

Converting Colors

Yxy(62.2991, 0.3109, 0.3347)

Have a look what the booklet for
Yxy(62.2991, 0.3109, 0.3347)
contains.

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Color

Yxy(62.5171, 0.3109, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	CAD1CC
RGB	202, 209, 204
RGB Percent	79%, 82%, 80%
CMY	0.2080, 0.1804, 0.1998
CMYK	0.03, 0.00, 0.02, 0.18
HSL	138°, 7%, 81%
HSV	138°, 3%, 82%
XYZ	58.0543, 62.5171, 66.1583
YIQ	206.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

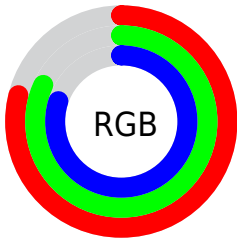
Format	Color
R _Y B	202, 207, 209
Decimal	13291980
CIE Lab	83.19, -3.30, 1.62
CIE LCh	83, 3.677, 153.918
Yxy	62.5171, 0.3109, 0.3348
Android (android.graphics.Color)	4291482060 (0xFFCAD1CC)
YUV	206.3370, -1.1521, -3.8035
Hunter-Lab	79.0678, -7.3077, 5.7377

Details

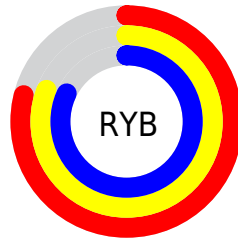
The Yxy color **62.5171, 0.3109, 0.3348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2862, 0.3146, 0.3233**, and the grayscale version is **61.9575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.9406, 0.3104, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **59.1244, 0.3055, 0.3535**, and if you desaturate by 10%, it is **66.3771, 0.3163, 0.3183**.

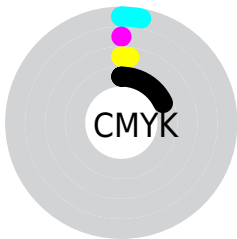
Distribution



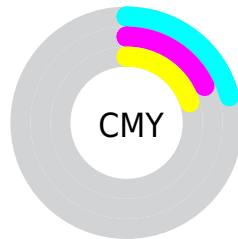
- Red (79%)
- Green (82%)
- Blue (80%)



- Red (79%)
- Yellow (81%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5171, 0.3109, 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 62.5171, 0.3109, 0.3348 by changing the saturation by 10% instead.

■ 62.5171, 0.3109,
0.3348

■ 62.5171, 0.3109,
0.3348

433.8148, 0.3118,
0.3320

■ 45.4507, 0.3107,
0.3355

108.4725, 0.3112,
0.3338

■ 31.8125, 0.3104,
0.3363

138.1303, 0.3113,
0.3334

■ 21.2184, 0.3101,
0.3373

172.7540, 0.3114,
0.3331

■ 13.2837, 0.3096,
0.3388

212.7280, 0.3115,
0.3329

■ 7.6242, 0.3090,
0.3408

258.4367, 0.3116,
0.3326

■ 3.8554, 0.3080,
0.3438

310.2644, 0.3117,

■ 1.5930, 0.3063,

0.3324

0.3491

368.5957, 0.3117,
0.3322

0.3529, 0.2899,
0.4015

0.0000, 0.0000,
0.0000

62.5171, 0.3109,
0.3348

62.5171, 0.3109,
0.3348

59.1244, 0.3055,
0.3535

66.3771, 0.3163,
0.3183

56.1733, 0.3002,
0.3745

70.7130, 0.3215,
0.3038

53.6478, 0.2952,
0.3978

73.6622, 0.3194,
0.2903

51.5278, 0.2908,
0.4229

74.0857, 0.3148,
0.2841

■ 49.7914, 0.2874,
0.4495

■ 48.4149, 0.2851,
0.4767

■ 47.3714, 0.2843,
0.5034

■ 46.6306, 0.2851,
0.5282

■ 46.1559, 0.2875,
0.5500

Harmonies

Analogous

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



62.5171, 0.3156, 0.3369



62.5171, 0.3109, 0.3348



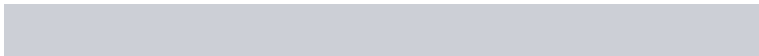
62.5171, 0.3067, 0.3311

Triad

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



62.5171, 0.3109, 0.3348



62.5171, 0.3059, 0.3213



62.5171, 0.3214, 0.3310

Complementary

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



62.5171, 0.3109, 0.3348



60.2862, 0.3146, 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.



