

Converting Colors

$Yxy(63.7038, 0.3034, 0.3346)$

Have a look what the booklet for
Yxy(63.7038, 0.3034, 0.3346)
contains.

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Color

Yxy(63.8783, 0.3037, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	C4D5D0
RGB	196, 213, 208
RGB Percent	77%, 84%, 82%
CMY	0.2314, 0.1647, 0.1842
CMYK	0.08, 0.00, 0.02, 0.16
HSL	162°, 17%, 80%
HSV	162°, 8%, 84%
XYZ	57.9446, 63.8783, 68.9725
YIQ	207.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

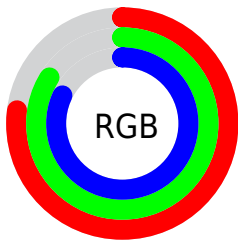
Format	Color
R _Y B	196, 206, 213
Decimal	12899792
CIE Lab	83.90, -6.65, 0.48
CIE LCh	84, 6.668, 175.870
Yxy	63.8783, 0.3037, 0.3348
Android (android.graphics.Color)	4291089872 (0xFFC4D5D0)
YUV	207.3470, 0.3219, -9.9513
Hunter-Lab	79.9239, -10.4549, 4.7808

Details

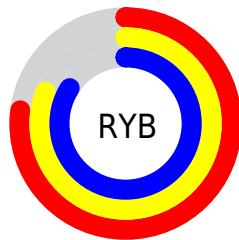
The Yxy color **63.8783, 0.3037, 0.3348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8350, 0.3226, 0.3233**, and the grayscale version is **62.6354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **32.5376, 0.3010, 0.3352** is the 20% darker color. If you saturate the color by 10%, you get **60.9245, 0.2928, 0.3428**, and if you desaturate by 10%, it is **67.2550, 0.3150, 0.3276**.

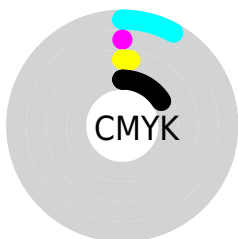
Distribution



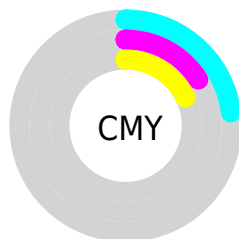
- Red (77%)
- Green (84%)
- Blue (82%)



- Red (77%)
- Yellow (81%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (23%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8783, 0.3037, 0.3348 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 63.8783, 0.3037, 0.3348 by changing the saturation by 10% instead.

■ 63.8783, 0.3037,
0.3348

■ 63.8783, 0.3037,
0.3348

438.7500, 0.3080,
0.3321

■ 46.5521, 0.3027,
0.3354

110.4356, 0.3052,
0.3338

■ 32.6817, 0.3014,
0.3363

140.4356, 0.3058,
0.3335

■ 21.8827, 0.2998,
0.3373

175.4289, 0.3063,
0.3331

■ 13.7708, 0.2977,
0.3387

215.8000, 0.3067,
0.3329

■ 7.9614, 0.2946,
0.3406

261.9333, 0.3071,
0.3326

■ 4.0703, 0.2901,
0.3436

314.2131, 0.3074,

■ 1.7129, 0.2826,

0.3324

0.3485

373.0239, 0.3077,
0.3322

0.4320, 0.2222,
0.3867

0.0000, 0.0000,
0.0000

63.8783, 0.3037,
0.3348

63.8783, 0.3037,
0.3348

60.9245, 0.2928,
0.3428

67.2550, 0.3150,
0.3276

58.3683, 0.2826,
0.3515


71.0627, 0.3265,
0.3212

56.1942, 0.2733,
0.3609


74.3806, 0.3343,
0.3153

54.3823, 0.2653,
0.3709

74.7296, 0.3299,
0.3092

 52.9111, 0.2588,
0.3815


 75.0912, 0.3255,
0.3031

 51.7565, 0.2541,
0.3924


 75.4655, 0.3212,
0.2971

 50.8914, 0.2514,
0.4035

 75.8525, 0.3169,
0.2913

 50.2839, 0.2507,
0.4146

 76.0714, 0.3146,
0.2881

 49.8881, 0.2519,
0.4256

Harmonies

Analogous

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



63.8783, 0.3117, 0.3409



63.8783, 0.3037, 0.3348



63.8783, 0.2982, 0.3272

Triad

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



63.8783, 0.3037, 0.3348



63.8783, 0.3053, 0.3148



63.8783, 0.3292, 0.3375

Complementary

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



63.8783, 0.3037, 0.3348



57.8350, 0.3226, 0.3233

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.



