

Converting Colors

$Yxy(63.4215, 0.3496, 0.3584)$

Have a look what the booklet for
Yxy(63.4215, 0.3496, 0.3584)
contains.

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Color

Yxy(63.4113, 0.3501, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	E4CDB3
RGB	228, 205, 179
RGB Percent	89%, 80%, 70%
CMY	0.1059, 0.1960, 0.2981
CMYK	0.00, 0.10, 0.22, 0.11
HSL	32°, 48%, 80%
HSV	32°, 22%, 89%
XYZ	61.9601, 63.4113, 51.6069
YIQ	208.9130, 22.0540, -3.2100

Conversions

Conversions Part 2

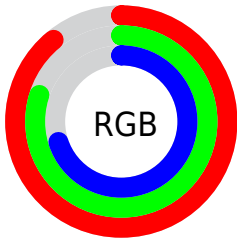
Format	Color
R_{YB}	222, 228, 179
Decimal	14994867
CIE _{Lab}	83.66, 3.98, 15.89
CIE _{LCh}	84, 16.379, 75.948
Yxy	63.4113, 0.3501, 0.3583
Android (android.graphics.Color)	4293184947 (0xFFE4CDB3)
YUV	208.9130, -14.7471, 16.7393
Hunter-Lab	79.6312, -0.4659, 17.3176

Details

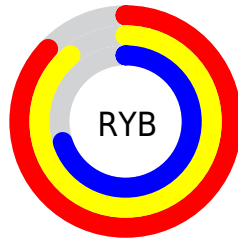
The Yxy color **63.4113, 0.3501, 0.3583** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.4055, 0.2786, 0.2978**, and the grayscale version is **63.7883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **32.4102, 0.3595, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **57.6248, 0.3710, 0.3727**, and if you desaturate by 10%, it is **69.7056, 0.3314, 0.3443**.

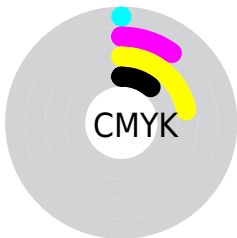
Distribution



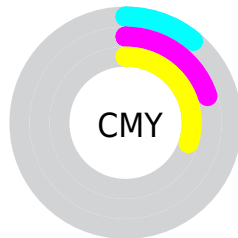
- Red (89%)
- Green (80%)
- Blue (70%)



- Red (87%)
- Yellow (89%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4113, 0.3501, 0.3583 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 63.4113, 0.3501, 0.3583 by changing the saturation by 10% instead.


 63.4113, 0.3501,
0.3583

 63.4113, 0.3501,
0.3583

437.0606, 0.3323,
0.3446

 46.1740, 0.3543,
0.3615


 109.7627, 0.3438,
0.3535

 32.3832, 0.3595,
0.3654


139.6456, 0.3414,
0.3517

 21.6543, 0.3662,
0.3704


174.5125, 0.3394,
0.3501

 13.6031, 0.3751,
0.3769


214.7477, 0.3376,
0.3487

 7.8452, 0.3874,
0.3857

260.7358, 0.3360,
0.3475

 3.9960, 0.4056,
0.3983

312.8610, 0.3346,

 1.6713, 0.4411,

0.3464

0.4233

371.5079, 0.3334,
0.3454

0.4050, 0.5434,
0.4566

0.0000, 0.0000,
0.0000

63.4113, 0.3501,
0.3583

63.4113, 0.3501,
0.3583

57.6248, 0.3710,
0.3727

69.7056, 0.3314,
0.3443

52.3231, 0.3942,
0.3868

76.5128, 0.3150,
0.3309

47.4939, 0.4192,
0.4000

83.8489, 0.3006,
0.3184

43.1207, 0.4454,
0.4112

90.7103, 0.2963,
0.3217

■ 39.1860, 0.4716,
0.4190

■ 95.2337, 0.2964,
0.3290

■ 35.6704, 0.4963,
0.4223

■ 32.5519, 0.5179,
0.4202

■ 30.1884, 0.5335,
0.4146

Harmonies

Analogous

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



63.4113, 0.3535, 0.3439



63.4113, 0.3501, 0.3583



63.4113, 0.3365, 0.3654

Triad

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



63.4113, 0.3501, 0.3583



63.4113, 0.2808, 0.3304



63.4113, 0.3076, 0.2984

Complementary

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



63.4113, 0.3501, 0.3583



57.4055, 0.2786, 0.2978

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.



