

Converting Colors

Yxy(64.3156, 0.3188, 0.3400)

Have a look what the booklet for
Yxy(64.3156, 0.3188, 0.3400)
contains.

Yxy(64.5072, 0.3189, 0.3405)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.5072, 0.3189, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	D2D3C9
RGB	210, 211, 201
RGB Percent	82%, 83%, 79%
CMY	0.1765, 0.1725, 0.2118
CMYK	0.00, 0.00, 0.05, 0.17
HSL	66°, 10%, 81%
HSV	66°, 5%, 83%
XYZ	60.4151, 64.5072, 64.5261
YIQ	209.5610, 2.6140, -3.3220

Conversions

Conversions Part 2

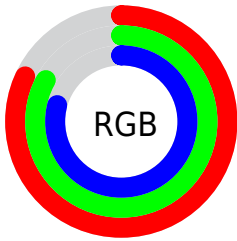
Format	Color
RYB	201, 211, 202
Decimal	13816777
CIELab	84.23, -2.12, 4.82
CIELCh	84, 5.262, 113.728
Yxy	64.5072, 0.3189, 0.3405
Android (android.graphics.Color)	4292006857 (0xFFD2D3C9)
YUV	209.5610, -4.2206, 0.3850
Hunter-Lab	80.3164, -6.2834, 8.5879

Details

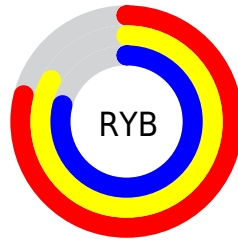
The Yxy color $64.5072, 0.3189, 0.3405$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.0358, 0.3064, 0.3173$, and the grayscale version is $64.1745, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.2884, 0.3209, 0.3442$ is the 20% darker color. If you saturate the color by 10%, you get $63.2749, 0.3322, 0.3656$, and if you desaturate by 10%, it is $65.8856, 0.3060, 0.3166$.

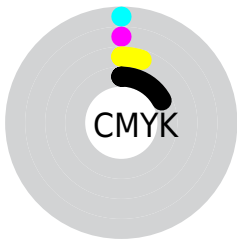
Distribution



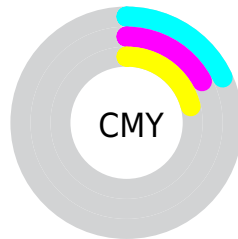
- Red (82%)
- Green (83%)
- Blue (79%)



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



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



- Cyan (18%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5072, 0.3189, 0.3405 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 64.5072, 0.3189, 0.3405 by changing the saturation by 10% instead.

■ 64.5072, 0.3189,
0.3405

■ 64.5072, 0.3189,
0.3405

441.0189, 0.3160,
0.3350

■ 47.0616, 0.3196,
0.3418

111.3411, 0.3179,
0.3386

■ 33.0844, 0.3204,
0.3434

141.4981, 0.3175,
0.3378

■ 22.1911, 0.3215,
0.3455

176.6611, 0.3171,
0.3372

■ 13.9974, 0.3230,
0.3482

217.2144, 0.3169,
0.3367

■ 8.1188, 0.3250,
0.3521

263.5425, 0.3166,
0.3362

■ 4.1711, 0.3279,
0.3580

316.0297, 0.3164,

■ 1.7697, 0.3328,

0.3358

0.3678

375.0603, 0.3162,
0.3354

0.4682, 0.3802,
0.4526

0.0000, 0.0000,
0.0000

64.5072, 0.3189,
0.3405

64.5072, 0.3189,
0.3405

63.2749, 0.3322,
0.3656

65.8856, 0.3060,
0.3166

62.1748, 0.3456,
0.3912


67.4070, 0.2937,
0.2942


61.2038, 0.3587,
0.4168

68.4653, 0.2879,
0.2825

60.3555, 0.3708,
0.4414


68.7911, 0.2893,
0.2827

 59.6230, 0.3816,
0.4639

 69.1211, 0.2907,
0.2829


 58.9987, 0.3903,
0.4833


 69.4553, 0.2922,
0.2830


 58.4739, 0.3967,
0.4989

 69.7937, 0.2936,
0.2832

 58.0386, 0.4004,
0.5101

 70.1363, 0.2951,
0.2834

 57.6809, 0.4016,
0.5169

 70.4832, 0.2965,
0.2836

Harmonies

Analogous

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



64.5072, 0.3238, 0.3393



64.5072, 0.3189, 0.3405



64.5072, 0.3124, 0.3385

Triad

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



64.5072, 0.3189, 0.3405



64.5072, 0.2999, 0.3225



64.5072, 0.3194, 0.3241

Complementary

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



64.5072, 0.3189, 0.3405



59.0358, 0.3064, 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.



