

# Converting Colors

$Yxy(61.5471, 0.2921, 0.3301)$

Have a look what the booklet for  
Yxy(61.5471, 0.2921, 0.3301)  
contains.

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# Color

**Yxy(61.7352, 0.2919, 0.3301)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6D4D3
RGB	182, 212, 211
RGB Percent	71%, 83%, 83%
CMY	0.2864, 0.1686, 0.1724
CMYK	0.14, 0.00, 0.00, 0.17
HSL	178°, 26%, 77%
HSV	178°, 14%, 83%
XYZ	54.5910, 61.7352, 70.6934
YIQ	202.9160, -17.5590, -6.6710

# Conversions

## Conversions Part 2

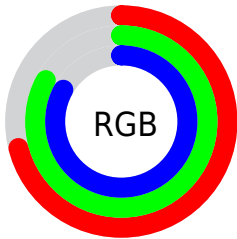
Format	Color
R <sub>YB</sub>	182, 197, 212
Decimal	11982035
CIE Lab	82.77, -10.12, -2.88
CIE LCh	83, 10.525, 195.908
Yxy	61.7352, 0.2919, 0.3301
Android (android.graphics.Color)	4290172115 (0xFFB6D4D3)
YUV	202.9160, 3.9854, -18.3433
Hunter-Lab	78.5718, -13.4801, 1.6552

# Details

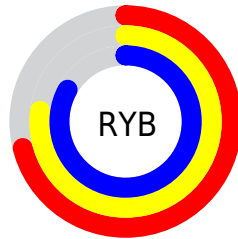
The Yxy color **61.7352, 0.2919, 0.3301** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.8577, 0.3380, 0.3279**, and the grayscale version is **59.6478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **31.2154, 0.2866, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **59.3153, 0.2783, 0.3310**, and if you desaturate by 10%, it is **64.5511, 0.3064, 0.3293**.

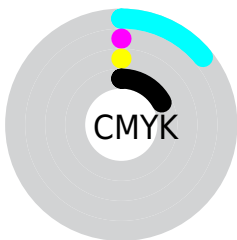
# Distribution



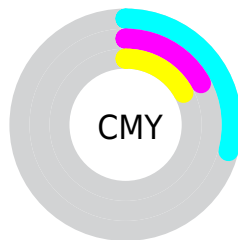
- Red (71%)
- Green (83%)
- Blue (83%)



- Red (71%)
- Yellow (77%)
- Blue (83%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)




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


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7352, 0.2919, 0.3301 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 61.7352, 0.2919, 0.3301 by changing the saturation by 10% instead.




