

Converting Colors

$Yxy(64.0513, 0.3101, 0.3371)$

Have a look what the booklet for
Yxy(64.0513, 0.3101, 0.3371)
contains.

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Color

Yxy(64.0513, 0.3101, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	CAD4CD
RGB	202, 212, 205
RGB Percent	79%, 83%, 80%
CMY	0.2079, 0.1686, 0.1960
CMYK	0.05, 0.00, 0.03, 0.17
HSL	138°, 10%, 81%
HSV	138°, 5%, 83%
XYZ	58.9211, 64.0513, 67.0344
YIQ	208.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

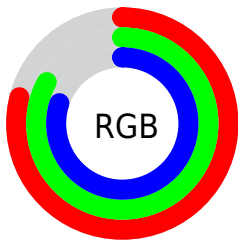
Format	Color
R _Y B	202, 210, 212
Decimal	13292749
CIE Lab	83.99, -4.67, 2.26
CIE LCh	84, 5.188, 154.181
Yxy	64.0513, 0.3101, 0.3371
Android (android.graphics.Color)	4291482829 (0xFFCAD4CD)
YUV	208.2120, -1.5835, -5.4479
Hunter-Lab	80.0321, -8.6410, 6.3615

Details

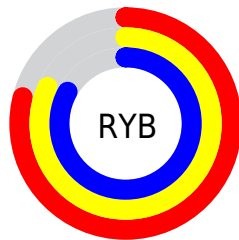
The Yxy color **64.0513, 0.3101, 0.3371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8368, 0.3154, 0.3210**, and the grayscale version is **63.2353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6442, 0.3094, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **60.6173, 0.3046, 0.3559**, and if you desaturate by 10%, it is **67.9644, 0.3156, 0.3205**.

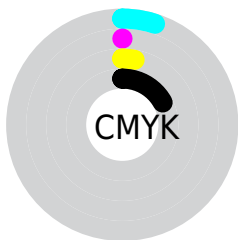
Distribution



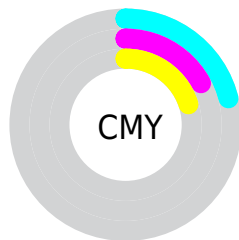
- Red (79%)
- Green (83%)
- Blue (80%)



- Red (79%)
- Yellow (82%)
- Blue (83%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0513, 0.3101, 0.3371 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 64.0513, 0.3101, 0.3371 by changing the saturation by 10% instead.

■ 64.0513, 0.3101,
0.3371

■ 64.0513, 0.3101,
0.3371

439.3749, 0.3114,
0.3332

■ 46.6922, 0.3098,
0.3380

110.6848, 0.3105,
0.3357

■ 32.7924, 0.3094,
0.3391

140.7280, 0.3107,
0.3352

■ 21.9675, 0.3089,
0.3406

175.7681, 0.3109,
0.3348

■ 13.8330, 0.3083,
0.3426

216.1894, 0.3110,
0.3344

■ 8.0046, 0.3074,
0.3454

262.3763, 0.3111,
0.3340

■ 4.0979, 0.3060,
0.3496

314.7133, 0.3112,

■ 1.7285, 0.3036,

0.3338

0.3567

373.5847, 0.3113,
0.3335

■ 0.4420, 0.2857,
0.4126

■ 0.0000, 0.0000,
0.0000

■ 64.0513, 0.3101,
0.3371

■ 64.0513, 0.3101,
0.3371

■ 60.6173, 0.3046,
0.3559

■ 67.9644, 0.3156,
0.3205

■ 57.6357, 0.2992,
0.3769

■ 72.3655, 0.3210,
0.3060

■ 55.0899, 0.2942,
0.4001

■ 75.2091, 0.3185,
0.2924

■ 52.9589, 0.2898,
0.4252

■ 75.5693, 0.3147,
0.2871

■ 51.2199, 0.2864,
0.4516

■ 49.8480, 0.2842,
0.4785

■ 48.8152, 0.2836,
0.5048

■ 48.0894, 0.2847,
0.5292

■ 47.6316, 0.2873,
0.5505

Harmonies

Analogous

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



64.0513, 0.3167, 0.3400



64.0513, 0.3101, 0.3371



64.0513, 0.3043, 0.3319

Triad

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



64.0513, 0.3101, 0.3371



64.0513, 0.3032, 0.3182



64.0513, 0.3249, 0.3318

Complementary

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



64.0513, 0.3101, 0.3371



60.8368, 0.3154, 0.3210

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.