64.5072, 0.3129, 0.3197



64.5072, 0.3189, 0.3405



64.5072, 0.3017, 0.3187

Square

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



64.5072, 0.3189, 0.3405



64.5072, 0.3015, 0.3280



64.5072, 0.3065, 0.3178



64.5072, 0.3241, 0.3298

Rectangle

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



64.5072, 0.3189, 0.3405



64.5072, 0.3080, 0.3357



64.5072, 0.3065, 0.3178



64.5072, 0.3174, 0.3225

Sweetspot

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



64.5100, 0.3189, 0.3405



99.7883, 0.3140, 0.3314



60.3094, 0.3204, 0.3302



21.3610, 0.3140, 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.



64.5100, 0.3189, 0.3405



98.7630, 0.3206, 0.3438



63.7880, 0.3151, 0.3406



13.8111, 0.3213, 0.3450



34.7325, 0.4019, 0.5191



1.9599, 0.4053, 0.5164

Inverse Universe

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



59.0358, 0.3064, 0.3173



88.1063, 0.3045, 0.3139



59.7441, 0.3102, 0.3174



12.1978, 0.3038, 0.3125



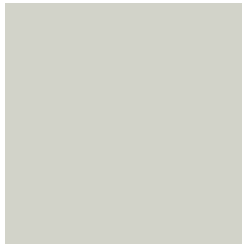
2.9567, 0.1537, 0.0620



0.1852, 0.1644, 0.0680

Previews

White Background



This preview shows how the Yxy color 64.5072, 0.3189, 0.3405 looks on a white background.

Color Contrast Check

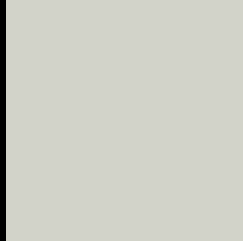
Large Text (above 18pt) WCAG AA × Fail

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 64.5072, 0.3189, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

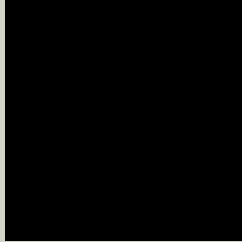
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

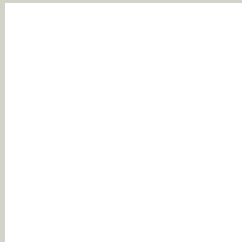
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5072, 0.3189, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 64.5072, 0.3189, 0.3405.

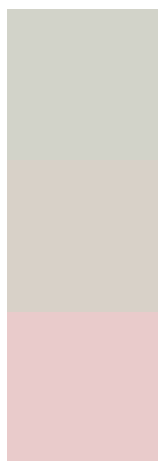


This preview shows how white text looks on a background with the Yxy color 64.5072, 0.3189, 0.3405.

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

64.5072, 0.3189, 0.3405

Protanopia

64.3700, 0.3244, 0.3393

Deuteranopia

64.3473, 0.3362, 0.3291



Tritanopia

64.6397, 0.3054, 0.3112

Trichromacy



Original Color

64.5072, 0.3189, 0.3405

Protanomaly

64.5595, 0.3227, 0.3404

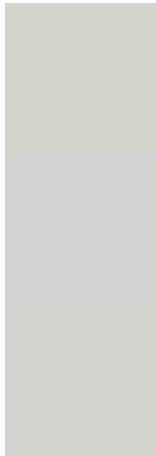
Deuteranomaly

64.4144, 0.3302, 0.3335

Tritanomaly

64.5558, 0.3101, 0.3211

Monochromacy



Original Color

64.5072, 0.3189, 0.3405

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.2998, 0.3148, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5072, 0.3189, 0.3405 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(210, 211, 201)` looks like.

```
.text, #text, p{  
    color:rgb(210, 211, 201)  
}
```

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(210, 211, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 211, 201) }
```

Border

The CSS property to change the border of an element to Yxy 64.5072, 0.3189, 0.3405 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(210, 211, 201) }
```

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

```
.border{ border-color:rgb(210, 211, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 211, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 211, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 211, 201);  
box-shadow:4px 4px 4px 4px rgb(210, 211,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5072, 0.3189, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 211, 201) }
```

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

```
.background{ background-color: rgb(210,  
211, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor