

Converting Colors

$Y_{xy}(63.3000, 0.3015, 0.3361)$

Have a look what the booklet for
Yxy(63.3000, 0.3015, 0.3361)
contains.

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Color

Yxy(63.3000, 0.3015, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	C0D5CF
RGB	192, 213, 207
RGB Percent	75%, 84%, 81%
CMY	0.2473, 0.1646, 0.1883
CMYK	0.10, 0.00, 0.03, 0.16
HSL	163°, 20%, 79%
HSV	163°, 10%, 84%
XYZ	56.7835, 63.3000, 68.2533
YIQ	206.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

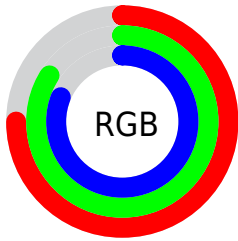
Format	Color
RYB	192, 204, 213
Decimal	12637647
CIELab	83.60, -8.20, 0.56
CIElCh	84, 8.217, 176.106
Yxy	63.3000, 0.3015, 0.3361
Android (android.graphics.Color)	4290827727 (0xFFC0D5CF)
YUV	206.0370, 0.4748, -12.3104
Hunter-Lab	79.5613, -11.8354, 4.8298

Details

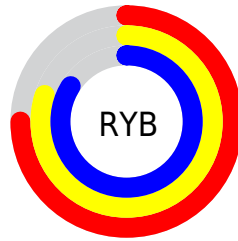
The Yxy color **63.3000, 0.3015, 0.3361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8995, 0.3253, 0.3220**, and the grayscale version is **61.7440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **32.1569, 0.2981, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **60.4292, 0.2906, 0.3440**, and if you desaturate by 10%, it is **66.5901, 0.3128, 0.3289**.

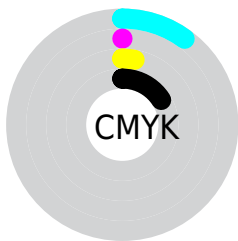
Distribution



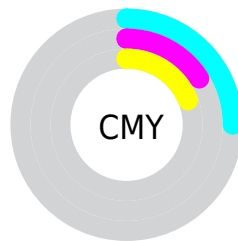
- Red (75%)
- Green (84%)
- Blue (81%)



- Red (75%)
- Yellow (80%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3000, 0.3015, 0.3361 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 63.3000, 0.3015, 0.3361 by changing the saturation by 10% instead.

■ 63.3000, 0.3015,
0.3361

■ 63.3000, 0.3015,
0.3361

436.6574, 0.3068,
0.3327

■ 46.0839, 0.3002,
0.3369

■ 109.6022, 0.3034,
0.3349

■ 32.3121, 0.2987,
0.3379

139.4571, 0.3041,
0.3345

■ 21.6000, 0.2967,
0.3392

174.2938, 0.3047,
0.3341

■ 13.5633, 0.2940,
0.3409

214.4967, 0.3053,
0.3337

■ 7.8175, 0.2902,
0.3433

260.4501, 0.3057,
0.3334

■ 3.9784, 0.2845,
0.3469

312.5384, 0.3061,

■ 1.6615, 0.2750,

0.3332

371.1460, 0.3065,
0.3329

0.3531

0.3985, 0.1838,
0.4100

0.0000, 0.0000,
0.0000

63.3000, 0.3015,
0.3361

63.3000, 0.3015,
0.3361

60.4292, 0.2906,
0.3440

66.5901, 0.3128,
0.3289

57.9522, 0.2805,
0.3527


70.3077, 0.3244,
0.3225


55.8533, 0.2713,
0.3620


74.3093, 0.3353,
0.3168


54.1121, 0.2635,
0.3720


74.6481, 0.3310,
0.3107

 52.7069, 0.2574,
0.3824

 74.9989, 0.3267,
0.3048


 51.6130, 0.2530,
0.3931


 75.3618, 0.3224,
0.2989

 50.8026, 0.2506,
0.4039

 75.7369, 0.3183,
0.2931

 50.2425, 0.2503,
0.4148

 76.0788, 0.3146,
0.2881

 49.8737, 0.2515,
0.4255

Harmonies

Analogous

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



63.3000, 0.3113, 0.3437



63.3000, 0.3015, 0.3361



63.3000, 0.2947, 0.3267

Triad

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



63.3000, 0.3015, 0.3361



63.3000, 0.3036, 0.3115



63.3000, 0.3331, 0.3395

Complementary

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



63.3000, 0.3015, 0.3361



55.8995, 0.3253, 0.3220

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.



