

Converting Colors

Yxy(64.0676, 0.3044, 0.3408)

Have a look what the booklet for
Yxy(64.0676, 0.3044, 0.3408)
contains.

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Color

Yxy(63.9221, 0.3049, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	C2D6CC
RGB	194, 214, 204
RGB Percent	76%, 84%, 80%
CMY	0.2393, 0.1607, 0.2000
CMYK	0.09, 0.00, 0.05, 0.16
HSL	150°, 20%, 80%
HSV	150°, 9%, 84%
XYZ	57.1885, 63.9221, 66.4542
YIQ	206.8800, -8.7100, -7.3500

Conversions

Conversions Part 2

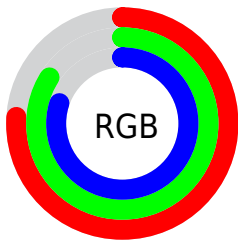
Format	Color
RYB	194, 207, 214
Decimal	12768972
CIELab	83.93, -8.60, 2.64
CIElCh	84, 8.996, 162.961
Yxy	63.9221, 0.3049, 0.3408
Android (android.graphics.Color)	4290959052 (0xFFC2D6CC)
YUV	206.8800, -1.4198, -11.2958
Hunter-Lab	79.9513, -12.2352, 6.6850

Details

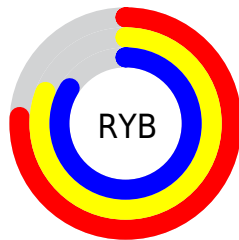
The Yxy color **63.9221, 0.3049, 0.3408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2272, 0.3213, 0.3175**, and the grayscale version is **62.3279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **32.5737, 0.3026, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **60.7993, 0.2968, 0.3548**, and if you desaturate by 10%, it is **67.4933, 0.3132, 0.3282**.

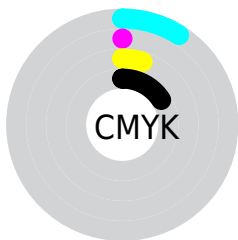
Distribution



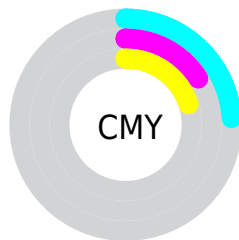
- Red (76%)
- Green (84%)
- Blue (80%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)





- Cyan (24%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9221, 0.3049, 0.3408 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 63.9221, 0.3049, 0.3408 by changing the saturation by 10% instead.


 63.9221, 0.3049,
0.3408

 63.9221, 0.3049,
0.3408


438.9083, 0.3086,
0.3352

 46.5876, 0.3040,
0.3421

 110.4987, 0.3062,
0.3388

 32.7097, 0.3029,
0.3438

140.5097, 0.3067,
0.3380

 21.9042, 0.3015,
0.3460

175.5148, 0.3072,
0.3374

 13.7865, 0.2996,
0.3489

215.8986, 0.3075,
0.3368

 7.9723, 0.2969,
0.3530

262.0455, 0.3079,
0.3363

 4.0772, 0.2928,
0.3593

314.3398, 0.3081,

 1.7169, 0.2859,

0.3359

0.3700

373.1659, 0.3084,
0.3355

0.4345, 0.2192,
0.4690

0.0000, 0.0000,
0.0000

63.9221, 0.3049,
0.3408

63.9221, 0.3049,
0.3408

60.7993, 0.2968,
0.3548

67.4933, 0.3132,
0.3282

58.0987, 0.2891,
0.3703

71.5217, 0.3216,
0.3171

55.8036, 0.2822,
0.3873

75.4189, 0.3275,
0.3071

53.8932, 0.2763,
0.4054

76.0589, 0.3202,
0.2968

■ 52.3448, 0.2719,
0.4245

■ 76.5793, 0.3146,
0.2891

■ 51.1330, 0.2692,
0.4441

■ 50.2292, 0.2684,
0.4638

■ 49.5994, 0.2697,
0.4829

■ 49.1876, 0.2726,
0.5010

Harmonies

Analogous

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



63.9221, 0.3162, 0.3473



63.9221, 0.3049, 0.3408



63.9221, 0.2958, 0.3310

Triad

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



63.9221, 0.3049, 0.3408



63.9221, 0.2986, 0.3098



63.9221, 0.3348, 0.3365

Complementary

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



63.9221, 0.3049, 0.3408



57.2272, 0.3213, 0.3175

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.



