

Converting Colors

$Yxy(63.2402, 0.3308, 0.3743)$

Have a look what the booklet for
Yxy(63.2402, 0.3308, 0.3743)
contains.

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Color

Yxy(63.2402, 0.3308, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	CAD5AF
RGB	202, 213, 175
RGB Percent	79%, 84%, 69%
CMY	0.2078, 0.1647, 0.3137
CMYK	0.05, 0.00, 0.18, 0.16
HSL	77°, 31%, 76%
HSV	77°, 18%, 84%
XYZ	55.8906, 63.2402, 49.8251
YIQ	205.3790, 5.6420, -14.1500

Conversions

Conversions Part 2

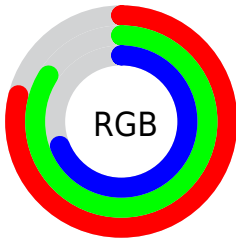
Format	Color
RYB	175, 213, 186
Decimal	13292975
CIELab	83.57, -10.28, 17.55
CIELCh	84, 20.340, 120.364
Yxy	63.2402, 0.3308, 0.3743
Android (android.graphics.Color)	4291483055 (0xFFCAD5AF)
YUV	205.3790, -14.9768, -2.9634
Hunter-Lab	79.5237, -13.7136, 18.5188

Details

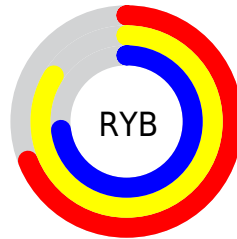
The Yxy color **63.2402, 0.3308, 0.3743** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.9112, 0.2923, 0.2820**, and the grayscale version is **61.4010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **32.1548, 0.3358, 0.3862** is the 20% darker color. If you saturate the color by 10%, you get **61.6274, 0.3408, 0.4014**, and if you desaturate by 10%, it is **65.0249, 0.3206, 0.3483**.

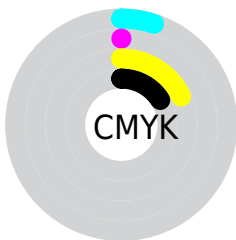
Distribution



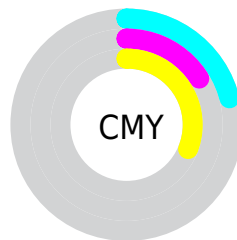
- Red (79%)
- Green (84%)
- Blue (69%)



- Red (69%)
- Yellow (84%)
- Blue (73%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)





- Cyan (21%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2402, 0.3308, 0.3743 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 63.2402, 0.3308, 0.3743 by changing the saturation by 10% instead.

 63.2402, 0.3308,
0.3743

 63.2402, 0.3308,
0.3743

436.4407, 0.3225,
0.3524

 46.0356, 0.3327,
0.3795


 109.5160, 0.3279,
0.3665

 32.2739, 0.3350,
0.3862


139.3559, 0.3268,
0.3635

 21.5708, 0.3379,
0.3947


174.1764, 0.3258,
0.3610

 13.5419, 0.3416,
0.4063

214.3618, 0.3250,
0.3588

 7.8027, 0.3465,
0.4226

260.2965, 0.3242,
0.3569

 3.9690, 0.3529,
0.4474

312.3650, 0.3236,

 1.6562, 0.3720,

0.3552

0.5037

370.9516, 0.3230,
0.3537

0.3951, 0.2396,
0.7604

0.0000, 0.0000,
0.0000

63.2402, 0.3308,
0.3743

63.2402, 0.3308,
0.3743

61.6274, 0.3408,
0.4014

65.0249, 0.3206,
0.3483

60.1718, 0.3502,
0.4288

66.9794, 0.3106,
0.3239

58.8689, 0.3586,
0.4557

69.1124, 0.3009,
0.3012

57.7111, 0.3653,
0.4809

71.0886, 0.2949,
0.2855

■ 56.6899, 0.3700,
0.5031

■ 72.1078, 0.2991,
0.2861

■ 55.7958, 0.3722,
0.5214

■ 73.1633, 0.3034,
0.2866

■ 55.0174, 0.3719,
0.5350

■ 74.2554, 0.3077,
0.2872

■ 54.3392, 0.3693,
0.5439

■ 75.3846, 0.3121,
0.2877

■ 54.2003, 0.3686,
0.5456

■ 76.0703, 0.3146,
0.2881

Harmonies

Analogous

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



63.2402, 0.3523, 0.3710



63.2402, 0.3308, 0.3743



63.2402, 0.3051, 0.3641

Triad

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



63.2402, 0.3308, 0.3743



63.2402, 0.2645, 0.2988



63.2402, 0.3436, 0.3146

Complementary

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



63.2402, 0.3308, 0.3743



45.9112, 0.2923, 0.2820

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.



