

Converting Colors

Yxy(63.4583, 0.3282, 0.3833)

Have a look what the booklet for
Yxy(63.4583, 0.3282, 0.3833)
contains.

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Color

Yxy(63.6541, 0.3278, 0.3834)

Conversions

Conversions Part 1

Format	Color
Hex	C3D8AB
RGB	195, 216, 171
RGB Percent	76%, 85%, 67%
CMY	0.2351, 0.1530, 0.3294
CMYK	0.10, 0.00, 0.21, 0.15
HSL	88°, 37%, 76%
HSV	88°, 21%, 85%
XYZ	54.4231, 63.6541, 47.9481
YIQ	204.5910, 1.9290, -18.4470

Conversions

Conversions Part 2

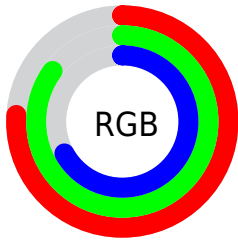
Format	Color
RYB	171, 216, 192
Decimal	12834987
CIELab	83.79, -14.91, 19.88
CIELCh	84, 24.856, 126.874
Yxy	63.6541, 0.3278, 0.3834
Android (android.graphics.Color)	4291025067 (0xFFC3D8AB)
YUV	204.5910, -16.5604, -8.4113
Hunter-Lab	79.7835, -17.8601, 20.2165

Details

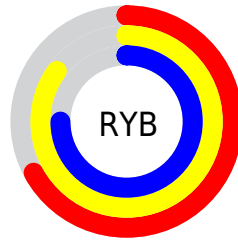
The Yxy color **63.6541, 0.3278, 0.3834** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.2841, 0.2949, 0.2743**, and the grayscale version is **60.8903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7064, 0.3278, 0.3573**, and **32.4844, 0.3306, 0.3969** is the 20% darker color. If you saturate the color by 10%, you get **61.6046, 0.3346, 0.4121**, and if you desaturate by 10%, it is **65.9339, 0.3206, 0.3562**.

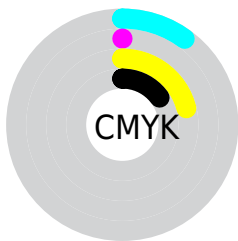
Distribution



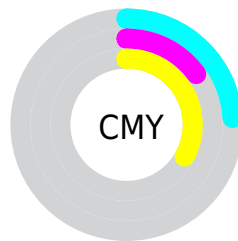
- Red (76%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)





- Cyan (24%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6541, 0.3278, 0.3834 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 63.6541, 0.3278, 0.3834 by changing the saturation by 10% instead.


 63.6541, 0.3278,
0.3834

 63.6541, 0.3278,
0.3834

437.9395, 0.3210,
0.3569

 46.3706, 0.3293,
0.3898


 110.1126, 0.3255,
0.3740

 32.5383, 0.3310,
0.3978

140.0564, 0.3246,
0.3704

 21.7730, 0.3331,
0.4083


174.9891, 0.3238,
0.3673

 13.6902, 0.3357,
0.4224

215.2950, 0.3231,
0.3647

 7.9055, 0.3389,
0.4425

261.3587, 0.3225,
0.3624

 4.0346, 0.3423,
0.4732

313.5643, 0.3220,

 1.6929, 0.3612,

0.3603

0.5505

372.2965, 0.3215,
0.3585

0.4191, 0.0755,
0.9245

0.0000, 0.0000,
0.0000

63.6541, 0.3278,
0.3834

63.6541, 0.3278,
0.3834

61.6046, 0.3346,
0.4121

65.9339, 0.3206,
0.3562

59.7688, 0.3407,
0.4416

68.4435, 0.3133,
0.3310

58.1405, 0.3455,
0.4709

71.1929, 0.3062,
0.3079

56.7102, 0.3487,
0.4986

74.0337, 0.3008,
0.2894

■ 55.4672, 0.3499,
0.5232

■ 75.7958, 0.3077,
0.2902

■ 54.3997, 0.3487,
0.5434

■ 77.5868, 0.3145,
0.2910

■ 53.4937, 0.3453,
0.5583

■ 52.7839, 0.3408,
0.5676

Harmonies

Analogous

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



63.6541, 0.3560, 0.3824



63.6541, 0.3278, 0.3834



63.6541, 0.2966, 0.3676

Triad

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



63.6541, 0.3278, 0.3834



63.6541, 0.2557, 0.2882



63.6541, 0.3559, 0.3168

Complementary

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



63.6541, 0.3278, 0.3834



45.2841, 0.2949, 0.2743

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.



