

Converting Colors

Yxy(64.1138, 0.2953, 0.3234)

Have a look what the booklet for
Yxy(64.1138, 0.2953, 0.3234)
contains.

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Color

Yxy(63.9879, 0.2951, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	C1D5DA
RGB	193, 213, 218
RGB Percent	76%, 84%, 85%
CMY	0.2431, 0.1647, 0.1450
CMYK	0.11, 0.02, 0.00, 0.15
HSL	192°, 25%, 81%
HSV	192°, 11%, 85%
XYZ	58.4427, 63.9879, 75.6131
YIQ	207.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

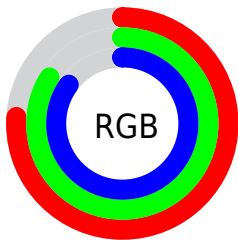
Format	Color
R _Y B	193, 204, 218
Decimal	12703194
CIE Lab	83.96, -5.69, -4.77
CIE LCh	84, 7.419, 219.972
Yxy	63.9879, 0.2951, 0.3231
Android (android.graphics.Color)	4290893274 (0xFFC1D5DA)
YUV	207.5900, 5.1321, -12.7954
Hunter-Lab	79.9924, -9.5742, -0.0493

Details

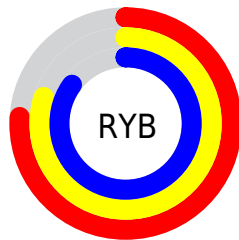
The Yxy color **63.9879, 0.2951, 0.3231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1535, 0.3325, 0.3348**, and the grayscale version is **62.7719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **32.5870, 0.2906, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **59.1640, 0.2801, 0.3174**, and if you desaturate by 10%, it is **69.2988, 0.3104, 0.3283**.

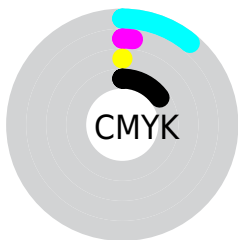
Distribution



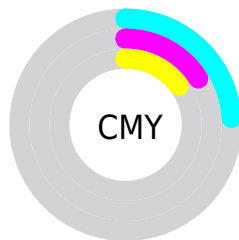
- Red (76%)
- Green (84%)
- Blue (85%)



- Red (76%)
- Yellow (80%)
- Blue (85%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9879, 0.2951, 0.3231 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 63.9879, 0.2951, 0.3231 by changing the saturation by 10% instead.

■ 63.9879, 0.2951,
0.3231

■ 63.9879, 0.2951,
0.3231

439.1459, 0.3034,
0.3260

■ 46.6409, 0.2932,
0.3224

■ 110.5935, 0.2980,
0.3241

■ 32.7518, 0.2908,
0.3216

140.6209, 0.2991,
0.3245

■ 21.9364, 0.2877,
0.3204

175.6438, 0.3001,
0.3248

■ 13.8102, 0.2836,
0.3189

216.0467, 0.3009,
0.3251

■ 7.9888, 0.2779,
0.3168

262.2140, 0.3017,
0.3254

■ 4.0878, 0.2694,
0.3135

314.5300, 0.3023,

■ 1.7228, 0.2556,

0.3256

0.3078

373.3792, 0.3029,
0.3258

0.4383, 0.1820,
0.2871

0.0000, 0.0000,
0.0000

63.9879, 0.2951,
0.3231

63.9879, 0.2951,
0.3231

59.1640, 0.2801,
0.3174

69.2988, 0.3104,
0.3283

54.8001, 0.2657,
0.3113

75.1065, 0.3258,
0.3330

50.8788, 0.2523,
0.3048

80.7789, 0.3386,
0.3372

47.3782, 0.2402,
0.2979

83.1881, 0.3380,
0.3415

■ 44.2742, 0.2297,
0.2907

■ 85.6583, 0.3374,
0.3458

■ 41.5400, 0.2209,
0.2834

■ 88.1900, 0.3367,
0.3501

■ 39.1451, 0.2141,
0.2761

■ 90.7836, 0.3361,
0.3543

■ 37.0528, 0.2092,
0.2687

■ 93.4395, 0.3355,
0.3585

■ 35.4557, 0.2063,
0.2626

■ 96.1583, 0.3349,
0.3626

Harmonies

Analogous

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



63.9879, 0.2994, 0.3315



63.9879, 0.2951, 0.3231



63.9879, 0.2955, 0.3164

Triad

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



63.9879, 0.2951, 0.3231



63.9879, 0.3181, 0.3190



63.9879, 0.3250, 0.3451

Complementary

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



63.9879, 0.2951, 0.3231



59.1535, 0.3325, 0.3348

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.



