

Converting Colors

Yxy(64.8645, 0.3010, 0.3343)

Have a look what the booklet for
Yxy(64.8645, 0.3010, 0.3343)
contains.

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Color

Yxy(64.9061, 0.3010, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	C3D7D3
RGB	195, 215, 211
RGB Percent	76%, 84%, 83%
CMY	0.2354, 0.1568, 0.1724
CMYK	0.09, 0.00, 0.02, 0.16
HSL	168°, 20%, 80%
HSV	168°, 9%, 84%
XYZ	58.5634, 64.9061, 71.0932
YIQ	208.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

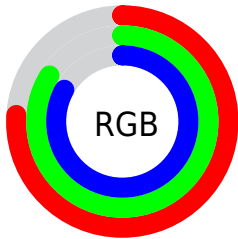
Format	Color
RYB	195, 206, 215
Decimal	12834771
CIELab	84.44, -7.44, -0.34
CIELCh	84, 7.452, 182.643
Yxy	64.9061, 0.3010, 0.3336
Android (android.graphics.Color)	4291024851 (0xFFC3D7D3)
YUV	208.5640, 1.2009, -11.8956
Hunter-Lab	80.5643, -11.2334, 4.0751

Details

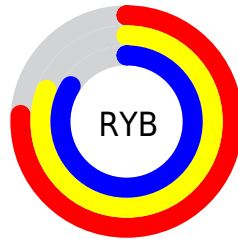
The Yxy color **64.9061, 0.3010, 0.3336** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5904, 0.3259, 0.3245**, and the grayscale version is **63.4597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **33.2387, 0.2975, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **62.0374, 0.2890, 0.3390**, and if you desaturate by 10%, it is **68.1983, 0.3136, 0.3287**.

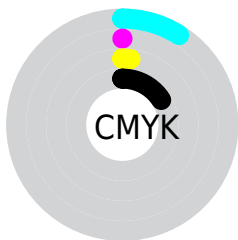
Distribution



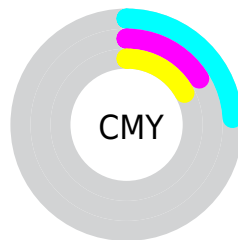
- Red (76%)
- Green (84%)
- Blue (83%)



- Red (76%)
- Yellow (81%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9061, 0.3010, 0.3336 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 64.9061, 0.3010, 0.3336 by changing the saturation by 10% instead.

■ 64.9061, 0.3010,
0.3336

■ 64.9061, 0.3010,
0.3336

442.4545, 0.3065,
0.3314

■ 47.3849, 0.2997,
0.3341

■ 111.9148, 0.3029,
0.3328

■ 33.3401, 0.2981,
0.3347

142.1712, 0.3037,
0.3326

■ 22.3871, 0.2960,
0.3355

177.4415, 0.3043,
0.3323

■ 14.1416, 0.2933,
0.3366

218.1100, 0.3049,
0.3321

■ 8.2192, 0.2894,
0.3381

264.5611, 0.3054,
0.3319

■ 4.2355, 0.2837,
0.3403

317.1793, 0.3058,

■ 1.8062, 0.2743,

0.3317

0.3439

376.3490, 0.3062,
0.3316

0.4910, 0.2135,
0.3679

0.0000, 0.0000,
0.0000

64.9061, 0.3010,
0.3336

64.9061, 0.3010,
0.3336

62.0374, 0.2890,
0.3390

68.1983, 0.3136,
0.3287

59.5664, 0.2778,
0.3449


71.9223, 0.3265,
0.3243


57.4770, 0.2677,
0.3512

75.2366, 0.3361,
0.3202

55.7488, 0.2590,
0.3579


75.4705, 0.3331,
0.3160

 54.3596, 0.2520,
0.3649

 75.7102, 0.3301,
0.3117


 53.2844, 0.2469,
0.3720


 75.9558, 0.3271,
0.3076

 52.4952, 0.2437,
0.3793

 76.2074, 0.3241,
0.3034

 51.9584, 0.2424,
0.3865

 76.4649, 0.3212,
0.2994

 51.6189, 0.2428,
0.3937

 76.7284, 0.3183,
0.2953

Harmonies

Analogous

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



64.9061, 0.3094, 0.3409



64.9061, 0.3010, 0.3336



64.9061, 0.2957, 0.3251

Triad

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



64.9061, 0.3010, 0.3336



64.9061, 0.3065, 0.3136



64.9061, 0.3308, 0.3399

Complementary

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



64.9061, 0.3010, 0.3336



57.5904, 0.3259, 0.3245

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.