63.4113, 0.2887, 0.2944



63.4113, 0.3501, 0.3583



63.4113, 0.2736, 0.3120

Square

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



63.4113, 0.3501, 0.3583



63.4113, 0.2964, 0.3492



63.4113, 0.2764, 0.2990



63.4113, 0.3285, 0.3100

Rectangle

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



63.4113, 0.3501, 0.3583



63.4113, 0.3237, 0.3645



63.4113, 0.2764, 0.2990



63.4113, 0.3008, 0.2962

Sweetspot

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



63.4142, 0.3501, 0.3583



94.5609, 0.3222, 0.3369



53.0193, 0.3357, 0.3025



20.1164, 0.3233, 0.3378



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.



63.4142, 0.3501, 0.3583



78.1839, 0.3596, 0.3650



75.0997, 0.3445, 0.3826



15.6289, 0.3279, 0.3415



17.6718, 0.5313, 0.4164



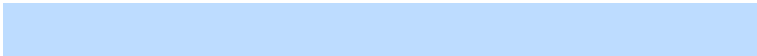
1.4915, 0.5105, 0.4329

Inverse Universe

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



57.4055, 0.2786, 0.2978



69.0769, 0.2709, 0.2901



47.5091, 0.2772, 0.2693



14.9959, 0.2981, 0.3162



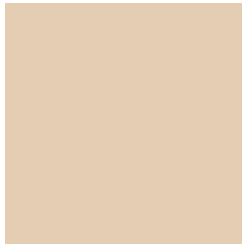
9.5294, 0.1745, 0.1480



0.8888, 0.1821, 0.1754

Previews

White Background



This preview shows how the Yxy color 63.4113, 0.3501, 0.3583 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 63.4113, 0.3501, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

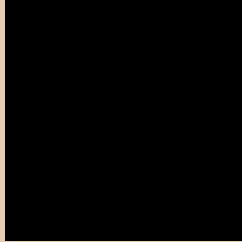
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

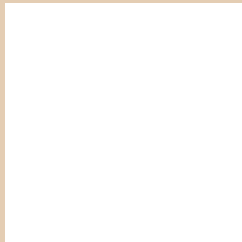
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4113, 0.3501, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 63.4113, 0.3501, 0.3583.



This preview shows how white text looks on a background with the Yxy color 63.4113, 0.3501, 0.3583.

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

63.4113, 0.3501, 0.3583

Protanopia

63.5080, 0.3407, 0.3600

Deuteranopia

63.4193, 0.3593, 0.3520



Tritanopia

63.5385, 0.3275, 0.3128

Trichromacy



Original Color

63.4113, 0.3501, 0.3583

Protanomaly

63.4505, 0.3441, 0.3598

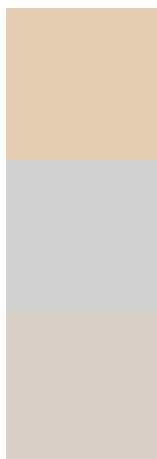
Deuteranomaly

63.1985, 0.3557, 0.3534

Tritanomaly

63.4943, 0.3355, 0.3291

Monochromacy



Original Color

63.4113, 0.3501, 0.3583

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.7879, 0.3259, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4113, 0.3501, 0.3583 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(228, 205, 179)` looks like.

```
.text, #text, p{  
    color:rgb(228, 205, 179)  
}
```

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(228, 205, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 205, 179) }
```

Border

The CSS property to change the border of an element to Yxy 63.4113, 0.3501, 0.3583 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(228, 205, 179) }
```

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

```
.border{ border-color:rgb(228, 205, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 205, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 205, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 205, 179);  
box-shadow:4px 4px 4px 4px rgb(228, 205,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4113, 0.3501, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 205, 179) }
```

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

```
.background{ background-color: rgb(228,  
205, 179) }
```

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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