63.9221, 0.3299, 0.3267



63.9221, 0.3049, 0.3408



63.9221, 0.3089, 0.3115

Square

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



63.9221, 0.3049, 0.3408



63.9221, 0.2922, 0.3132



63.9221, 0.3204, 0.3176



63.9221, 0.3336, 0.3446

Rectangle

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



63.9221, 0.3049, 0.3408



63.9221, 0.2921, 0.3241



63.9221, 0.3204, 0.3176



63.9221, 0.3338, 0.3333

Sweetspot

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



63.9248, 0.3049, 0.3408



98.3343, 0.3102, 0.3327



64.8293, 0.3190, 0.3524



20.9545, 0.3095, 0.3337



0.0000, 0.0000, 0.0000



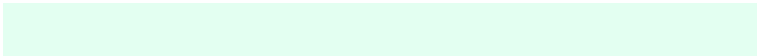
21.4041, 0.3127, 0.3290

Same Dimension

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



63.9248, 0.3049, 0.3408



94.1934, 0.3035, 0.3431



64.4205, 0.2984, 0.3290



13.9987, 0.3049, 0.3409



29.7339, 0.2721, 0.4995



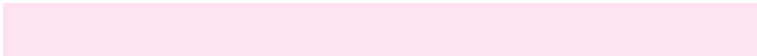
1.8101, 0.2633, 0.4679

Inverse Universe

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



57.2272, 0.3213, 0.3175



82.5189, 0.3231, 0.3153



56.7625, 0.3290, 0.3290



12.5232, 0.3214, 0.3174



9.3017, 0.4950, 0.2501



0.5777, 0.4569, 0.2291

Previews

White Background



This preview shows how the Yxy color 63.9221, 0.3049, 0.3408 looks on a white background.

Color Contrast Check

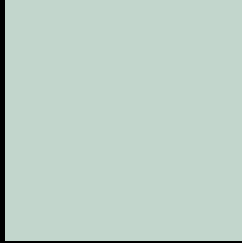
Large Text (above 18pt) WCAG AA × Fail

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 63.9221, 0.3049, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

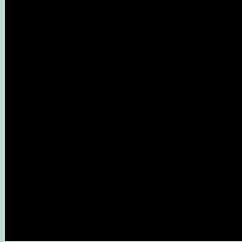
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

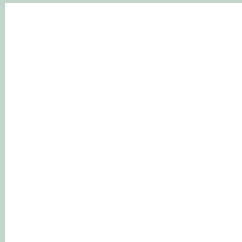
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9221, 0.3049, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 63.9221, 0.3049, 0.3408.

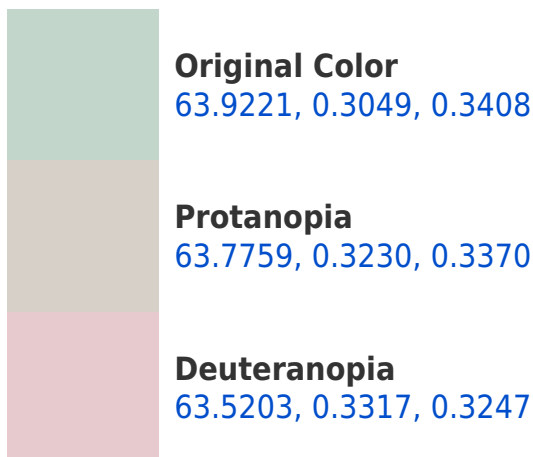


This preview shows how white text looks on a background with the Yxy color 63.9221, 0.3049, 0.3408.

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

64.1403, 0.2928, 0.3107

Trichromacy



Original Color

63.9221, 0.3049, 0.3408

Protanomaly

63.6229, 0.3160, 0.3383

Deuteranomaly

63.3021, 0.3218, 0.3302

Tritanomaly

64.0718, 0.2972, 0.3209

Monochromacy



Original Color

63.9221, 0.3049, 0.3408

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.1060, 0.3095, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9221, 0.3049, 0.3408 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, 214, 204)` looks like.

```
.text, #text, p{  
    color:rgb(194, 214, 204)  
}
```

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, 214, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 214, 204) }
```

Border

The CSS property to change the border of an element to Yxy 63.9221, 0.3049, 0.3408 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, 214, 204) }
```

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

```
.border{ border-color:rgb(194, 214, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 214, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 214, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 214, 204);  
box-shadow:4px 4px 4px 4px rgb(194, 214,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9221, 0.3049, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 214, 204) }
```

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

```
.background{ background-color: rgb(194,  
214, 204) }
```

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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