

Converting Colors

$Yxy(63.0137, 0.2809, 0.3113)$

Have a look what the booklet for
Yxy(63.0137, 0.2809, 0.3113)
contains.

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Color

Yxy(63.0137, 0.2809, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	B5D5E4
RGB	181, 213, 228
RGB Percent	71%, 84%, 89%
CMY	0.2900, 0.1647, 0.1060
CMYK	0.21, 0.07, 0.00, 0.11
HSL	199°, 46%, 80%
HSV	199°, 21%, 89%
XYZ	56.8601, 63.0137, 82.5473
YIQ	205.1420, -23.8870, -2.1190

Conversions

Conversions Part 2

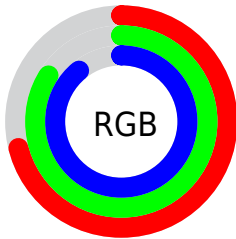
Format	Color
R _{YB}	181, 200, 228
Decimal	11916772
CIE Lab	83.45, -7.36, -10.90
CIE LCh	83, 13.154, 235.973
Yxy	63.0137, 0.2809, 0.3113
Android (android.graphics.Color)	4290106852 (0xFFB5D5E4)
YUV	205.1420, 11.2690, -21.1725
Hunter-Lab	79.3812, -11.0589, -6.0880

Details

The Yxy color **63.0137, 0.2809, 0.3113** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.3248, 0.3505, 0.3460**, and the grayscale version is **61.0900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **31.9829, 0.2724, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **56.9010, 0.2657, 0.3014**, and if you desaturate by 10%, it is **69.7469, 0.2964, 0.3204**.

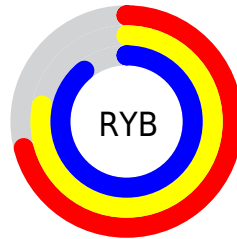
Distribution



Red (71%)

Green (84%)

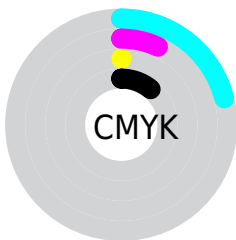
Blue (89%)



Red (71%)

Yellow (78%)

Blue (89%)

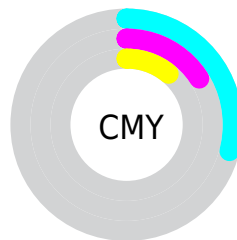


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0137, 0.2809, 0.3113 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 63.0137, 0.2809, 0.3113 by changing the saturation by 10% instead.

■ 63.0137, 0.2809,
0.3113

■ 63.0137, 0.2809,
0.3113

435.6192, 0.2959,
0.3198

■ 45.8523, 0.2774,
0.3093

■ 109.1893, 0.2861,
0.3143

■ 32.1293, 0.2731,
0.3067

138.9722, 0.2882,
0.3155

■ 21.4603, 0.2676,
0.3034

173.7312, 0.2899,
0.3165

■ 13.4609, 0.2603,
0.2989

213.8505, 0.2914,
0.3173

■ 7.7467, 0.2503,
0.2926

259.7145, 0.2927,
0.3181

■ 3.9333, 0.2356,
0.2830

311.7077, 0.2939,

■ 1.6363, 0.2121,

0.3187

0.2669

370.2145, 0.2949,
0.3193

0.3819, 0.1042,
0.2171

0.0000, 0.0000,
0.0000

63.0137, 0.2809,
0.3113

63.0137, 0.2809,
0.3113

56.9010, 0.2657,
0.3014

69.7469, 0.2964,
0.3204

51.3771, 0.2510,
0.2908

77.1153, 0.3118,
0.3286

46.4186, 0.2374,
0.2794

85.1428, 0.3270,
0.3359

41.9972, 0.2250,
0.2676

90.4309, 0.3300,
0.3429

■ 38.0817, 0.2144,
0.2554

■ 94.8534, 0.3292,
0.3499

■ 34.6365, 0.2057,
0.2431

■ 98.3802, 0.3286,
0.3552

■ 31.6196, 0.1990,
0.2309

■ 29.1046, 0.1944,
0.2197

Harmonies

Analogous

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



63.0137, 0.2841, 0.3251



63.0137, 0.2809, 0.3113



63.0137, 0.2859, 0.3028

Triad

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



63.0137, 0.2809, 0.3113



63.0137, 0.3306, 0.3178



63.0137, 0.3270, 0.3582

Complementary

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



63.0137, 0.2809, 0.3113



59.3248, 0.3505, 0.3460

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.



