

Converting Colors

$Yxy(62.2889, 0.3145, 0.3407)$

Have a look what the booklet for
Yxy(62.2889, 0.3145, 0.3407)
contains.

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Color

Yxy(62.2810, 0.3144, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	CAD1C7
RGB	202, 209, 199
RGB Percent	79%, 82%, 78%
CMY	0.2080, 0.1803, 0.2197
CMYK	0.03, 0.00, 0.05, 0.18
HSL	102°, 10%, 80%
HSV	102°, 5%, 82%
XYZ	57.4564, 62.2810, 63.0120
YIQ	205.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

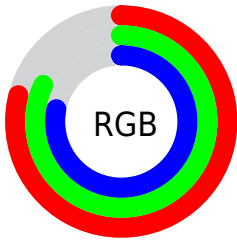
Format	Color
R _{YB}	199, 209, 206
Decimal	13291975
CIE Lab	83.06, -4.22, 4.13
CIE LCh	83, 5.908, 135.650
Yxy	62.2810, 0.3144, 0.3408
Android (android.graphics.Color)	4291482055 (0xFFCAD1C7)
YUV	205.7670, -3.3361, -3.3037
Hunter-Lab	78.9183, -8.1503, 7.9030

Details

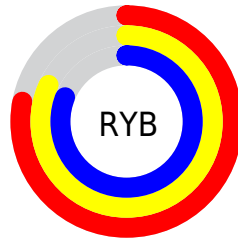
The Yxy color **62.2810, 0.3144, 0.3408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5681, 0.3109, 0.3173**, and the grayscale version is **61.5841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.7829, 0.3150, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **59.4265, 0.3178, 0.3674**, and if you desaturate by 10%, it is **65.4693, 0.3109, 0.3169**.

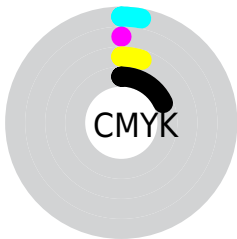
Distribution



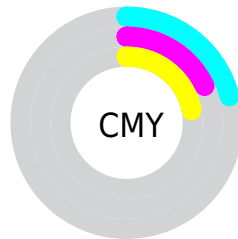
- Red (79%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2810, 0.3144, 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 62.2810, 0.3144, 0.3408 by changing the saturation by 10% instead.

■ 62.2810, 0.3144,
0.3408

■ 62.2810, 0.3144,
0.3408

432.9553, 0.3136,
0.3352

■ 45.2598, 0.3146,
0.3421

108.1316, 0.3141,
0.3388

■ 31.6621, 0.3148,
0.3438

137.7297, 0.3140,
0.3380

■ 21.1035, 0.3151,
0.3460

172.2889, 0.3139,
0.3374

■ 13.1997, 0.3154,
0.3490

212.1936, 0.3139,
0.3368

■ 7.5662, 0.3159,
0.3532

257.8282, 0.3138,
0.3363

■ 3.8187, 0.3167,
0.3596

309.5771, 0.3137,

■ 1.5726, 0.3178,

0.3359

0.3706

367.8247, 0.3137,
0.3355

0.3391, 0.3431,
0.5309

0.0000, 0.0000,
0.0000

62.2810, 0.3144,
0.3408

62.2810, 0.3144,
0.3408

59.4265, 0.3178,
0.3674

65.4693, 0.3109,
0.3169

56.8869, 0.3210,
0.3965

68.9936, 0.3074,
0.2957

54.6534, 0.3236,
0.4278

72.4285, 0.3084,
0.2832

52.7140, 0.3255,
0.4602

74.0899, 0.3148,
0.2841

■ 51.0555, 0.3263,
0.4926

■ 49.6640, 0.3258,
0.5230

■ 48.5240, 0.3239,
0.5495

■ 47.6182, 0.3204,
0.5702

■ 46.9266, 0.3158,
0.5842

Harmonies

Analogous

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



62.2810, 0.3215, 0.3421



62.2810, 0.3144, 0.3408



62.2810, 0.3069, 0.3363

Triad

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



62.2810, 0.3144, 0.3408



62.2810, 0.2993, 0.3182



62.2810, 0.3245, 0.3281

Complementary

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



62.2810, 0.3144, 0.3408



58.5681, 0.3109, 0.3173

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.