63.3000, 0.3310, 0.3309



63.3000, 0.3015, 0.3361



63.3000, 0.3139, 0.3150

Square

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



63.3000, 0.3015, 0.3361



63.3000, 0.2959, 0.3126



63.3000, 0.3239, 0.3220



63.3000, 0.3297, 0.3455

Rectangle

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



63.3000, 0.3015, 0.3361



63.3000, 0.2928, 0.3207



63.3000, 0.3239, 0.3220



63.3000, 0.3331, 0.3368

Sweetspot

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



63.3027, 0.3015, 0.3361



98.4378, 0.3092, 0.3311



63.4441, 0.3162, 0.3540



20.9825, 0.3083, 0.3317



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.



63.3027, 0.3015, 0.3361



94.1007, 0.2990, 0.3378



61.5096, 0.2975, 0.3240



14.0445, 0.3020, 0.3357



30.4747, 0.2511, 0.4240



1.8520, 0.2460, 0.4055

Inverse Universe

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



55.8995, 0.3253, 0.3220



80.6781, 0.3285, 0.3204



57.5041, 0.3295, 0.3340



12.4786, 0.3247, 0.3224



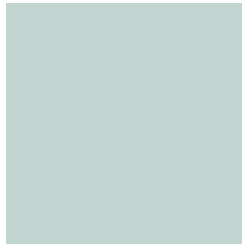
8.8614, 0.5798, 0.2968



0.5487, 0.5298, 0.2692

Previews

White Background



This preview shows how the Yxy color 63.3000, 0.3015, 0.3361 looks on a white background.

Color Contrast Check

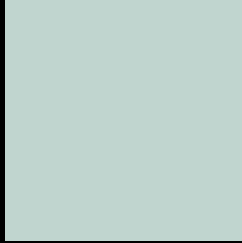
Large Text (above 18pt) WCAG AA × Fail

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 63.3000, 0.3015, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

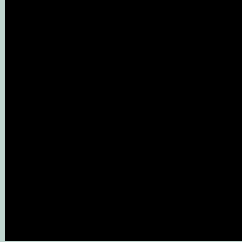
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

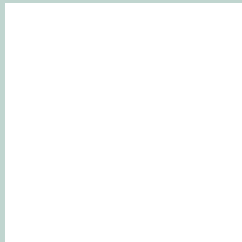
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3000, 0.3015, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 63.3000, 0.3015, 0.3361.

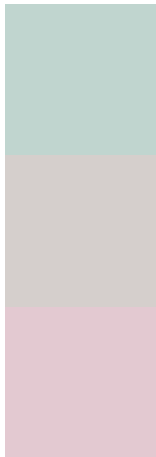


This preview shows how white text looks on a background with the Yxy color 63.3000, 0.3015, 0.3361.

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

63.3000, 0.3015, 0.3361

Protanopia

63.1314, 0.3194, 0.3324

Deuteranopia

62.7076, 0.3272, 0.3202



Tritanopia

63.2413, 0.2907, 0.3094

Trichromacy



Original Color

63.3000, 0.3015, 0.3361

Protanomaly

62.9878, 0.3125, 0.3336

Deuteranomaly

62.5129, 0.3175, 0.3256

Tritanomaly

63.2252, 0.2945, 0.3185

Monochromacy



Original Color

63.3000, 0.3015, 0.3361

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.4747, 0.3088, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3000, 0.3015, 0.3361 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(192, 213, 207)` looks like.

```
.text, #text, p{  
    color:rgb(192, 213, 207)  
}
```

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(192, 213, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 213, 207) }
```

Border

The CSS property to change the border of an element to Yxy 63.3000, 0.3015, 0.3361 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(192, 213, 207) }
```

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

```
.border{ border-color:rgb(192, 213, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 213, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 213, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 213, 207);  
box-shadow:4px 4px 4px 4px rgb(192, 213,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3000, 0.3015, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 213, 207) }
```

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

```
.background{ background-color: rgb(192,  
213, 207) }
```

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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