63.0137, 0.3399, 0.3553



63.0137, 0.2809, 0.3113



63.0137, 0.3422, 0.3318

Square

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



63.0137, 0.2809, 0.3113



63.0137, 0.3144, 0.3067



63.0137, 0.3456, 0.3455



63.0137, 0.3104, 0.3528

Rectangle

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



63.0137, 0.2809, 0.3113



63.0137, 0.2934, 0.3010



63.0137, 0.3456, 0.3455



63.0137, 0.3319, 0.3582

Sweetspot

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



63.0163, 0.2809, 0.3113



94.1354, 0.3034, 0.3242



69.2861, 0.3010, 0.3674



20.0161, 0.3024, 0.3236



0.0000, 0.0000, 0.0000



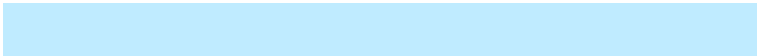
21.4041, 0.3127, 0.3290

Same Dimension

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



63.0163, 0.2809, 0.3113



77.5423, 0.2739, 0.3069



52.1085, 0.2790, 0.2828



15.5196, 0.2981, 0.3213



17.0325, 0.1949, 0.2215



1.4244, 0.1997, 0.2390

Inverse Universe

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



54.3636, 0.3269, 0.2936



64.6084, 0.3308, 0.2855



70.6874, 0.3454, 0.3713



14.5328, 0.3187, 0.3131



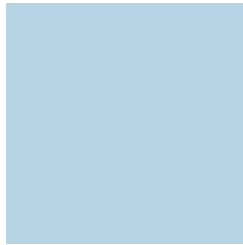
10.9172, 0.4216, 0.2096



0.8235, 0.4033, 0.1995

Previews

White Background



This preview shows how the Yxy color 63.0137, 0.2809, 0.3113 looks on a white background.

Color Contrast Check

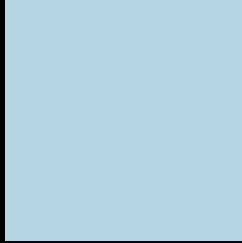
Large Text (above 18pt) WCAG AA × Fail

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 63.0137, 0.2809, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

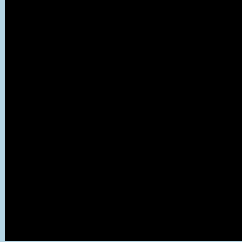
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

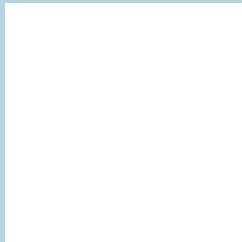
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0137, 0.2809, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 63.0137, 0.2809, 0.3113.



This preview shows how white text looks on a background with the Yxy color 63.0137, 0.2809, 0.3113.

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

63.0137, 0.2809, 0.3113

Protanopia

62.6462, 0.3004, 0.3086

Deuteranopia

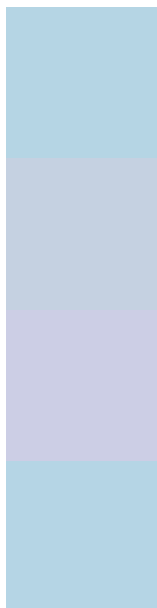
62.7059, 0.3044, 0.2981



Tritanopia

63.1254, 0.2797, 0.3090

Trichromacy



Original Color

63.0137, 0.2809, 0.3113

Protanomaly

62.9075, 0.2933, 0.3105

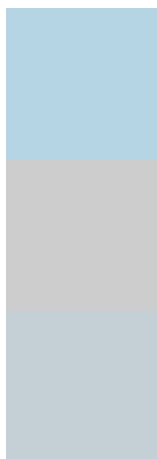
Deuteranomaly

62.6371, 0.2956, 0.3030

Tritanomaly

63.0694, 0.2803, 0.3101

Monochromacy



Original Color

63.0137, 0.2809, 0.3113

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.6516, 0.3005, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0137, 0.2809, 0.3113 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, 213, 228)` looks like.

```
.text, #text, p{  
    color:rgb(181, 213, 228)  
}
```

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, 213, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 213, 228) }
```

Border

The CSS property to change the border of an element to Yxy 63.0137, 0.2809, 0.3113 is called "border". The border property can be set on classes, ids or directly on the HTML element.

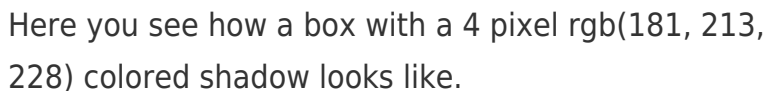
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 213, 228) }
```

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

```
.border{ border-color:rgb(181, 213, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 213, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 213, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 213, 228);  
box-shadow:4px 4px 4px 4px rgb(181, 213,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0137, 0.2809, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 213, 228) }
```

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

```
.background{ background-color: rgb(181,  
213, 228) }
```

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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