62.2810, 0.3185, 0.3219



62.2810, 0.3144, 0.3408



62.2810, 0.3039, 0.3162

Square

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



62.2810, 0.3144, 0.3408



62.2810, 0.2983, 0.3231



62.2810, 0.3109, 0.3176



62.2810, 0.3274, 0.3346

Rectangle

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



62.2810, 0.3144, 0.3408



62.2810, 0.3027, 0.3320



62.2810, 0.3109, 0.3176



62.2810, 0.3228, 0.3259

Sweetspot

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



62.2837, 0.3144, 0.3408



99.4985, 0.3131, 0.3314



61.8261, 0.3200, 0.3372



21.3021, 0.3131, 0.3313



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.



62.2837, 0.3144, 0.3408



97.0708, 0.3148, 0.3440



61.9654, 0.3108, 0.3385



13.5547, 0.3150, 0.3453



28.7947, 0.3143, 0.5886



1.6511, 0.3285, 0.5774

Inverse Universe

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



58.5681, 0.3109, 0.3173



89.7715, 0.3105, 0.3142



58.9004, 0.3147, 0.3197



12.4497, 0.3102, 0.3129



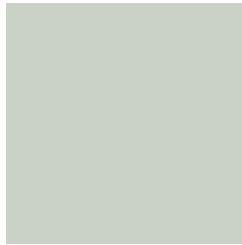
6.7097, 0.2474, 0.1137



0.4152, 0.2613, 0.1213

Previews

White Background



This preview shows how the Yxy color 62.2810, 0.3144, 0.3408 looks on a white background.

Color Contrast Check

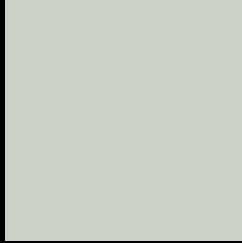
Large Text (above 18pt) WCAG AA × Fail

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 62.2810, 0.3144, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

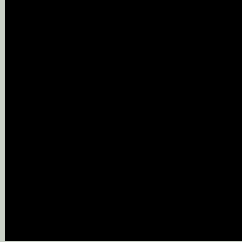
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

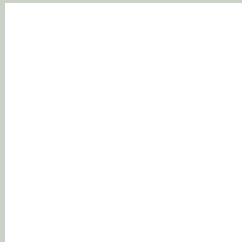
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2810, 0.3144, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 62.2810, 0.3144, 0.3408.



This preview shows how white text looks on a background with the Yxy color 62.2810, 0.3144, 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



Original Color

62.2810, 0.3144, 0.3408

Protanopia

62.3200, 0.3245, 0.3394

Deuteranopia

62.1836, 0.3350, 0.3280



Tritanopia

62.5384, 0.3017, 0.3108

Trichromacy



Original Color

62.2810, 0.3144, 0.3408

Protanomaly

62.2582, 0.3206, 0.3395

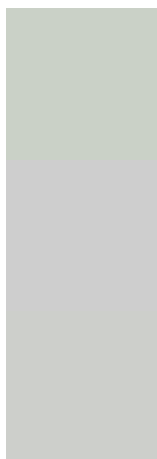
Deuteranomaly

61.9421, 0.3274, 0.3324

Tritanomaly

62.4598, 0.3064, 0.3209

Monochromacy



Original Color

62.2810, 0.3144, 0.3408

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.9166, 0.3140, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2810, 0.3144, 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(202, 209, 199)` looks like.

```
.text, #text, p{  
    color:rgb(202, 209, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 209, 199) }
```

Border

The CSS property to change the border of an element to Yxy 62.2810, 0.3144, 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(202, 209, 199) }
```

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

```
.border{ border-color:rgb(202, 209, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 209, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 209, 199); box-shadow:4px 4px 4px 4px rgb(202, 209, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2810, 0.3144, 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(202, 209, 199) }
```

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

```
.background{ background-color: rgb(202,  
209, 199) }
```

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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