

Converting Colors

Yxy(64.9313, 0.3051, 0.3349)

Have a look what the booklet for
Yxy(64.9313, 0.3051, 0.3349)
contains.

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Color

Yxy(64.8387, 0.3052, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	C7D6D1
RGB	199, 214, 209
RGB Percent	78%, 84%, 82%
CMY	0.2196, 0.1608, 0.1804
CMYK	0.07, 0.00, 0.02, 0.16
HSL	160°, 15%, 81%
HSV	160°, 7%, 84%
XYZ	59.1062, 64.8387, 69.7190
YIQ	208.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

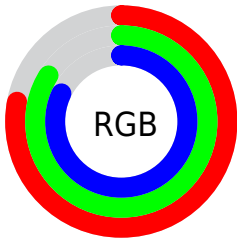
Format	Color
R _Y B	199, 208, 214
Decimal	13096657
CIE Lab	84.40, -5.98, 0.72
CIE LCh	84, 6.027, 173.123
Yxy	64.8387, 0.3052, 0.3348
Android (android.graphics.Color)	4291286737 (0xFFC7D6D1)
YUV	208.9450, 0.0271, -8.7218
Hunter-Lab	80.5225, -9.8893, 5.0305

Details

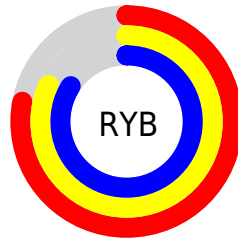
The Yxy color **64.8387, 0.3052, 0.3348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5005, 0.3209, 0.3233**, and the grayscale version is **63.7268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.1826, 0.3029, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **61.7713, 0.2948, 0.3438**, and if you desaturate by 10%, it is **68.3391, 0.3159, 0.3267**.

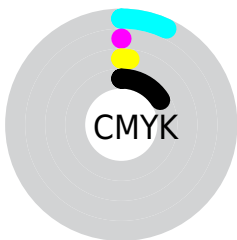
Distribution



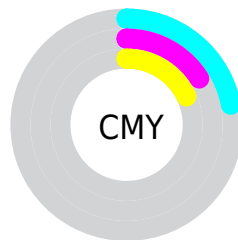
- Red (78%)
- Green (84%)
- Blue (82%)



- Red (78%)
- Yellow (82%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8387, 0.3052, 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 64.8387, 0.3052, 0.3348 by changing the saturation by 10% instead.

■ 64.8387, 0.3052,
0.3348

■ 64.8387, 0.3052,
0.3348

442.2121, 0.3088,
0.3321

■ 47.3303, 0.3044,
0.3354

111.8179, 0.3065,
0.3338

■ 33.2968, 0.3033,
0.3362

142.0575, 0.3069,
0.3335

■ 22.3539, 0.3020,
0.3373

177.3097, 0.3073,
0.3331

■ 14.1172, 0.3002,
0.3387

217.9587, 0.3077,
0.3329

■ 8.2022, 0.2977,
0.3406

264.3891, 0.3080,
0.3326

■ 4.2246, 0.2940,
0.3435

316.9852, 0.3083,

■ 1.8000, 0.2878,

0.3324

0.3484

376.1314, 0.3085,
0.3322

0.4872, 0.2468,
0.3794

0.0000, 0.0000,
0.0000

64.8387, 0.3052,
0.3348

64.8387, 0.3052,
0.3348

61.7713, 0.2948,
0.3438

68.3391, 0.3159,
0.3267

59.1113, 0.2850,
0.3538


72.2806, 0.3268,
0.3194


56.8431, 0.2760,
0.3646


75.0938, 0.3315,
0.3126


54.9467, 0.2683,
0.3761


75.5042, 0.3265,
0.3056

 53.4003, 0.2620,
0.3883


 75.9313, 0.3216,
0.2988


 52.1799, 0.2575,
0.4009

 76.3752, 0.3167,
0.2920

 51.2583, 0.2550,
0.4138

 76.5770, 0.3146,
0.2891

 50.6037, 0.2544,
0.4266

 50.1743, 0.2558,
0.4393

Harmonies

Analogous

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



64.8387, 0.3125, 0.3400



64.8387, 0.3052, 0.3348



64.8387, 0.3000, 0.3280

Triad

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



64.8387, 0.3052, 0.3348



64.8387, 0.3055, 0.3162



64.8387, 0.3276, 0.3361

Complementary

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



64.8387, 0.3052, 0.3348



59.5005, 0.3209, 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.



