

Converting Colors

$Yxy(63.8202, 0.3007, 0.3325)$

Have a look what the booklet for
Yxy(63.8202, 0.3007, 0.3325)
contains.

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Color

Yxy(63.7110, 0.3010, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	C2D5D2
RGB	194, 213, 210
RGB Percent	76%, 84%, 82%
CMY	0.2392, 0.1647, 0.1765
CMYK	0.09, 0.00, 0.01, 0.16
HSL	170°, 18%, 80%
HSV	170°, 9%, 84%
XYZ	57.6752, 63.7110, 70.2258
YIQ	206.9770, -10.3610, -4.9610

Conversions

Conversions Part 2

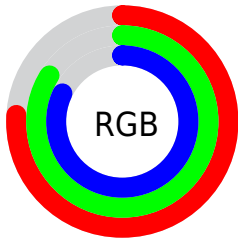
Format	Color
RYB	194, 204, 213
Decimal	12768722
CIELab	83.82, -6.93, -0.70
CIElCh	84, 6.968, 185.802
Yxy	63.7110, 0.3010, 0.3325
Android (android.graphics.Color)	4290958802 (0xFFC2D5D2)
YUV	206.9770, 1.4903, -11.3808
Hunter-Lab	79.8192, -10.7042, 3.7094

Details

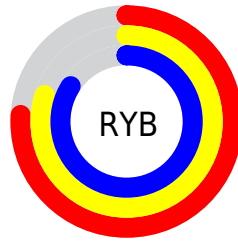
The Yxy color **63.7110, 0.3010, 0.3325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7646, 0.3258, 0.3255**, and the grayscale version is **62.3782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **32.4295, 0.2974, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **60.9278, 0.2884, 0.3368**, and if you desaturate by 10%, it is **66.9071, 0.3142, 0.3286**.

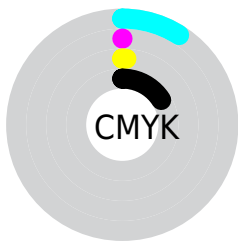
Distribution



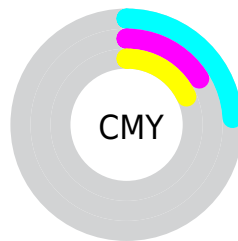
- Red (76%)
- Green (84%)
- Blue (82%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7110, 0.3010, 0.3325 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 63.7110, 0.3010, 0.3325 by changing the saturation by 10% instead.

■ 63.7110, 0.3010,
0.3325

■ 63.7110, 0.3010,
0.3325

438.1453, 0.3066,
0.3309

■ 46.4166, 0.2997,
0.3329

■ 110.1946, 0.3030,
0.3319

■ 32.5747, 0.2981,
0.3334

140.1527, 0.3037,
0.3317

■ 21.8009, 0.2960,
0.3340

175.1008, 0.3043,
0.3315

■ 13.7106, 0.2932,
0.3348

215.4232, 0.3049,
0.3314

■ 7.9197, 0.2893,
0.3359

261.5045, 0.3054,
0.3312

■ 4.0436, 0.2835,
0.3375

313.7291, 0.3058,

■ 1.6980, 0.2738,

0.3311

0.3402

372.4812, 0.3062,
0.3310

0.4224, 0.1995,
0.3629

0.0000, 0.0000,
0.0000

63.7110, 0.3010,
0.3325

63.7110, 0.3010,
0.3325

60.9278, 0.2884,
0.3368

66.9071, 0.3142,
0.3286

58.5324, 0.2767,
0.3414

70.5240, 0.3276,
0.3251

56.5089, 0.2662,
0.3464

74.0244, 0.3390,
0.3219

54.8377, 0.2572,
0.3517

74.2052, 0.3366,
0.3185

■ 53.4970, 0.2498,
0.3572

■ 74.3896, 0.3342,
0.3151

■ 52.4627, 0.2442,
0.3628

■ 74.5776, 0.3318,
0.3118

■ 51.7075, 0.2407,
0.3684

■ 74.7693, 0.3294,
0.3085

■ 51.1989, 0.2390,
0.3741

■ 74.9647, 0.3270,
0.3052

■ 50.8856, 0.2389,
0.3797

■ 75.1639, 0.3246,
0.3019

Harmonies

Analogous

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



63.7110, 0.3087, 0.3396



63.7110, 0.3010, 0.3325



63.7110, 0.2964, 0.3245

Triad

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



63.7110, 0.3010, 0.3325



63.7110, 0.3077, 0.3147



63.7110, 0.3295, 0.3399

Complementary

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



63.7110, 0.3010, 0.3325



56.7646, 0.3258, 0.3255

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.