64.9061, 0.3300, 0.3325



64.9061, 0.3010, 0.3336



64.9061, 0.3158, 0.3175

Square

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



64.9061, 0.3010, 0.3336



64.9061, 0.2988, 0.3137



64.9061, 0.3245, 0.3244



64.9061, 0.3267, 0.3445

Rectangle

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



64.9061, 0.3010, 0.3336



64.9061, 0.2947, 0.3200



64.9061, 0.3245, 0.3244



64.9061, 0.3311, 0.3377

Sweetspot

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



64.9088, 0.3010, 0.3336



98.4806, 0.3089, 0.3305



64.6837, 0.3145, 0.3526



20.9941, 0.3078, 0.3308



0.0000, 0.0000, 0.0000



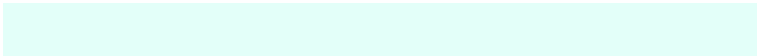
21.4041, 0.3127, 0.3290

Same Dimension

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



64.9088, 0.3010, 0.3336



94.7098, 0.2988, 0.3345



62.1064, 0.2984, 0.3219



14.0637, 0.3009, 0.3337



30.8750, 0.2425, 0.3931



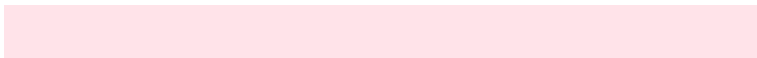
1.8732, 0.2391, 0.3807

Inverse Universe

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



57.5904, 0.3259, 0.3245



82.0260, 0.3287, 0.3235



60.1550, 0.3282, 0.3360



12.4606, 0.3260, 0.3244



8.7558, 0.6067, 0.3116



0.5400, 0.5589, 0.2852

Previews

White Background



This preview shows how the Yxy color 64.9061, 0.3010, 0.3336 looks on a white background.

Color Contrast Check

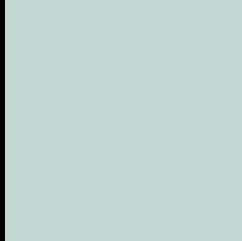
Large Text (above 18pt) WCAG AA × Fail

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 64.9061, 0.3010, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

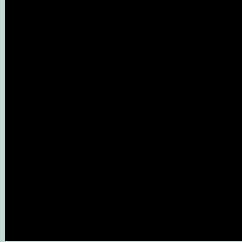
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

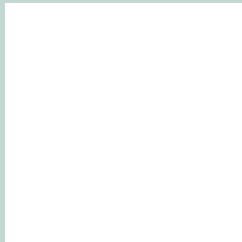
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9061, 0.3010, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 64.9061, 0.3010, 0.3336.



This preview shows how white text looks on a background with the Yxy color 64.9061, 0.3010, 0.3336.

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

64.9061, 0.3010, 0.3336

Protanopia

64.6021, 0.3179, 0.3301

Deuteranopia

64.6478, 0.3255, 0.3192



Tritanopia

64.7499, 0.2916, 0.3096

Trichromacy



Original Color

64.9061, 0.3010, 0.3336

Protanomaly

64.6019, 0.3119, 0.3313

Deuteranomaly

64.6169, 0.3167, 0.3245

Tritanomaly

64.7327, 0.2953, 0.3186

Monochromacy



Original Color

64.9061, 0.3010, 0.3336

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.0790, 0.3082, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9061, 0.3010, 0.3336 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(195, 215, 211)` looks like.

```
.text, #text, p{  
    color:rgb(195, 215, 211)  
}
```

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(195, 215, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 215, 211) }
```

Border

The CSS property to change the border of an element to Yxy 64.9061, 0.3010, 0.3336 is called "border". The border property can be set on classes, ids or directly on the HTML element.

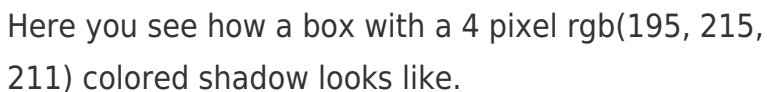
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 215, 211) }
```

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

```
.border{ border-color:rgb(195, 215, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 215, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 215, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 215, 211);  
box-shadow:4px 4px 4px 4px rgb(195, 215,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9061, 0.3010, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 215, 211) }
```

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

```
.background{ background-color: rgb(195,  
215, 211) }
```

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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