

Converting Colors

$Yxy(64.0755, 0.2921, 0.3118)$

Have a look what the booklet for
Yxy(64.0755, 0.2921, 0.3118)
contains.

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Color

Yxy(63.8153, 0.2920, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	C4D3E2
RGB	196, 211, 226
RGB Percent	77%, 83%, 89%
CMY	0.2315, 0.1725, 0.1136
CMYK	0.13, 0.07, 0.00, 0.11
HSL	210°, 34%, 83%
HSV	210°, 13%, 89%
XYZ	59.7821, 63.8153, 81.1357
YIQ	208.2250, -13.7550, 1.4850

Conversions

Conversions Part 2

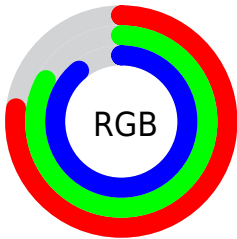
Format	Color
R _Y B	196, 206, 226
Decimal	12899298
CIE Lab	83.87, -2.07, -9.13
CIE LCh	84, 9.364, 257.204
Yxy	63.8153, 0.2920, 0.3117
Android (android.graphics.Color)	4291089378 (0xFFC4D3E2)
YUV	208.2250, 8.7631, -10.7213
Hunter-Lab	79.8845, -6.2162, -4.2995

Details

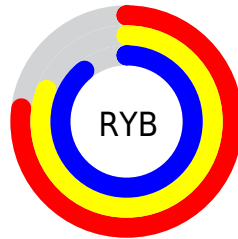
The Yxy color **63.8153, 0.2920, 0.3117** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7343, 0.3348, 0.3457**, and the grayscale version is **63.1776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **32.8050, 0.2867, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **55.5987, 0.2758, 0.2970**, and if you desaturate by 10%, it is **72.8877, 0.3077, 0.3250**.

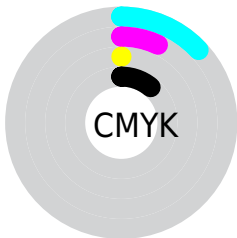
Distribution



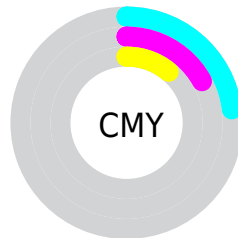
- Red (77%)
- Green (83%)
- Blue (89%)



- Red (77%)
- Yellow (81%)
- Blue (89%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8153, 0.2920, 0.3117 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 63.8153, 0.2920, 0.3117 by changing the saturation by 10% instead.

■ 63.8153, 0.2920,
0.3117

■ 63.8153, 0.2920,
0.3117

438.5224, 0.3018,
0.3199

■ 46.5011, 0.2897,
0.3098

110.3449, 0.2954,
0.3146

■ 32.6414, 0.2869,
0.3074

140.3291, 0.2967,
0.3157

■ 21.8519, 0.2833,
0.3043

175.3054, 0.2979,
0.3167

■ 13.7481, 0.2784,
0.3001

215.6582, 0.2989,
0.3175

■ 7.9457, 0.2718,
0.2944

261.7719, 0.2997,
0.3182

■ 4.0602, 0.2619,
0.2858

314.0309, 0.3005,

■ 1.7073, 0.2459,

0.3188

0.2716

372.8196, 0.3012,
0.3194

0.4284, 0.1880,
0.2259

0.0000, 0.0000,
0.0000

63.8153, 0.2920,
0.3117

63.8153, 0.2920,
0.3117

55.5987, 0.2758,
0.2970

72.8877, 0.3077,
0.3250

48.2015, 0.2594,
0.2808

82.8348, 0.3227,
0.3368

41.5962, 0.2431,
0.2633

91.9829, 0.3309,
0.3475

35.7505, 0.2275,
0.2447

98.2724, 0.3297,
0.3571

■ 30.6292, 0.2129,
0.2253

■ 26.1937, 0.2001,
0.2057

■ 22.4005, 0.1893,
0.1863

■ 19.1984, 0.1810,
0.1677

■ 17.3344, 0.1766,
0.1558

Harmonies

Analogous

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



63.8153, 0.2901, 0.3191



63.8153, 0.2920, 0.3117



63.8153, 0.2994, 0.3090

Triad

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



63.8153, 0.2920, 0.3117



63.8153, 0.3317, 0.3281



63.8153, 0.3147, 0.3474

Complementary

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



63.8153, 0.2920, 0.3117



66.7343, 0.3348, 0.3457

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.



