

Converting Colors

Yxy(63.8318, 0.3197, 0.3375)

Have a look what the booklet for
Yxy(63.8318, 0.3197, 0.3375)
contains.

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Color

Yxy(63.8622, 0.3199, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	D4D1CA
RGB	212, 209, 202
RGB Percent	83%, 82%, 79%
CMY	0.1685, 0.1804, 0.2078
CMYK	0.00, 0.01, 0.05, 0.17
HSL	42°, 10%, 81%
HSV	42°, 5%, 83%
XYZ	60.6217, 63.8622, 65.0182
YIQ	209.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

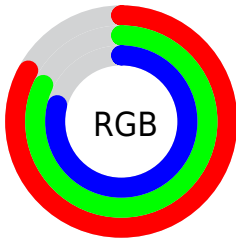
Format	Color
R _Y B	206, 212, 202
Decimal	13947338
CIE Lab	83.89, -0.18, 3.81
CIE LCh	84, 3.817, 92.749
Yxy	63.8622, 0.3199, 0.3370
Android (android.graphics.Color)	4292137418 (0xFFD4D1CA)
YUV	209.0990, -3.4998, 2.5442
Hunter-Lab	79.9138, -4.4411, 7.7011

Details

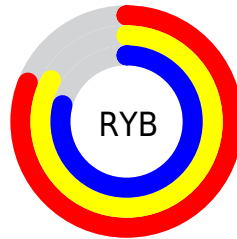
The Yxy color **63.8622, 0.3199, 0.3370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0065, 0.3056, 0.3209**, and the grayscale version is **63.8549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7489, 0.3212, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **59.8305, 0.3362, 0.3546**, and if you desaturate by 10%, it is **68.1653, 0.3051, 0.3203**.

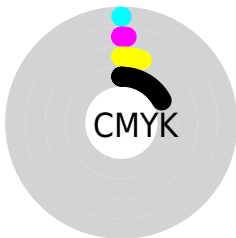
Distribution



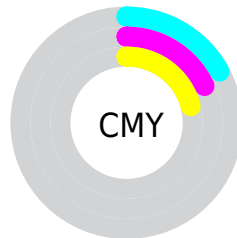
- Red (83%)
- Green (82%)
- Blue (79%)



- Red (81%)
- Yellow (83%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8622, 0.3199, 0.3370 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 63.8622, 0.3199, 0.3370 by changing the saturation by 10% instead.

■ 63.8622, 0.3199,
0.3370

■ 63.8622, 0.3199,
0.3370

438.6919, 0.3165,
0.3332

■ 46.5391, 0.3207,
0.3379

110.4125, 0.3187,
0.3357

■ 32.6714, 0.3217,
0.3390

140.4084, 0.3182,
0.3352

■ 21.8749, 0.3230,
0.3404

175.3974, 0.3178,
0.3347

■ 13.7650, 0.3247,
0.3423

215.7638, 0.3175,
0.3343

■ 7.9574, 0.3271,
0.3450

261.8920, 0.3172,
0.3340

■ 4.0677, 0.3307,
0.3490

314.1665, 0.3169,

■ 1.7115, 0.3367,

0.3337

0.3557

372.9717, 0.3167,
0.3334

0.4311, 0.3900,
0.4148

0.0000, 0.0000,
0.0000

63.8622, 0.3199,
0.3370

63.8622, 0.3199,
0.3370

59.8305, 0.3362,
0.3546

68.1653, 0.3051,
0.3203

56.0549, 0.3540,
0.3727

72.7382, 0.2918,
0.3048

52.5306, 0.3731,
0.3910

76.8867, 0.2859,
0.3009

49.2496, 0.3930,
0.4087

80.5047, 0.2862,
0.3078

■ 46.2034, 0.4133,
0.4248

■ 84.2564, 0.2865,
0.3146

■ 43.3827, 0.4330,
0.4383

■ 88.1431, 0.2868,
0.3213

■ 40.7771, 0.4514,
0.4481

■ 92.1660, 0.2871,
0.3280

■ 38.3748, 0.4673,
0.4533

■ 92.7426, 0.2872,
0.3289

■ 36.1620, 0.4802,
0.4535

Harmonies

Analogous

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



63.8622, 0.3220, 0.3347



63.8622, 0.3199, 0.3370



63.8622, 0.3159, 0.3372

Triad

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



63.8622, 0.3199, 0.3370



63.8622, 0.3039, 0.3270



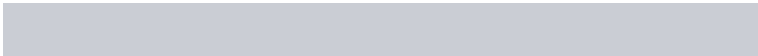
63.8622, 0.3144, 0.3231

Complementary

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



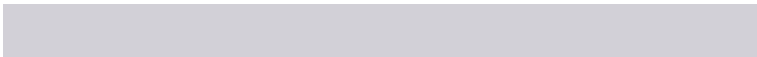
63.8622, 0.3199, 0.3370



61.0065, 0.3056, 0.3209

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.



