

Converting Colors

$Yxy(63.0057, 0.3500, 0.3607)$

Have a look what the booklet for
Yxy(63.0057, 0.3500, 0.3607)
contains.

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Color

Yxy(63.0057, 0.3500, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	E2CDB1
RGB	226, 205, 177
RGB Percent	89%, 80%, 69%
CMY	0.1136, 0.1961, 0.3059
CMYK	0.00, 0.09, 0.22, 0.11
HSL	34°, 46%, 79%
HSV	34°, 22%, 89%
XYZ	61.1367, 63.0057, 50.5338
YIQ	208.0870, 21.5040, -4.2560

Conversions

Conversions Part 2

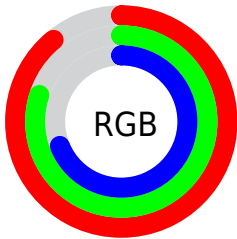
Format	Color
R_{YB}	214, 226, 177
Decimal	14863793
CIE Lab	83.45, 2.97, 16.61
CIE LCh	83, 16.873, 79.876
Yxy	63.0057, 0.3500, 0.3607
Android (android.graphics.Color)	4293053873 (0xFFE2CDB1)
YUV	208.0870, -15.3259, 15.7097
Hunter-Lab	79.3761, -1.4249, 17.8171

Details

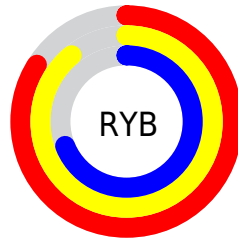
The Yxy color **63.0057, 0.3500, 0.3607** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.2405, 0.2781, 0.2951**, and the grayscale version is **63.2299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **32.1345, 0.3594, 0.3692** is the 20% darker color. If you saturate the color by 10%, you get **57.6852, 0.3704, 0.3761**, and if you desaturate by 10%, it is **68.7685, 0.3316, 0.3457**.

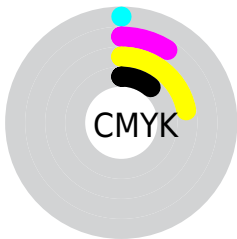
Distribution



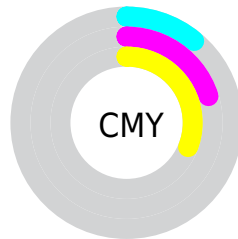
- Red (89%)
- Green (80%)
- Blue (69%)



- Red (84%)
- Yellow (89%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (22%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0057, 0.3500, 0.3607 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 63.0057, 0.3500, 0.3607 by changing the saturation by 10% instead.


 63.0057, 0.3500,
0.3607

 63.0057, 0.3500,
0.3607


435.5902, 0.3323,
0.3458

 45.8458, 0.3542,
0.3642


 109.1777, 0.3438,
0.3555

 32.1242, 0.3594,
0.3684


138.9587, 0.3414,
0.3535

 21.4564, 0.3660,
0.3739


173.7154, 0.3393,
0.3517

 13.4580, 0.3749,
0.3810

213.8324, 0.3375,
0.3502

 7.7447, 0.3871,
0.3908

259.6940, 0.3360,
0.3489

 3.9320, 0.4051,
0.4047

311.6845, 0.3346,

 1.6356, 0.4430,

0.3478

0.4349

370.1884, 0.3334,
0.3467

0.3814, 0.5328,
0.4672

0.0000, 0.0000,
0.0000

63.0057, 0.3500,
0.3607

63.0057, 0.3500,
0.3607

57.6852, 0.3704,
0.3761

68.7685, 0.3316,
0.3457

52.7861, 0.3928,
0.3912

74.9770, 0.3153,
0.3313

48.2979, 0.4166,
0.4053

81.6454, 0.3009,
0.3179

44.2064, 0.4412,
0.4172

87.9591, 0.2950,
0.3176

■ 40.4962, 0.4655,
0.4258

■ 93.9405, 0.2952,
0.3274

■ 37.1502, 0.4882,
0.4299

■ 94.9127, 0.2952,
0.3289

■ 34.1489, 0.5078,
0.4286

■ 31.8940, 0.5216,
0.4240

Harmonies

Analogous

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



63.0057, 0.3551, 0.3465



63.0057, 0.3500, 0.3607



63.0057, 0.3348, 0.3668

Triad

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



63.0057, 0.3500, 0.3607



63.0057, 0.2782, 0.3278



63.0057, 0.3103, 0.2987

Complementary

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



63.0057, 0.3500, 0.3607



55.2405, 0.2781, 0.2951

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.