63.8153, 0.3260, 0.3496



63.8153, 0.2920, 0.3117



63.8153, 0.3359, 0.3382

Square

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



63.8153, 0.2920, 0.3117



63.8153, 0.3223, 0.3184



63.8153, 0.3338, 0.3462



63.8153, 0.3030, 0.3400

Rectangle

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



63.8153, 0.2920, 0.3117



63.8153, 0.3065, 0.3101



63.8153, 0.3338, 0.3462



63.8153, 0.3186, 0.3488

Sweetspot

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



63.8180, 0.2920, 0.3117



94.9092, 0.3066, 0.3240



70.8155, 0.3020, 0.3468



20.1140, 0.3054, 0.3231



0.0000, 0.0000, 0.0000



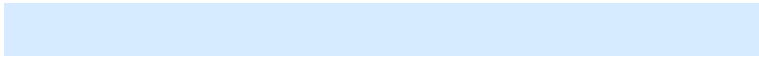
21.4041, 0.3127, 0.3290

Same Dimension

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



63.8180, 0.2920, 0.3117



80.7475, 0.2875, 0.3077



56.9135, 0.2915, 0.2945



14.3713, 0.2981, 0.3170



10.1245, 0.1774, 0.1585



0.8809, 0.1851, 0.1864

Inverse Universe

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



60.3404, 0.3254, 0.3124



75.4308, 0.3285, 0.3087



74.2914, 0.3326, 0.3613



13.8144, 0.3214, 0.3173



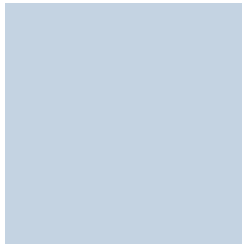
9.9301, 0.4949, 0.2500



0.7064, 0.4609, 0.2313

Previews

White Background



This preview shows how the Yxy color 63.8153, 0.2920, 0.3117 looks on a white background.

Color Contrast Check

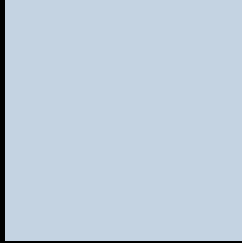
Large Text (above 18pt) WCAG AA × Fail

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 63.8153, 0.2920, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

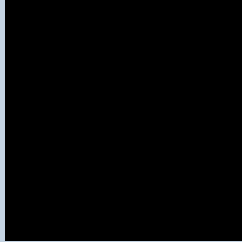
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

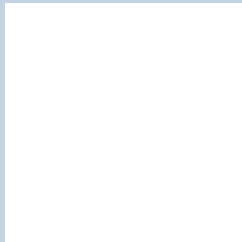
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8153, 0.2920, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 63.8153, 0.2920, 0.3117.

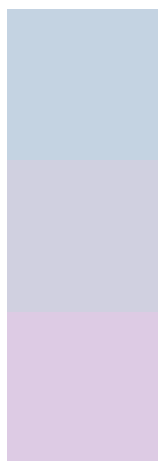


This preview shows how white text looks on a background with the Yxy color 63.8153, 0.2920, 0.3117.

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

63.8153, 0.2920, 0.3117

Protanopia

63.9035, 0.3018, 0.3109

Deuteranopia

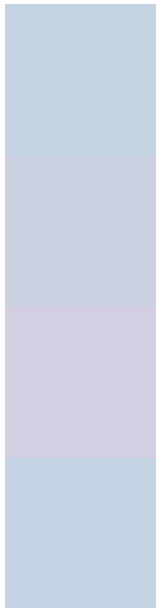
63.6855, 0.3087, 0.3017



Tritanopia

63.9257, 0.2908, 0.3095

Trichromacy



Original Color

63.8153, 0.2920, 0.3117

Protanomaly

63.8745, 0.2983, 0.3108

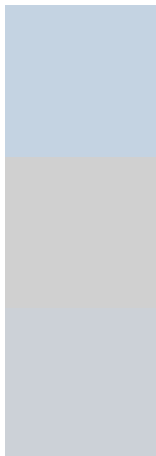
Deuteranomaly

63.6857, 0.3027, 0.3056

Tritanomaly

63.8703, 0.2914, 0.3106

Monochromacy



Original Color

63.8153, 0.2920, 0.3117

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.3446, 0.3049, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8153, 0.2920, 0.3117 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(196, 211, 226)` looks like.

```
.text, #text, p{  
    color:rgb(196, 211, 226)  
}
```

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(196, 211, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 211, 226) }
```

Border

The CSS property to change the border of an element to Yxy 63.8153, 0.2920, 0.3117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

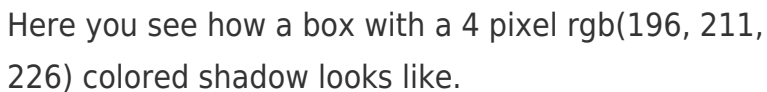
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 211, 226) }
```

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

```
.border{ border-color:rgb(196, 211, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 211, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 211, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 211, 226); box-shadow:4px 4px 4px 4px rgb(196, 211, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8153, 0.2920, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 211, 226) }
```

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

```
.background{ background-color: rgb(196,  
211, 226) }
```

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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