

Converting Colors

Yxy(64.3641, 0.3006, 0.3250)

Have a look what the booklet for
Yxy(64.3641, 0.3006, 0.3250)
contains.

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Color

Yxy(64.1869, 0.3006, 0.3243)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C7D4D8 |
| RGB | 199, 212, 216 |
| RGB Percent | 78%, 83%, 85% |
| CMY | 0.2196, 0.1686, 0.1528 |
| CMYK | 0.08, 0.02, 0.00, 0.15 |
| HSL | 194°, 18%, 81% |
| HSV | 194°, 8%, 85% |
| XYZ | 59.4961, 64.1869, 74.2415 |
| YIQ | 208.5690, -9.0320, -1.5120 |

Conversions

Conversions Part 2

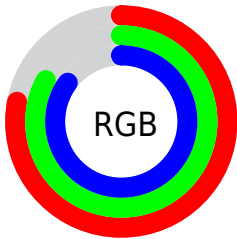
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 199, 206, 216 |
| Decimal | 13096152 |
| CIE _{Lab} | 84.06, -3.59, -3.51 |
| CIE _{LCh} | 84, 5.022, 224.336 |
| Yxy | 64.1869, 0.3006, 0.3243 |
| Android (android.graphics.Color) | 4291286232 (0xFFC7D4D8) |
| YUV | 208.5690, 3.6635, -8.3920 |
| Hunter-Lab | 80.1167, -7.6470, 1.1397 |

Details

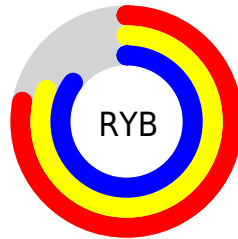
The Yxy color **64.1869, 0.3006, 0.3243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4605, 0.3258, 0.3337**, and the grayscale version is **63.4486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7069, 0.2978, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **58.9218, 0.2854, 0.3178**, and if you desaturate by 10%, it is **69.9581, 0.3160, 0.3302**.

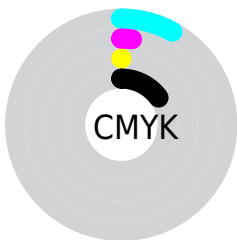
Distribution



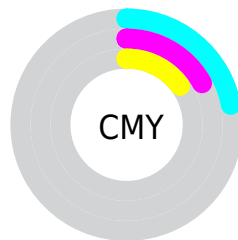
- Red (78%)
- Green (83%)
- Blue (85%)



- Red (78%)
- Yellow (81%)
- Blue (85%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1869, 0.3006, 0.3243 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 64.1869, 0.3006, 0.3243 by changing the saturation by 10% instead.

■ 64.1869, 0.3006,
0.3243

■ 64.1869, 0.3006,
0.3243

439.8643, 0.3063,
0.3266

■ 46.8021, 0.2993,
0.3238

110.8801, 0.3026,
0.3251

■ 32.8792, 0.2976,
0.3231

140.9572, 0.3034,
0.3254

■ 22.0339, 0.2955,
0.3222

176.0338, 0.3040,
0.3257

■ 13.8818, 0.2926,
0.3210

216.4945, 0.3046,
0.3259

■ 8.0385, 0.2887,
0.3194

262.7234, 0.3051,
0.3261

■ 4.1196, 0.2828,
0.3169

315.1051, 0.3056,

■ 1.7407, 0.2731,

0.3263

374.0239, 0.3060,
0.3264

0.3126

0.4498, 0.2229,
0.2950

0.0000, 0.0000,
0.0000

64.1869, 0.3006,
0.3243

64.1869, 0.3006,
0.3243

58.9218, 0.2854,
0.3178

69.9581, 0.3160,
0.3302

54.1363, 0.2705,
0.3107

76.2446, 0.3312,
0.3355

49.8136, 0.2565,
0.3031

81.3542, 0.3398,
0.3404

45.9325, 0.2434,
0.2950

84.2025, 0.3390,
0.3455

■ 42.4702, 0.2318,
0.2866

■ 87.1349, 0.3383,
0.3505

■ 39.4012, 0.2219,
0.2779

■ 90.1521, 0.3375,
0.3554

■ 36.6967, 0.2138,
0.2690

■ 93.2546, 0.3368,
0.3603

■ 34.3231, 0.2077,
0.2602

■ 96.4433, 0.3360,
0.3651

■ 32.2331, 0.2035,
0.2515

■ 97.7396, 0.3357,
0.3671

Harmonies

Analogous

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



64.1869, 0.3031, 0.3299



64.1869, 0.3006, 0.3243



64.1869, 0.3013, 0.3201

Triad

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



64.1869, 0.3006, 0.3243



64.1869, 0.3173, 0.3228



64.1869, 0.3203, 0.3400

Complementary

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



64.1869, 0.3006, 0.3243



61.4605, 0.3258, 0.3337

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.