63.8783, 0.3275, 0.3305



63.8783, 0.3037, 0.3348



63.8783, 0.3136, 0.3176

Square

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



63.8783, 0.3037, 0.3348



63.8783, 0.2991, 0.3157



63.8783, 0.3217, 0.3233



63.8783, 0.3265, 0.3423

Rectangle

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



63.8783, 0.3037, 0.3348



63.8783, 0.2966, 0.3224



63.8783, 0.3217, 0.3233



63.8783, 0.3291, 0.3353

Sweetspot

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



63.8810, 0.3037, 0.3348



98.9500, 0.3104, 0.3304



64.0064, 0.3155, 0.3490



21.1904, 0.3105, 0.3304



0.0000, 0.0000, 0.0000



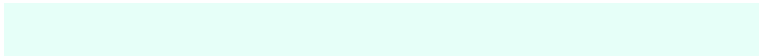
21.4041, 0.3127, 0.3290

Same Dimension

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



63.8810, 0.3037, 0.3348



95.0101, 0.3014, 0.3364



62.4349, 0.3004, 0.3250



14.0432, 0.3021, 0.3359



30.4488, 0.2517, 0.4262



1.8506, 0.2465, 0.4073

Inverse Universe

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



57.8350, 0.3226, 0.3233



83.6870, 0.3255, 0.3217



59.1580, 0.3260, 0.3330



12.4799, 0.3246, 0.3222



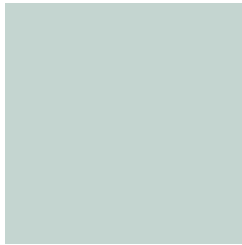
8.8704, 0.5777, 0.2956



0.5494, 0.5278, 0.2681

Previews

White Background



This preview shows how the Yxy color 63.8783, 0.3037, 0.3348 looks on a white background.

Color Contrast Check

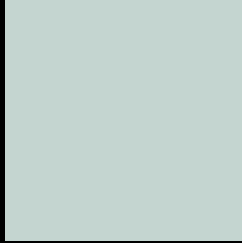
Large Text (above 18pt) WCAG AA × Fail

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 63.8783, 0.3037, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

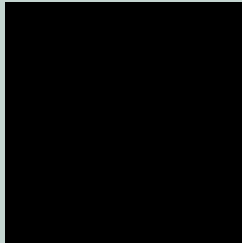
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

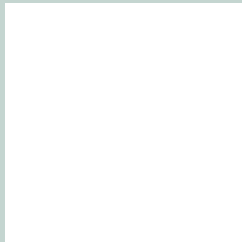
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8783, 0.3037, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 63.8783, 0.3037, 0.3348.

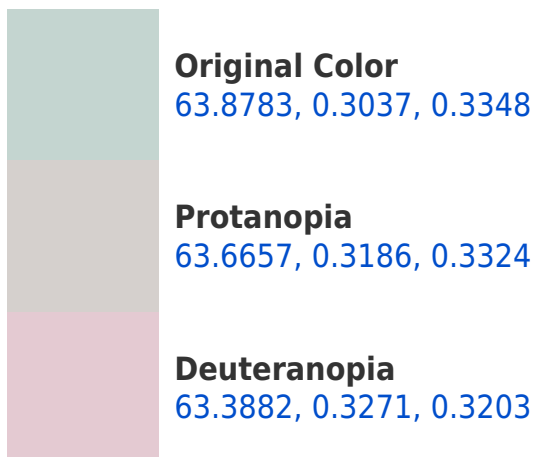


This preview shows how white text looks on a background with the Yxy color 63.8783, 0.3037, 0.3348.

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

63.7814, 0.2935, 0.3096

Trichromacy



Original Color

63.8783, 0.3037, 0.3348

Protanomaly

63.8148, 0.3132, 0.3336

Deuteranomaly

63.3450, 0.3182, 0.3256

Tritanomaly

63.7616, 0.2973, 0.3186

Monochromacy



Original Color

63.8783, 0.3037, 0.3348

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.8024, 0.3096, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8783, 0.3037, 0.3348 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, 213, 208)` looks like.

```
.text, #text, p{  
    color:rgb(196, 213, 208)  
}
```

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, 213, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 213, 208) }
```

Border

The CSS property to change the border of an element to Yxy 63.8783, 0.3037, 0.3348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

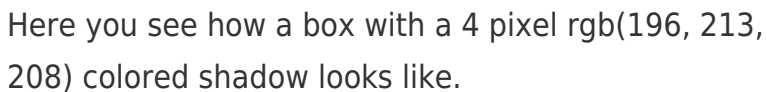
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 213, 208) }
```

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

```
.border{ border-color:rgb(196, 213, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 213, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 213, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 213, 208); box-shadow:4px 4px 4px 4px rgb(196, 213, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8783, 0.3037, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 213, 208) }
```

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

```
.background{ background-color: rgb(196,  
213, 208) }
```

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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