

# Converting Colors

$Yxy(61.1142, 0.2870, 0.3204)$

Have a look what the booklet for  
Yxy(61.1142, 0.2870, 0.3204)  
contains.

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# Color

**Yxy(60.9267, 0.2874, 0.3205)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5D2D9
RGB	181, 210, 217
RGB Percent	71%, 82%, 85%
CMY	0.2901, 0.1765, 0.1489
CMYK	0.17, 0.03, 0.00, 0.15
HSL	192°, 32%, 78%
HSV	192°, 17%, 85%
XYZ	54.6344, 60.9267, 74.5378
YIQ	202.1270, -19.5310, -3.9710

# Conversions

## Conversions Part 2

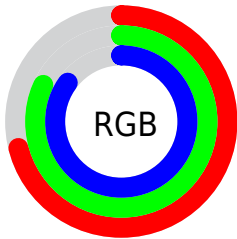
Format	Color
<b>RYB</b>	181, 197, 217
Decimal	11915993
CIELab	82.34, -8.15, -6.72
CIELCh	82, 10.557, 219.505
Yxy	60.9267, 0.2874, 0.3205
Android (android.graphics.Color)	4290106073 (0xFFB5D2D9)
YUV	202.1270, 7.3324, -18.5284
Hunter-Lab	78.0556, -11.6574, -1.9791

# Details

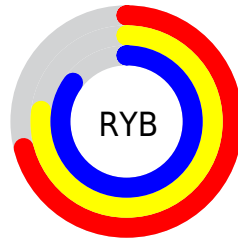
The Yxy color **60.9267, 0.2874, 0.3205** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.0835, 0.3428, 0.3373**, and the grayscale version is **59.1139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **30.9748, 0.2815, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **56.4422, 0.2727, 0.3148**, and if you desaturate by 10%, it is **65.8802, 0.3026, 0.3258**.

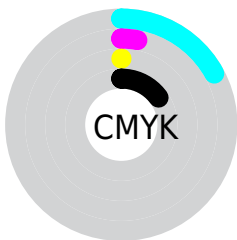
# Distribution



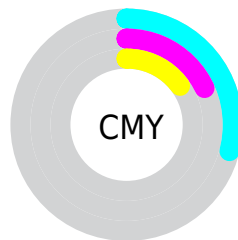
- Red (71%)
- Green (82%)
- Blue (85%)



- Red (71%)
- Yellow (77%)
- Blue (85%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (29%)
- Magenta (18%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9267, 0.2874, 0.3205 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 60.9267, 0.2874, 0.3205 by changing the saturation by 10% instead.