62.5171, 0.3188, 0.3269



62.5171, 0.3109, 0.3348



62.5171, 0.3098, 0.3213

Square

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



62.5171, 0.3109, 0.3348



62.5171, 0.3038, 0.3233



62.5171, 0.3145, 0.3233



62.5171, 0.3217, 0.3346

Rectangle

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



62.5171, 0.3109, 0.3348



62.5171, 0.3048, 0.3283



62.5171, 0.3145, 0.3233



62.5171, 0.3208, 0.3296

Sweetspot

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



62.5198, 0.3109, 0.3348



99.4041, 0.3122, 0.3307



63.1362, 0.3161, 0.3372



21.2829, 0.3122, 0.3306



0.0000, 0.0000, 0.0000



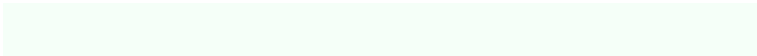
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5198, 0.3109, 0.3348



97.6613, 0.3105, 0.3360



62.6870, 0.3085, 0.3308



13.6194, 0.3102, 0.3372



28.3420, 0.2889, 0.5599



1.5986, 0.2783, 0.5220

Inverse Universe

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



60.2862, 0.3146, 0.3233



93.4722, 0.3150, 0.3221



60.1196, 0.3171, 0.3272



12.9405, 0.3154, 0.3210



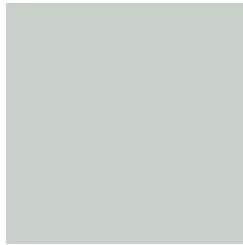
9.6854, 0.4116, 0.2041



0.5551, 0.3911, 0.1928

Previews

White Background



This preview shows how the Yxy color 62.5171, 0.3109, 0.3348 looks on a white background.

Color Contrast Check

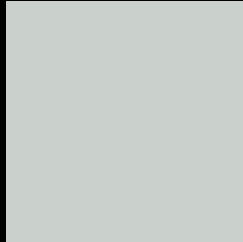
Large Text (above 18pt) WCAG AA × Fail

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 62.5171, 0.3109, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

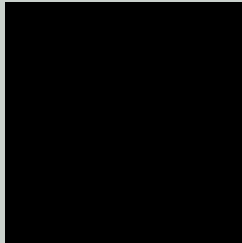
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

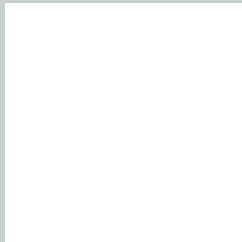
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5171, 0.3109, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 62.5171, 0.3109, 0.3348.

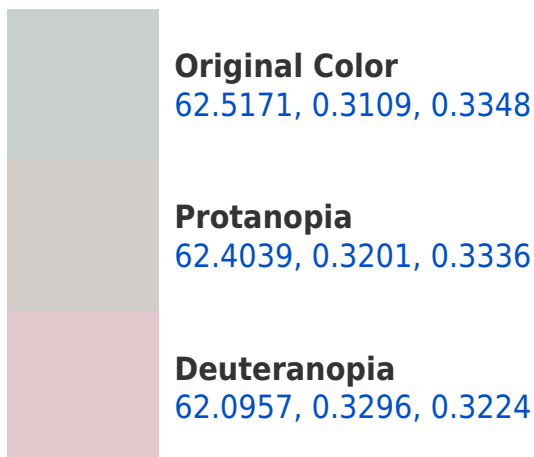


This preview shows how white text looks on a background with the Yxy color 62.5171, 0.3109, 0.3348.

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

62.4495, 0.3003, 0.3096

Trichromacy



Original Color

62.5171, 0.3109, 0.3348

Protanomaly

62.3473, 0.3163, 0.3336

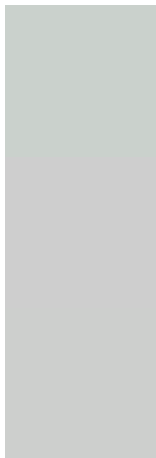
Deuteranomaly

62.0251, 0.3229, 0.3268

Tritanomaly

62.4209, 0.3043, 0.3186

Monochromacy



Original Color

62.5171, 0.3109, 0.3348

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.0126, 0.3126, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5171, 0.3109, 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(202, 209, 204)` looks like.

```
.text, #text, p{  
    color:rgb(202, 209, 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(202, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 209, 204) }
```

Border

The CSS property to change the border of an element to Yxy 62.5171, 0.3109, 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(202, 209, 204) }
```

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

```
.border{ border-color:rgb(202, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(202, 209,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5171, 0.3109, 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(202, 209, 204) }
```

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

```
.background{ background-color: rgb(202,  
209, 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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