 61.7352, 0.2919,  
0.3301

 61.7352, 0.2919,  
0.3301


430.9645, 0.3018,  
0.3297

 44.8188, 0.2896,  
0.3302


 107.3427, 0.2954,  
0.3300

 31.3147, 0.2867,  
0.3303


136.8026, 0.2967,  
0.3299

 20.8386, 0.2830,  
0.3304


171.2124, 0.2979,  
0.3298

 13.0061, 0.2780,  
0.3305

210.9566, 0.2989,  
0.3298

 7.4327, 0.2710,  
0.3306

256.4195, 0.2997,  
0.3298

 3.7342, 0.2606,  
0.3307

307.9855, 0.3005,

 1.5260, 0.2433,

0.3297

0.3304

366.0391, 0.3012,  
0.3297

0.3069, 0.0503,  
0.3459

0.0000, 0.0000,  
0.0000

61.7352, 0.2919,  
0.3301

61.7352, 0.2919,  
0.3301

59.3153, 0.2783,  
0.3310

64.5511, 0.3064,  
0.3293

57.2662, 0.2659,  
0.3319

67.7718, 0.3216,  
0.3286

55.5717, 0.2550,  
0.3329

71.4152, 0.3372,  
0.3280

54.2112, 0.2458,  
0.3339

73.1945, 0.3438,  
0.3273

■ 53.1622, 0.2385,  
0.3349

■ 73.2294, 0.3433,  
0.3266

■ 52.3993, 0.2332,  
0.3360

■ 73.2644, 0.3428,  
0.3259

■ 51.8931, 0.2297,  
0.3370

■ 73.2996, 0.3423,  
0.3252

■ 51.6081, 0.2279,  
0.3381

■ 73.3349, 0.3418,  
0.3245

■ 51.5080, 0.2274,  
0.3387

■ 73.3704, 0.3413,  
0.3238

# Harmonies

## Analogous

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



61.7352, 0.3022, 0.3420



61.7352, 0.2919, 0.3301



61.7352, 0.2871, 0.3182

# Triad

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



61.7352, 0.2919, 0.3301



61.7352, 0.3095, 0.3089



61.7352, 0.3369, 0.3482

# Complementary

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



61.7352, 0.2919, 0.3301



50.8577, 0.3380, 0.3279

# 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.



61.7352, 0.3390, 0.3389



61.7352, 0.2919, 0.3301



61.7352, 0.3230, 0.3165

# Square

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



61.7352, 0.2919, 0.3301



61.7352, 0.2971, 0.3063



61.7352, 0.3339, 0.3274



61.7352, 0.3282, 0.3525



# Rectangle

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



61.7352, 0.2919, 0.3301



61.7352, 0.2876, 0.3119



61.7352, 0.3339, 0.3274



61.7352, 0.3384, 0.3455

# Sweetspot

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



61.7378, 0.2919, 0.3301



98.0954, 0.3066, 0.3293



60.5310, 0.3117, 0.3663



20.9222, 0.3055, 0.3294



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.



61.7378, 0.2919, 0.3301



92.5956, 0.2877, 0.3304



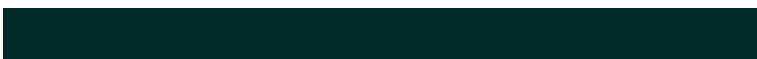
55.0788, 0.2907, 0.3118



14.1007, 0.2987, 0.3297



31.7987, 0.2274, 0.3385



1.9202, 0.2269, 0.3367



# Inverse Universe

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



50.8577, 0.3380, 0.3279



72.9785, 0.3444, 0.3277



56.8486, 0.3364, 0.3456



12.4272, 0.3286, 0.3283



8.6531, 0.6363, 0.3279



0.5242, 0.6248, 0.3215



# Previews

## White Background



This preview shows how the Yxy color 61.7352, 0.2919, 0.3301 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

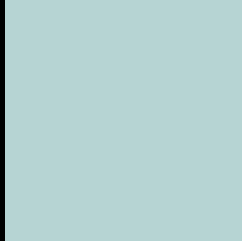
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.7352, 0.2919, 0.3301 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

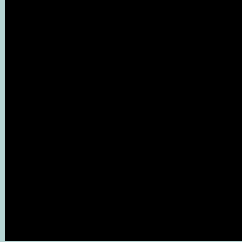
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

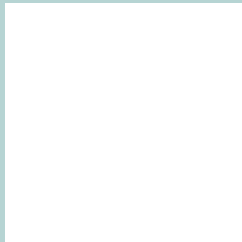
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.7352, 0.2919, 0.3301**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.7352, 0.2919, 0.3301.

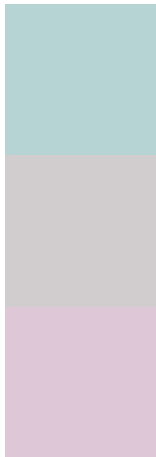


This preview shows how white text looks on a background with the Yxy color 61.7352, 0.2919, 0.3301.

# 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

61.7352, 0.2919, 0.3301

### Protanopia

61.7229, 0.3143, 0.3267

### Deuteranopia

61.2315, 0.3197, 0.3123



## Tritanopia

61.8985, 0.2845, 0.3101

# Trichromacy



## Original Color

61.7352, 0.2919, 0.3301

## Protanomaly

61.8079, 0.3060, 0.3290

## Deuteranomaly

61.2552, 0.3087, 0.3186

## Tritanomaly

61.9993, 0.2870, 0.3171

# Monochromacy



## Original Color

61.7352, 0.2919, 0.3301

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

60.2009, 0.3045, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.7352, 0.2919, 0.3301 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(182, 212, 211)` looks like.

```
.text, #text, p{  
    color:rgb(182, 212, 211)  
}
```

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(182, 212, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 212, 211) }
```

## Border

The CSS property to change the border of an element to Yxy 61.7352, 0.2919, 0.3301 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(182, 212, 211) }
```

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

```
.border{ border-color:rgb(182, 212, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 212, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 212, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 212, 211);  
box-shadow:4px 4px 4px 4px rgb(182, 212,  
211) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.7352, 0.2919, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 212, 211) }
```

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

```
.background{ background-color: rgb(182,  
212, 211) }
```

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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