■ 60.9267, 0.2874,  
0.3205

■ 60.9267, 0.2874,  
0.3205

428.0052, 0.2994,  
0.3247

■ 44.1660, 0.2846,  
0.3195

■ 106.1728, 0.2916,  
0.3220

■ 30.8010, 0.2811,  
0.3182

135.4270, 0.2932,  
0.3226

■ 20.4474, 0.2765,  
0.3165

169.6145, 0.2946,  
0.3231

■ 12.7207, 0.2705,  
0.3142

209.1197, 0.2958,  
0.3235

■ 7.2365, 0.2621,  
0.3108

254.3269, 0.2969,  
0.3238

■ 3.6104, 0.2496,  
0.3056

305.6207, 0.2978,

■ 1.4581, 0.2290,

0.3241

0.2963

363.3853, 0.2987,  
0.3244

0.2590, 0.0447,  
0.2448

0.0000, 0.0000,  
0.0000

60.9267, 0.2874,  
0.3205

60.9267, 0.2874,  
0.3205

56.4422, 0.2727,  
0.3148

65.8802, 0.3026,  
0.3258

52.4000, 0.2589,  
0.3086

71.3133, 0.3180,  
0.3306

48.7817, 0.2461,  
0.3020

77.2455, 0.3334,  
0.3349

45.5648, 0.2348,  
0.2952

81.1754, 0.3392,  
0.3390

■ 42.7242, 0.2252,  
0.2882

■ 83.5205, 0.3386,  
0.3432

■ 40.2318, 0.2176,  
0.2810

■ 85.9229, 0.3379,  
0.3474

■ 38.0547, 0.2118,  
0.2739

■ 88.3832, 0.3373,  
0.3515

■ 36.1511, 0.2079,  
0.2669

■ 90.9016, 0.3367,  
0.3556

■ 35.5378, 0.2068,  
0.2645

■ 93.4786, 0.3361,  
0.3596

# Harmonies

## Analogous

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



60.9267, 0.2936, 0.3328



60.9267, 0.2874, 0.3205



60.9267, 0.2878, 0.3109

# Triad

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



60.9267, 0.2874, 0.3205



60.9267, 0.3203, 0.3145



60.9267, 0.3307, 0.3522

# Complementary

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



60.9267, 0.2874, 0.3205



54.0835, 0.3428, 0.3373

# 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.



60.9267, 0.3382, 0.3466



60.9267, 0.2874, 0.3205



60.9267, 0.3321, 0.3249

# Square

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



60.9267, 0.2874, 0.3205



60.9267, 0.3066, 0.3077



60.9267, 0.3387, 0.3366



60.9267, 0.3184, 0.3515



# Rectangle

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



60.9267, 0.2874, 0.3205



60.9267, 0.2918, 0.3072



60.9267, 0.3387, 0.3366



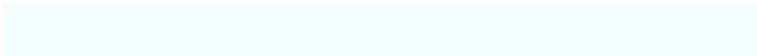
60.9267, 0.3338, 0.3510

# Sweetspot

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



60.9292, 0.2874, 0.3205



96.0839, 0.3049, 0.3266



63.0781, 0.3063, 0.3651



20.4512, 0.3039, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

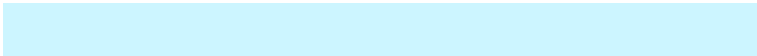


# Same Dimension

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



60.9292, 0.2874, 0.3205



85.3896, 0.2820, 0.3185



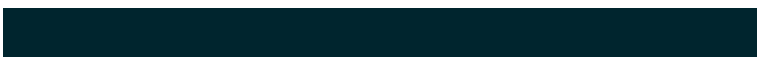
52.7267, 0.2864, 0.2988



14.3751, 0.2982, 0.3243



21.6587, 0.2071, 0.2655



1.5159, 0.2103, 0.2770



# Inverse Universe

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



52.4692, 0.3202, 0.2958



71.0411, 0.3220, 0.2884



62.0537, 0.3395, 0.3574



13.2290, 0.3167, 0.3104



10.8102, 0.3771, 0.1851

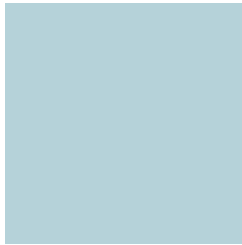


0.7117, 0.3663, 0.1791



# Previews

## White Background



This preview shows how the Yxy color 60.9267, 0.2874, 0.3205 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

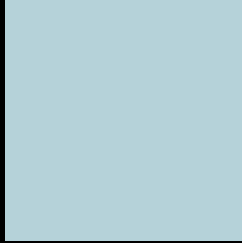
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.9267, 0.2874, 0.3205 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

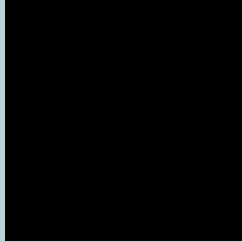
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

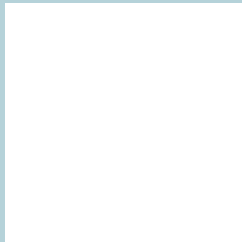
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.9267, 0.2874, 0.3205**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.9267, 0.2874, 0.3205.

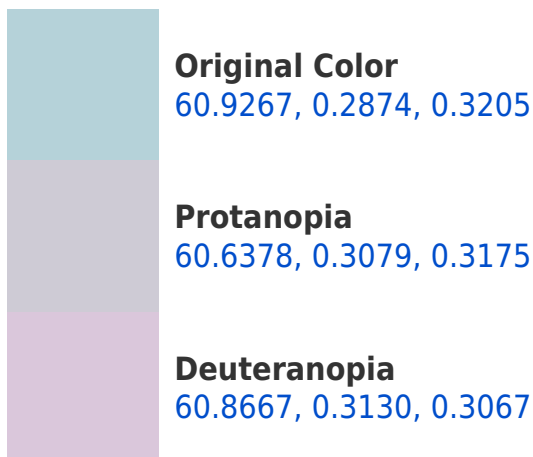


This preview shows how white text looks on a background with the Yxy color 60.9267, 0.2874, 0.3205.

# 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

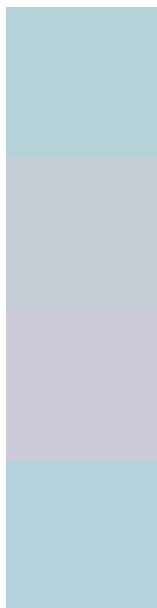




## Tritanopia

61.1045, 0.2837, 0.3100

# Trichromacy



## Original Color

60.9267, 0.2874, 0.3205

## Protanomaly

60.8680, 0.3005, 0.3196

## Deuteranomaly

60.7530, 0.3037, 0.3117

## Tritanomaly

60.8199, 0.2849, 0.3135

# Monochromacy



## Original Color

60.9267, 0.2874, 0.3205

## Achromatopsia

59.0619, 0.3127, 0.3290

## Achromatomaly

59.6370, 0.3031, 0.3266

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.9267, 0.2874, 0.3205 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(181, 210, 217)` looks like.

```
.text, #text, p{  
    color:rgb(181, 210, 217)  
}
```

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(181, 210, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 210, 217) }
```

## Border

The CSS property to change the border of an element to Yxy 60.9267, 0.2874, 0.3205 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(181, 210, 217) }
```

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

```
.border{ border-color:rgb(181, 210, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 210, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 210, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 210, 217);  
box-shadow:4px 4px 4px 4px rgb(181, 210,  
217) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.9267, 0.2874, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 210, 217) }
```

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

```
.background{ background-color: rgb(181,  
210, 217) }
```

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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