63.9879, 0.3302, 0.3414



63.9879, 0.2951, 0.3231



63.9879, 0.3262, 0.3263

Square

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



63.9879, 0.2951, 0.3231



63.9879, 0.3087, 0.3142



63.9879, 0.3307, 0.3345



63.9879, 0.3166, 0.3444

Rectangle

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



63.9879, 0.2951, 0.3231



63.9879, 0.2983, 0.3139



63.9879, 0.3307, 0.3345



63.9879, 0.3272, 0.3443

Sweetspot

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



63.9906, 0.2951, 0.3231



97.6032, 0.3081, 0.3275



65.5677, 0.3080, 0.3527



20.7564, 0.3068, 0.3271



0.0000, 0.0000, 0.0000



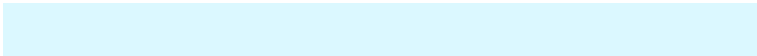
21.4041, 0.3127, 0.3290

Same Dimension

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



63.9906, 0.2951, 0.3231



89.3649, 0.2911, 0.3217



57.9429, 0.2948, 0.3083



14.3630, 0.2982, 0.3242



21.3930, 0.2066, 0.2637



1.5009, 0.2099, 0.2755

Inverse Universe

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



57.8519, 0.3178, 0.3064



78.8473, 0.3191, 0.3010



65.1058, 0.3308, 0.3489



13.2278, 0.3168, 0.3105



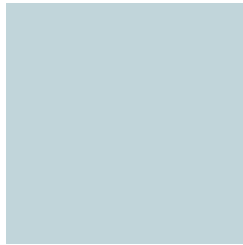
10.7834, 0.3789, 0.1861



0.7102, 0.3677, 0.1799

Previews

White Background



This preview shows how the Yxy color 63.9879, 0.2951, 0.3231 looks on a white background.

Color Contrast Check

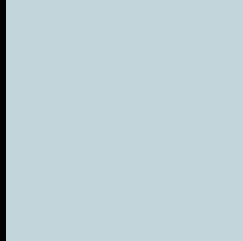
Large Text (above 18pt) WCAG AA × Fail

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 63.9879, 0.2951, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

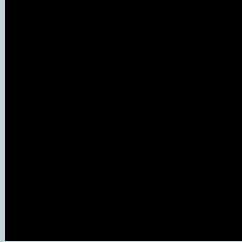
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

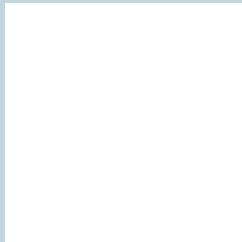
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9879, 0.2951, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 63.9879, 0.2951, 0.3231.

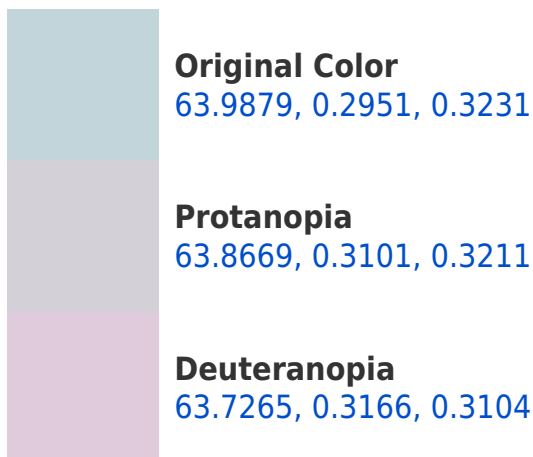


This preview shows how white text looks on a background with the Yxy color 63.9879, 0.2951, 0.3231.

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

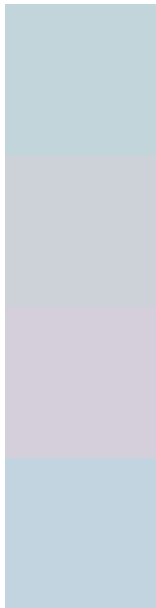




Tritanopia

63.7921, 0.2901, 0.3094

Trichromacy



Original Color

63.9879, 0.2951, 0.3231

Protanomaly

63.8884, 0.3042, 0.3221

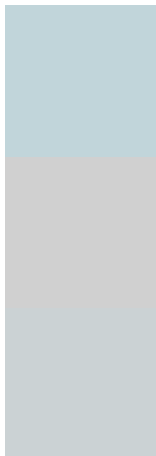
Deuteranomaly

63.8863, 0.3089, 0.3155

Tritanomaly

63.9381, 0.2920, 0.3151

Monochromacy



Original Color

63.9879, 0.2951, 0.3231

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.5432, 0.3062, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9879, 0.2951, 0.3231 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(193, 213, 218)` looks like.

```
.text, #text, p{  
    color:rgb(193, 213, 218)  
}
```

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(193, 213, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 213, 218) }
```

Border

The CSS property to change the border of an element to Yxy 63.9879, 0.2951, 0.3231 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(193, 213, 218) }
```

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

```
.border{ border-color:rgb(193, 213, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 213, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 213, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 213, 218);  
box-shadow:4px 4px 4px 4px rgb(193, 213,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9879, 0.2951, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 213, 218) }
```

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

```
.background{ background-color: rgb(193,  
213, 218) }
```

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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