63.2402, 0.3189, 0.2972



63.2402, 0.3308, 0.3743



63.2402, 0.2738, 0.2878

Square

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



63.2402, 0.3308, 0.3743



63.2402, 0.2675, 0.3190



63.2402, 0.2934, 0.2875



63.2402, 0.3601, 0.3360

Rectangle

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



63.2402, 0.3308, 0.3743



63.2402, 0.2890, 0.3510



63.2402, 0.2934, 0.2875



63.2402, 0.3359, 0.3082

Sweetspot

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



63.2430, 0.3308, 0.3743



98.5123, 0.3178, 0.3413



52.2670, 0.3448, 0.3420



21.0421, 0.3185, 0.3431



0.0000, 0.0000, 0.0000



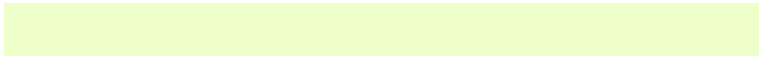
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.2430, 0.3308, 0.3743



94.1948, 0.3342, 0.3834



60.7835, 0.3165, 0.3763



14.3310, 0.3222, 0.3523



33.1612, 0.3693, 0.5450



2.0415, 0.3782, 0.5379

Inverse Universe

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



45.9112, 0.2923, 0.2820



63.9486, 0.2879, 0.2721



48.4169, 0.3078, 0.2841



12.1811, 0.3026, 0.3052



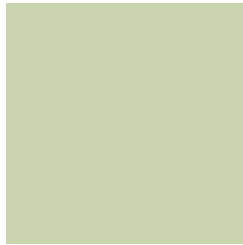
3.5994, 0.1694, 0.0707



0.2592, 0.1882, 0.0810

Previews

White Background



This preview shows how the Yxy color 63.2402, 0.3308, 0.3743 looks on a white background.

Color Contrast Check

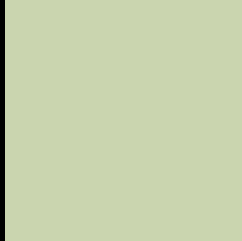
Large Text (above 18pt) WCAG AA × Fail

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 63.2402, 0.3308, 0.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

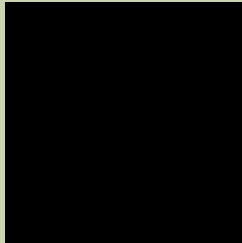
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

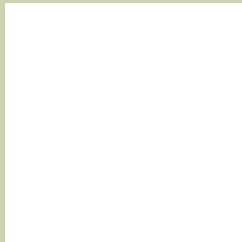
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2402, 0.3308, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 63.2402, 0.3308, 0.3743.



This preview shows how white text looks on a background with the Yxy color 63.2402, 0.3308, 0.3743.

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

63.2402, 0.3308, 0.3743

Protanopia

63.3060, 0.3482, 0.3703

Deuteranopia

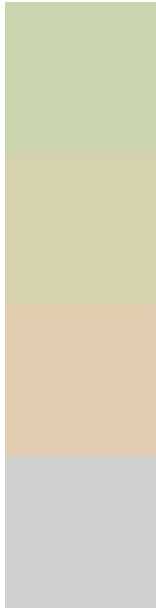
62.8736, 0.3611, 0.3532



Tritanopia

63.0256, 0.3032, 0.3098

Trichromacy



Original Color

63.2402, 0.3308, 0.3743

Protanomaly

63.2565, 0.3414, 0.3722

Deuteranomaly

63.0057, 0.3500, 0.3607

Tritanomaly

63.1790, 0.3126, 0.3325

Monochromacy



Original Color

63.2402, 0.3308, 0.3743

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.8442, 0.3195, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2402, 0.3308, 0.3743 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, 213, 175)` looks like.

```
.text, #text, p{  
    color:rgb(202, 213, 175)  
}
```

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, 213, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 213, 175) }
```

Border

The CSS property to change the border of an element to Yxy 63.2402, 0.3308, 0.3743 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, 213, 175) }
```

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

```
.border{ border-color:rgb(202, 213, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 213, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 213, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 213, 175);  
box-shadow:4px 4px 4px 4px rgb(202, 213,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2402, 0.3308, 0.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 213, 175) }
```

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

```
.background{ background-color: rgb(202,  
213, 175) }
```

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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