

Converting Colors

Yxy(63.8789, 0.3214, 0.3408)

Have a look what the booklet for
Yxy(63.8789, 0.3214, 0.3408)
contains.

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Color

Yxy(63.5733, 0.3212, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	D3D1C7
RGB	211, 209, 199
RGB Percent	83%, 82%, 78%
CMY	0.1727, 0.1803, 0.2195
CMYK	0.00, 0.01, 0.06, 0.17
HSL	50°, 12%, 80%
HSV	50°, 6%, 83%
XYZ	59.9699, 63.5733, 63.1625
YIQ	208.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

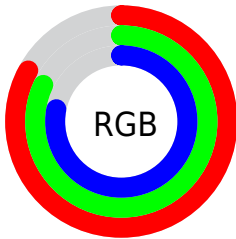
Format	Color
R _Y B	201, 211, 199
Decimal	13881799
CIE Lab	83.74, -1.08, 5.17
CIE LCh	84, 5.282, 101.808
Yxy	63.5733, 0.3212, 0.3405
Android (android.graphics.Color)	4292071879 (0xFFD3D1C7)
YUV	208.4580, -4.6628, 2.2293
Hunter-Lab	79.7329, -5.2764, 8.8448

Details

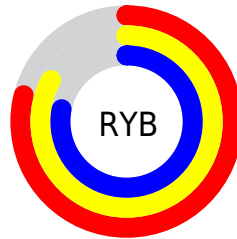
The Yxy color **63.5733, 0.3212, 0.3405** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6190, 0.3042, 0.3172**, and the grayscale version is **63.4183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.5549, 0.3230, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **60.9810, 0.3370, 0.3615**, and if you desaturate by 10%, it is **66.3440, 0.3065, 0.3204**.

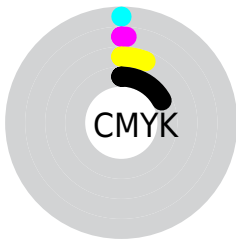
Distribution



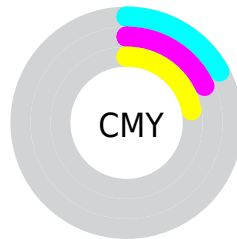
- Red (83%)
- Green (82%)
- Blue (78%)



- Red (79%)
- Yellow (83%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5733, 0.3212, 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 63.5733, 0.3212, 0.3405 by changing the saturation by 10% instead.

■ 63.5733, 0.3212,
0.3405

■ 63.5733, 0.3212,
0.3405

437.6471, 0.3172,
0.3350

■ 46.3052, 0.3221,
0.3418

109.9962, 0.3198,
0.3386

■ 32.4867, 0.3233,
0.3434

139.9197, 0.3192,
0.3378

■ 21.7335, 0.3248,
0.3455

174.8305, 0.3188,
0.3372

■ 13.6612, 0.3269,
0.3482

215.1130, 0.3184,
0.3367

■ 7.8854, 0.3297,
0.3522

261.1515, 0.3180,
0.3362

■ 4.0217, 0.3339,
0.3580

313.3304, 0.3177,

■ 1.6857, 0.3409,

0.3358

0.3679

372.0341, 0.3174,
0.3354

0.4144, 0.4216,
0.4755

0.0000, 0.0000,
0.0000

63.5733, 0.3212,
0.3405

63.5733, 0.3212,
0.3405

60.9810, 0.3370,
0.3615

66.3440, 0.3065,
0.3204

58.5530, 0.3536,
0.3830

69.2902, 0.2929,
0.3015

56.2859, 0.3707,
0.4042

71.9390, 0.2847,
0.2912

54.1731, 0.3877,
0.4245

73.7701, 0.2849,
0.2949

■ 52.2073, 0.4041,
0.4428

■ 75.6390, 0.2851,
0.2987

■ 50.3806, 0.4190,
0.4582

■ 77.5460, 0.2853,
0.3024

■ 48.6841, 0.4318,
0.4697

■ 79.4913, 0.2855,
0.3061

■ 47.1075, 0.4420,
0.4767

■ 81.4752, 0.2856,
0.3098

■ 45.6380, 0.4493,
0.4792

■ 83.4978, 0.2858,
0.3135

Harmonies

Analogous

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



63.5733, 0.3251, 0.3381



63.5733, 0.3212, 0.3405



63.5733, 0.3151, 0.3398

Triad

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



63.5733, 0.3212, 0.3405



63.5733, 0.3000, 0.3245



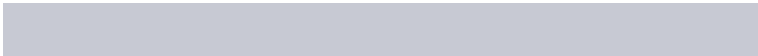
63.5733, 0.3170, 0.3221

Complementary

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



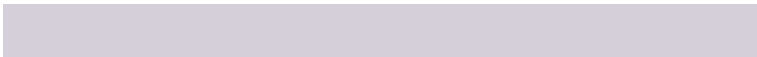
63.5733, 0.3212, 0.3405



58.6190, 0.3042, 0.3172

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.