63.0057, 0.2901, 0.2933



63.0057, 0.3500, 0.3607



63.0057, 0.2721, 0.3093

Square

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



63.0057, 0.3500, 0.3607



63.0057, 0.2934, 0.3475



63.0057, 0.2764, 0.2969



63.0057, 0.3317, 0.3114

Rectangle

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



63.0057, 0.3500, 0.3607



63.0057, 0.3212, 0.3649



63.0057, 0.2764, 0.2969



63.0057, 0.3031, 0.2960

Sweetspot

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



63.0085, 0.3500, 0.3607



94.1152, 0.3238, 0.3389



51.7060, 0.3380, 0.3050



20.0389, 0.3248, 0.3398



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.



63.0085, 0.3500, 0.3607



79.6205, 0.3589, 0.3676



73.2296, 0.3429, 0.3834



14.9935, 0.3278, 0.3424



18.4314, 0.5196, 0.4257



1.4543, 0.4999, 0.4412

Inverse Universe

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



55.2405, 0.2781, 0.2951



67.6969, 0.2706, 0.2871



46.6728, 0.2787, 0.2691



14.2052, 0.2981, 0.3153



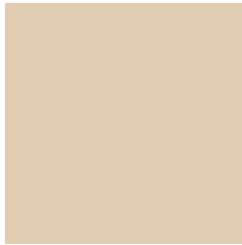
8.2284, 0.1710, 0.1356



0.7455, 0.1794, 0.1657

Previews

White Background



This preview shows how the Yxy color 63.0057, 0.3500, 0.3607 looks on a white background.

Color Contrast Check

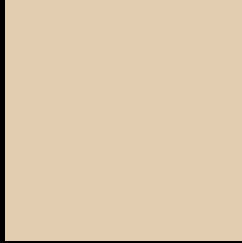
Large Text (above 18pt) WCAG AA × Fail

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 63.0057, 0.3500, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

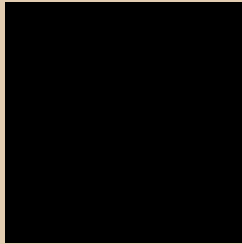
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

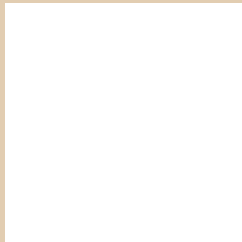
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0057, 0.3500, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 63.0057, 0.3500, 0.3607.



This preview shows how white text looks on a background with the Yxy color 63.0057, 0.3500, 0.3607.

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

63.0057, 0.3500, 0.3607

Protanopia

62.9001, 0.3431, 0.3624

Deuteranopia

62.8736, 0.3611, 0.3532



Tritanopia

63.2038, 0.3260, 0.3127

Trichromacy



Original Color

63.0057, 0.3500, 0.3607

Protanomaly

62.8866, 0.3458, 0.3610

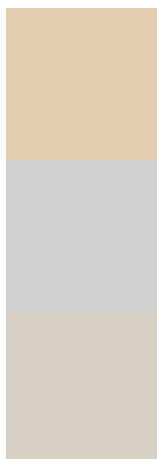
Deuteranomaly

62.9478, 0.3565, 0.3557

Tritanomaly

63.1161, 0.3347, 0.3302

Monochromacy



Original Color

63.0057, 0.3500, 0.3607

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.1039, 0.3260, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0057, 0.3500, 0.3607 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(226, 205, 177)` looks like.

```
.text, #text, p{  
    color:rgb(226, 205, 177)  
}
```

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(226, 205, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 205, 177) }
```

Border

The CSS property to change the border of an element to Yxy 63.0057, 0.3500, 0.3607 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(226, 205, 177) }
```

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

```
.border{ border-color:rgb(226, 205, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 205, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 205, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 205, 177); box-shadow:4px 4px 4px 4px rgb(226, 205, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0057, 0.3500, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 205, 177) }
```

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

```
.background{ background-color: rgb(226,  
205, 177) }
```

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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