63.7110, 0.3293, 0.3331



63.7110, 0.3010, 0.3325



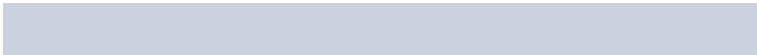
63.7110, 0.3166, 0.3188

Square

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



63.7110, 0.3010, 0.3325



63.7110, 0.3003, 0.3144



63.7110, 0.3245, 0.3254



63.7110, 0.3252, 0.3438

Rectangle

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



63.7110, 0.3010, 0.3325



63.7110, 0.2958, 0.3198



63.7110, 0.3245, 0.3254



63.7110, 0.3300, 0.3379

Sweetspot

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



63.7137, 0.3010, 0.3325



98.5000, 0.3087, 0.3302



63.3796, 0.3140, 0.3516



20.9993, 0.3076, 0.3305



0.0000, 0.0000, 0.0000



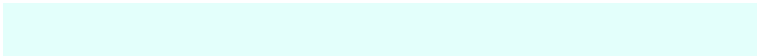
21.4041, 0.3127, 0.3290

Same Dimension

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



63.7137, 0.3010, 0.3325



94.7798, 0.2982, 0.3334



60.7410, 0.2990, 0.3215



14.0725, 0.3003, 0.3327



31.0761, 0.2387, 0.3795



1.8837, 0.2361, 0.3698

Inverse Universe

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



56.7646, 0.3258, 0.3255



81.9626, 0.3294, 0.3246



59.5075, 0.3274, 0.3364



12.4526, 0.3266, 0.3253



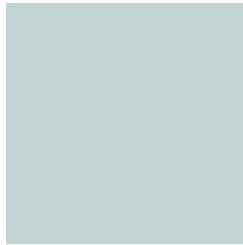
8.7205, 0.6165, 0.3170



0.5362, 0.5729, 0.2930

Previews

White Background



This preview shows how the Yxy color 63.7110, 0.3010, 0.3325 looks on a white background.

Color Contrast Check

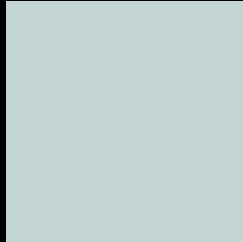
Large Text (above 18pt) WCAG AA × Fail

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 63.7110, 0.3010, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

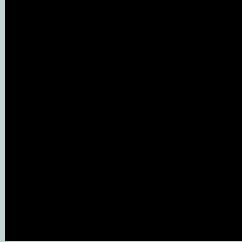
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

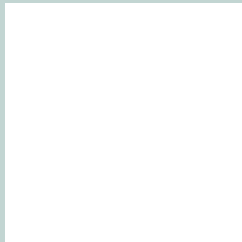
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7110, 0.3010, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 63.7110, 0.3010, 0.3325.

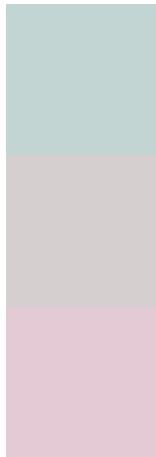


This preview shows how white text looks on a background with the Yxy color 63.7110, 0.3010, 0.3325.

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

63.7110, 0.3010, 0.3325

Protanopia

63.7629, 0.3172, 0.3302

Deuteranopia

63.3254, 0.3249, 0.3180



Tritanopia

63.5096, 0.2921, 0.3095

Trichromacy



Original Color

63.7110, 0.3010, 0.3325

Protanomaly

63.7691, 0.3111, 0.3313

Deuteranomaly

63.2928, 0.3160, 0.3234

Tritanomaly

63.5448, 0.2952, 0.3174

Monochromacy



Original Color

63.7110, 0.3010, 0.3325

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.7116, 0.3082, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7110, 0.3010, 0.3325 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(194, 213, 210)` looks like.

```
.text, #text, p{  
    color:rgb(194, 213, 210)  
}
```

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(194, 213, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 213, 210) }
```

Border

The CSS property to change the border of an element to Yxy 63.7110, 0.3010, 0.3325 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(194, 213, 210) }
```

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

```
.border{ border-color:rgb(194, 213, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 213, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 213, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 213, 210);  
box-shadow:4px 4px 4px 4px rgb(194, 213,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7110, 0.3010, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 213, 210) }
```

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

```
.background{ background-color: rgb(194,  
213, 210) }
```

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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