomaly**

61.2138, 0.3065, 0.3163

**Tritanomaly**

61.8075, 0.2850, 0.3159

# Monochromacy



**Original Color**

61.5944, 0.2893, 0.3277

**Achromatopsia**

59.7202, 0.3127, 0.3290

**Achromatomaly**

60.2497, 0.3038, 0.3278

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.5944, 0.2893, 0.3277 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(180, 212, 213)` looks like.

```
.text, #text, p{  
    color:rgb(180, 212, 213)  
}
```

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(180, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 212, 213) }
```

## Border

The CSS property to change the border of an element to Yxy 61.5944, 0.2893, 0.3277 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(180, 212, 213) }
```

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

```
.border{ border-color:rgb(180, 212, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 212, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 212, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 212, 213);  
box-shadow:4px 4px 4px 4px rgb(180, 212,  
213) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.5944, 0.2893, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 212, 213) }
```

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

```
.background{ background-color: rgb(180,  
212, 213) }
```

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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