63.6541, 0.3270, 0.2945



63.6541, 0.3278, 0.3834



63.6541, 0.2697, 0.2779

Square

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



63.6541, 0.3278, 0.3834



63.6541, 0.2560, 0.3104



63.6541, 0.2954, 0.2805



63.6541, 0.3730, 0.3427

Rectangle

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



63.6541, 0.3278, 0.3834



63.6541, 0.2782, 0.3498



63.6541, 0.2954, 0.2805



63.6541, 0.3472, 0.3087

Sweetspot

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



63.6569, 0.3278, 0.3834



97.7280, 0.3171, 0.3439



54.9082, 0.3495, 0.3531



20.8665, 0.3176, 0.3456



0.0000, 0.0000, 0.0000



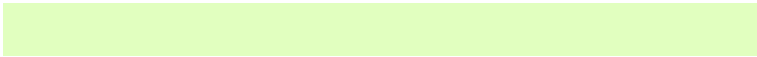
21.4041, 0.3127, 0.3290

Same Dimension

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



63.6569, 0.3278, 0.3834



91.3537, 0.3309, 0.3959



60.9607, 0.3116, 0.3862



14.2195, 0.3196, 0.3525



31.3107, 0.3418, 0.5668



1.9376, 0.3546, 0.5567

Inverse Universe

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



45.2841, 0.2949, 0.2743



59.9499, 0.2903, 0.2616



48.3426, 0.3132, 0.2772



12.2891, 0.3053, 0.3054



4.6187, 0.1963, 0.0855



0.3276, 0.2157, 0.0962

Previews

White Background



This preview shows how the Yxy color 63.6541, 0.3278, 0.3834 looks on a white background.

Color Contrast Check

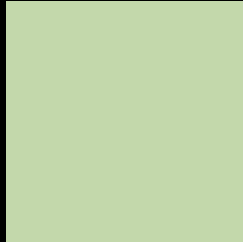
Large Text (above 18pt) WCAG AA × Fail

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 63.6541, 0.3278, 0.3834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

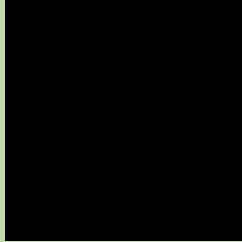
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

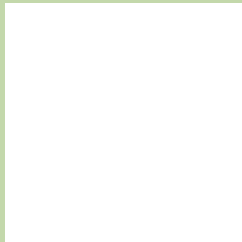
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6541, 0.3278, 0.3834

Background



This preview shows how black text looks on a background with the Yxy color 63.6541, 0.3278, 0.3834.

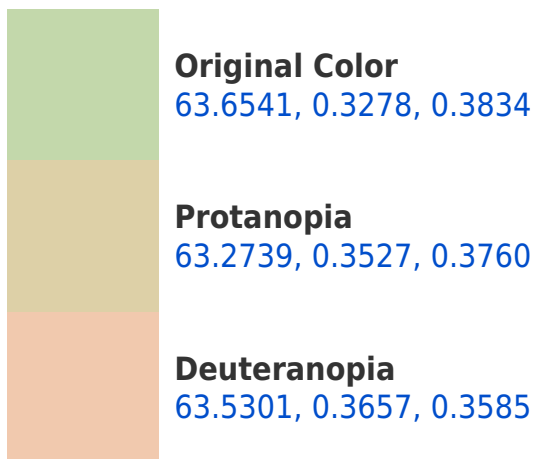


This preview shows how white text looks on a background with the Yxy color 63.6541, 0.3278, 0.3834.

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

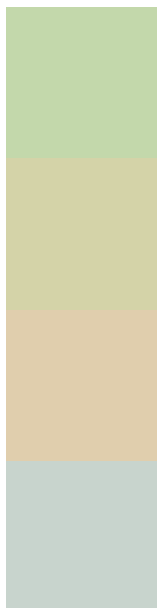




Tritanopia

63.7337, 0.2976, 0.3108

Trichromacy



Original Color

63.6541, 0.3278, 0.3834

Protanomaly

63.4127, 0.3440, 0.3793

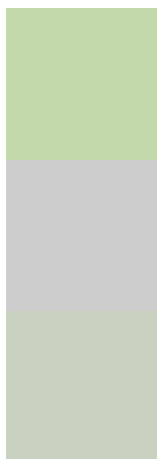
Deuteranomaly

63.0070, 0.3511, 0.3666

Tritanomaly

63.7741, 0.3087, 0.3372

Monochromacy



Original Color

63.6541, 0.3278, 0.3834

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.8687, 0.3179, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6541, 0.3278, 0.3834 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(195, 216, 171)` looks like.

```
.text, #text, p{  
    color:rgb(195, 216, 171)  
}
```

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(195, 216, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 216, 171) }
```

Border

The CSS property to change the border of an element to Yxy 63.6541, 0.3278, 0.3834 is called "border". The border property can be set on classes, ids or directly on the HTML element.

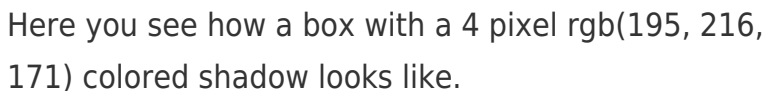
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 216, 171) }
```

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

```
.border{ border-color:rgb(195, 216, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 216, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 216, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 216, 171); box-shadow:4px 4px 4px 4px rgb(195, 216, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6541, 0.3278, 0.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 216, 171) }
```

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

```
.background{ background-color: rgb(195,  
216, 171) }
```

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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