64.1869, 0.3242, 0.3379



64.1869, 0.3006, 0.3243



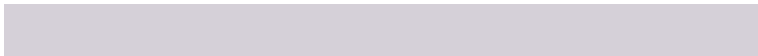
64.1869, 0.3225, 0.3280

Square

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



64.1869, 0.3006, 0.3243



64.1869, 0.3109, 0.3193



64.1869, 0.3250, 0.3335



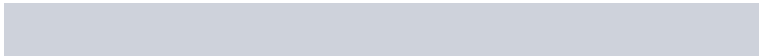
64.1869, 0.3144, 0.3390

Rectangle

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



64.1869, 0.3006, 0.3243



64.1869, 0.3036, 0.3185



64.1869, 0.3250, 0.3335



64.1869, 0.3219, 0.3396

Sweetspot

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



64.1896, 0.3006, 0.3243



98.2768, 0.3096, 0.3278



65.5835, 0.3091, 0.3442



21.0534, 0.3098, 0.3279



0.0000, 0.0000, 0.0000



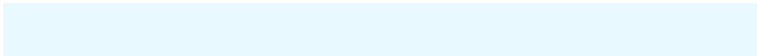
21.4041, 0.3127, 0.3290

Same Dimension

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



64.1896, 0.3006, 0.3243



92.4829, 0.2988, 0.3236



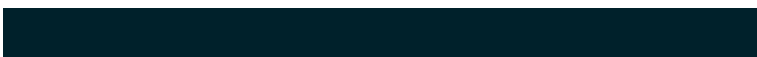
60.0745, 0.3006, 0.3144



13.5858, 0.2982, 0.3233



18.9959, 0.2031, 0.2510



1.2690, 0.2072, 0.2661

Inverse Universe

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



60.2085, 0.3166, 0.3143



85.8760, 0.3172, 0.3120



65.5625, 0.3248, 0.3432



12.5800, 0.3174, 0.3114



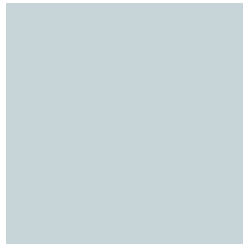
10.2625, 0.3912, 0.1929



0.6314, 0.3766, 0.1848

Previews

White Background



This preview shows how the Yxy color 64.1869, 0.3006, 0.3243 looks on a white background.

Color Contrast Check

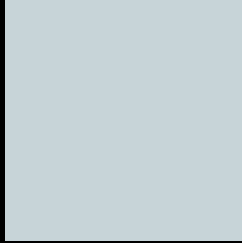
Large Text (above 18pt) WCAG AA × Fail

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 64.1869, 0.3006, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

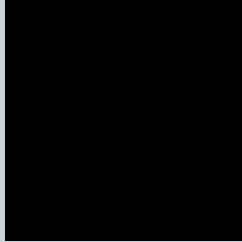
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

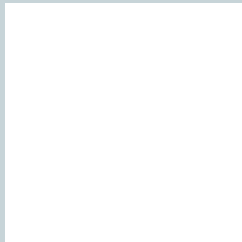
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1869, 0.3006, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 64.1869, 0.3006, 0.3243.

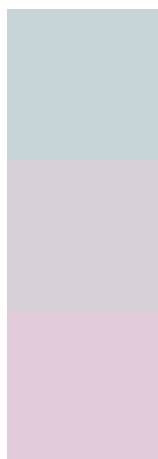


This preview shows how white text looks on a background with the Yxy color 64.1869, 0.3006, 0.3243.

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

64.1869, 0.3006, 0.3243

Protanopia

63.9638, 0.3115, 0.3222

Deuteranopia

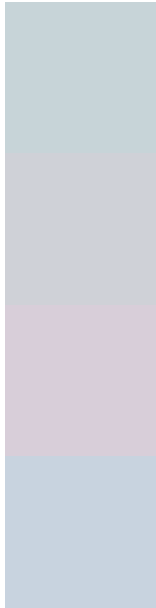
63.9426, 0.3196, 0.3126



Tritanopia

64.0567, 0.2949, 0.3096

Trichromacy



Original Color

64.1869, 0.3006, 0.3243

Protanomaly

63.7726, 0.3071, 0.3221

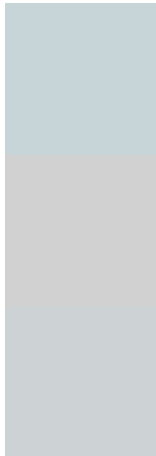
Deuteranomaly

63.7513, 0.3125, 0.3167

Tritanomaly

64.1956, 0.2968, 0.3152

Monochromacy



Original Color

64.1869, 0.3006, 0.3243

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8258, 0.3077, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1869, 0.3006, 0.3243 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(199, 212, 216)` looks like.

```
.text, #text, p{  
    color:rgb(199, 212, 216)  
}
```

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(199, 212, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 212, 216) }
```

Border

The CSS property to change the border of an element to Yxy 64.1869, 0.3006, 0.3243 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(199, 212, 216) }
```

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

```
.border{ border-color:rgb(199, 212, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 212, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 212, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 212, 216);  
box-shadow:4px 4px 4px 4px rgb(199, 212,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1869, 0.3006, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 212, 216) }
```

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

```
.background{ background-color: rgb(199,  
212, 216) }
```

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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