63.5733, 0.3103, 0.3185



63.5733, 0.3212, 0.3405



63.5733, 0.3005, 0.3198

Square

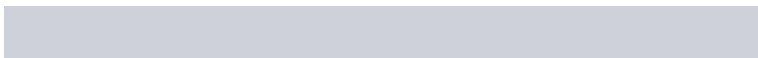
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.5733, 0.3212, 0.3405



63.5733, 0.3029, 0.3305



63.5733, 0.3042, 0.3177



63.5733, 0.3226, 0.3275

Rectangle

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



63.5733, 0.3212, 0.3405



63.5733, 0.3106, 0.3376



63.5733, 0.3042, 0.3177



63.5733, 0.3148, 0.3207

Sweetspot

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



63.5761, 0.3212, 0.3405



99.1427, 0.3157, 0.3331



58.9252, 0.3207, 0.3267



21.2296, 0.3156, 0.3329



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.



63.5761, 0.3212, 0.3405



97.0472, 0.3234, 0.3434



63.9637, 0.3180, 0.3428



13.5597, 0.3241, 0.3444



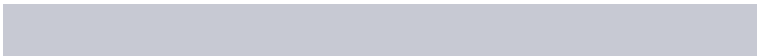
27.3081, 0.4513, 0.4798



1.6171, 0.4445, 0.4852

Inverse Universe

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



58.6190, 0.3042, 0.3172



87.6184, 0.3019, 0.3141



58.2624, 0.3072, 0.3150



12.1607, 0.3012, 0.3132



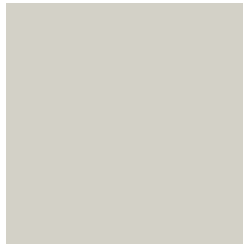
3.6518, 0.1542, 0.0751



0.3041, 0.1626, 0.1053

Previews

White Background



This preview shows how the Yxy color 63.5733, 0.3212, 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 63.5733, 0.3212, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

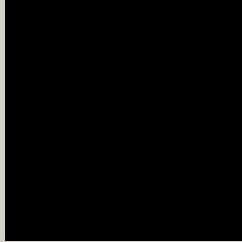
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

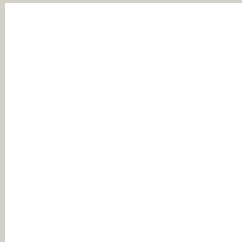
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5733, 0.3212, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 63.5733, 0.3212, 0.3405.

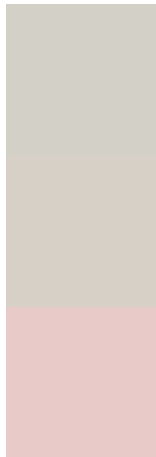


This preview shows how white text looks on a background with the Yxy color 63.5733, 0.3212, 0.3405.

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

63.5733, 0.3212, 0.3405

Protanopia

63.6360, 0.3251, 0.3405

Deuteranopia

63.5670, 0.3378, 0.3313



Tritanopia

63.7127, 0.3076, 0.3111

Trichromacy



Original Color

63.5733, 0.3212, 0.3405

Protanomaly

63.4851, 0.3244, 0.3405

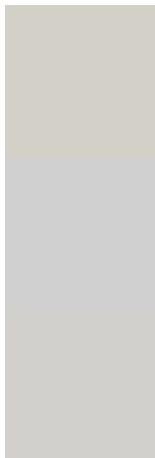
Deuteranomaly

63.6801, 0.3311, 0.3346

Tritanomaly

63.6268, 0.3123, 0.3211

Monochromacy



Original Color

63.5733, 0.3212, 0.3405

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.0748, 0.3156, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5733, 0.3212, 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(211, 209, 199)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 209, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 209, 199) }
```

Border

The CSS property to change the border of an element to Yxy 63.5733, 0.3212, 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(211, 209, 199) }
```

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

```
.border{ border-color:rgb(211, 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(211, 209, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 209, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 209, 199); box-shadow:4px 4px 4px 4px rgb(211, 209, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5733, 0.3212, 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(211, 209, 199) }
```

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

```
.background{ background-color: rgb(211,  
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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