63.8622, 0.3095, 0.3210



63.8622, 0.3199, 0.3370



63.8622, 0.3035, 0.3233

Square

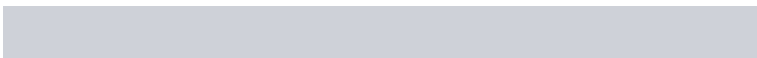
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.8622, 0.3199, 0.3370



63.8622, 0.3067, 0.3314



63.8622, 0.3056, 0.3211



63.8622, 0.3188, 0.3267

Rectangle

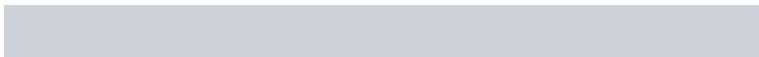
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.8622, 0.3199, 0.3370



63.8622, 0.3127, 0.3360



63.8622, 0.3056, 0.3211



63.8622, 0.3127, 0.3222

Sweetspot

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



63.8650, 0.3199, 0.3370



99.3435, 0.3142, 0.3307



60.6686, 0.3182, 0.3254



21.2705, 0.3141, 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.



63.8650, 0.3199, 0.3370



96.1229, 0.3220, 0.3393



65.1019, 0.3183, 0.3405



14.1113, 0.3228, 0.3402



21.8192, 0.4850, 0.4531



1.4587, 0.4710, 0.4643

Inverse Universe

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



61.0065, 0.3056, 0.3209



90.6045, 0.3035, 0.3185



59.8211, 0.3070, 0.3173



13.2298, 0.3027, 0.3175



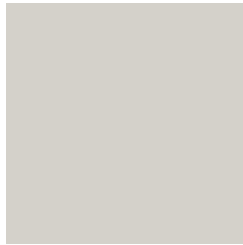
5.3830, 0.1616, 0.1016



0.4693, 0.1713, 0.1365

Previews

White Background



This preview shows how the Yxy color 63.8622, 0.3199, 0.3370 looks on a white background.

Color Contrast Check

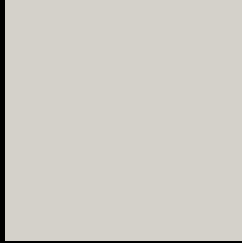
Large Text (above 18pt) WCAG AA × Fail

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 63.8622, 0.3199, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

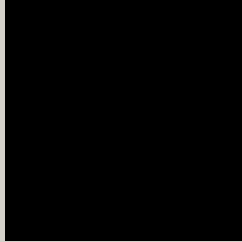
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

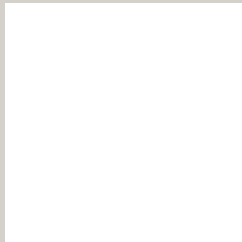
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8622, 0.3199, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 63.8622, 0.3199, 0.3370.

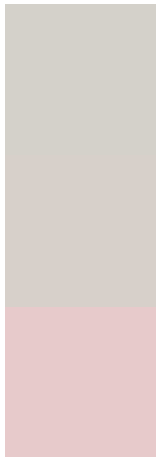


This preview shows how white text looks on a background with the Yxy color 63.8622, 0.3199, 0.3370.

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

63.8622, 0.3199, 0.3370

Protanopia

63.8231, 0.3223, 0.3359

Deuteranopia

63.5418, 0.3347, 0.3280



Tritanopia

63.8636, 0.3083, 0.3112

Trichromacy



Original Color

63.8622, 0.3199, 0.3370

Protanomaly

63.6722, 0.3215, 0.3359

Deuteranomaly

63.8217, 0.3288, 0.3313

Tritanomaly

63.8281, 0.3124, 0.3200

Monochromacy



Original Color

63.8622, 0.3199, 0.3370

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.7588, 0.3156, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8622, 0.3199, 0.3370 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(212, 209, 202) looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 202)  
}
```

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(212, 209, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 202) }
```

Border

The CSS property to change the border of an element to Yxy 63.8622, 0.3199, 0.3370 is called "border". The border property can be set on classes, ids or directly on the HTML element.

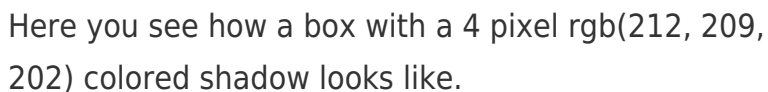
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 209, 202) }
```

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

```
.border{ border-color:rgb(212, 209, 202) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 209, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 209, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 209, 202); box-shadow:4px 4px 4px 4px rgb(212, 209, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8622, 0.3199, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 202) }
```

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

```
.background{ background-color: rgb(212,  
209, 202) }
```

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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