64.0513, 0.3212, 0.3261



64.0513, 0.3101, 0.3371



64.0513, 0.3087, 0.3183

Square

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



64.0513, 0.3101, 0.3371



64.0513, 0.3003, 0.3210



64.0513, 0.3153, 0.3211



64.0513, 0.3253, 0.3369

Rectangle

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



64.0513, 0.3101, 0.3371



64.0513, 0.3016, 0.3280



64.0513, 0.3153, 0.3211



64.0513, 0.3240, 0.3299

Sweetspot

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



64.0540, 0.3101, 0.3371



99.4057, 0.3122, 0.3307



64.9086, 0.3174, 0.3405



21.2832, 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.



64.0540, 0.3101, 0.3371



96.5454, 0.3094, 0.3395



64.2980, 0.3067, 0.3313



14.1799, 0.3091, 0.3405



29.3159, 0.2883, 0.5578



1.7828, 0.2784, 0.5223

Inverse Universe

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



60.8368, 0.3154, 0.3210



90.3281, 0.3162, 0.3187



60.5945, 0.3190, 0.3267



13.1867, 0.3166, 0.3178



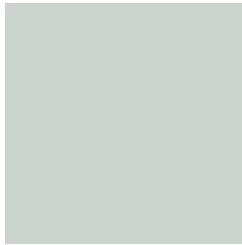
9.9726, 0.4153, 0.2061



0.6159, 0.3951, 0.1950

Previews

White Background



This preview shows how the Yxy color 64.0513, 0.3101, 0.3371 looks on a white background.

Color Contrast Check

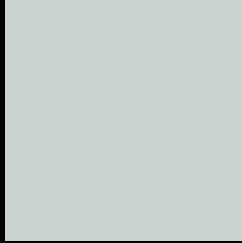
Large Text (above 18pt) WCAG AA × Fail

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 64.0513, 0.3101, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

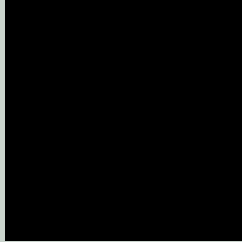
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

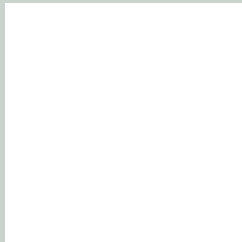
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0513, 0.3101, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 64.0513, 0.3101, 0.3371.



This preview shows how white text looks on a background with the Yxy color 64.0513, 0.3101, 0.3371.

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

64.0513, 0.3101, 0.3371

Protanopia

63.7197, 0.3208, 0.3347

Deuteranopia

63.5690, 0.3309, 0.3236



Tritanopia

64.0163, 0.2990, 0.3109

Trichromacy



Original Color

64.0513, 0.3101, 0.3371

Protanomaly

63.6622, 0.3170, 0.3348

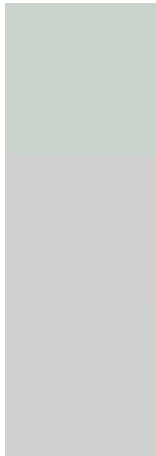
Deuteranomaly

63.8145, 0.3234, 0.3290

Tritanomaly

63.9925, 0.3029, 0.3198

Monochromacy



Original Color

64.0513, 0.3101, 0.3371

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.2277, 0.3119, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0513, 0.3101, 0.3371 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, 212, 205)` looks like.

```
.text, #text, p{  
    color:rgb(202, 212, 205)  
}
```

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, 212, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 212, 205) }
```

Border

The CSS property to change the border of an element to Yxy 64.0513, 0.3101, 0.3371 is called "border". The border property can be set on classes, ids or directly on the HTML element.

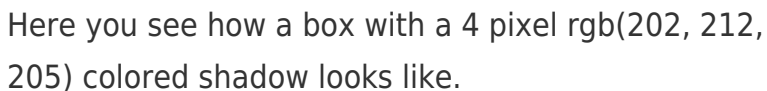
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 212, 205) }
```

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

```
.border{ border-color:rgb(202, 212, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 212, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 212, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 212, 205);  
box-shadow:4px 4px 4px 4px rgb(202, 212,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0513, 0.3101, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 212, 205) }
```

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

```
.background{ background-color: rgb(202,  
212, 205) }
```

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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