64.8387, 0.3257, 0.3298



64.8387, 0.3052, 0.3348



64.8387, 0.3128, 0.3184

Square

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



64.8387, 0.3052, 0.3348



64.8387, 0.3001, 0.3173



64.8387, 0.3202, 0.3233



64.8387, 0.3255, 0.3407

Rectangle

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



64.8387, 0.3052, 0.3348



64.8387, 0.2983, 0.3236



64.8387, 0.3202, 0.3233



64.8387, 0.3274, 0.3341

Sweetspot

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



64.8415, 0.3052, 0.3348



98.9364, 0.3105, 0.3306



65.0926, 0.3158, 0.3465



21.1876, 0.3106, 0.3305



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.



64.8415, 0.3052, 0.3348



95.9035, 0.3041, 0.3357



63.9613, 0.3019, 0.3264



14.0341, 0.3027, 0.3369



30.2805, 0.2559, 0.4412



1.8415, 0.2498, 0.4194

Inverse Universe

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



59.5005, 0.3209, 0.3233



86.8231, 0.3222, 0.3224



60.3080, 0.3244, 0.3316



12.4885, 0.3239, 0.3212



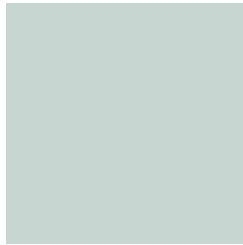
8.9366, 0.5625, 0.2872



0.5542, 0.5136, 0.2603

Previews

White Background



This preview shows how the Yxy color 64.8387, 0.3052, 0.3348 looks on a white background.

Color Contrast Check

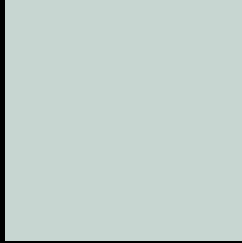
Large Text (above 18pt) WCAG AA × Fail

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 64.8387, 0.3052, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

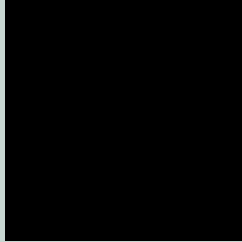
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

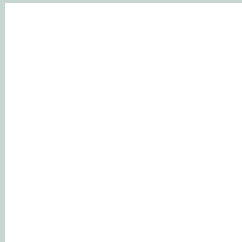
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8387, 0.3052, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 64.8387, 0.3052, 0.3348.

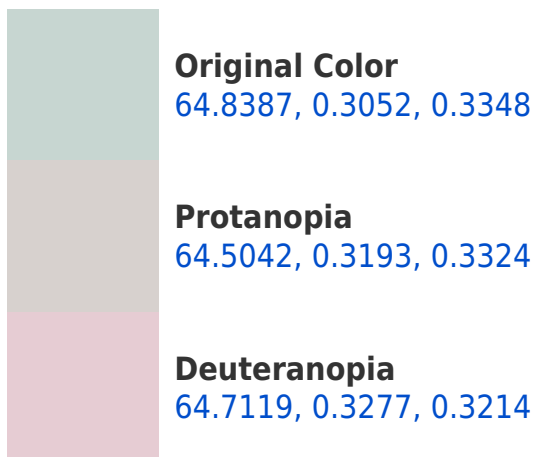


This preview shows how white text looks on a background with the Yxy color 64.8387, 0.3052, 0.3348.

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

64.7465, 0.2949, 0.3097

Trichromacy



Original Color

64.8387, 0.3052, 0.3348

Protanomaly

64.6488, 0.3140, 0.3336

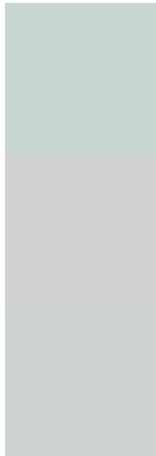
Deuteranomaly

64.8250, 0.3196, 0.3268

Tritanomaly

64.7249, 0.2988, 0.3187

Monochromacy



Original Color

64.8387, 0.3052, 0.3348

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.1711, 0.3097, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8387, 0.3052, 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(199, 214, 209)` looks like.

```
.text, #text, p{  
    color:rgb(199, 214, 209)  
}
```

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, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 214, 209) }
```

Border

The CSS property to change the border of an element to Yxy 64.8387, 0.3052, 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(199, 214, 209) }
```

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

```
.border{ border-color:rgb(199, 214, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 214, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 214, 209);  
box-shadow:4px 4px 4px 4px rgb(199, 214,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8387, 0.3052, 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(199, 214, 209) }
```

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

```
.background{ background-color: rgb(199,  
214, 209) }
```

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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