

# Converting Colors

$Yxy(62.6541, 0.3511, 0.3629)$

Have a look what the booklet for  
Yxy(62.6541, 0.3511, 0.3629)  
contains.

|   |    |
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# Color

**Yxy(62.7653, 0.3507, 0.3631)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E1CDAF                     |
| RGB         | 225, 205, 175              |
| RGB Percent | 88%, 80%, 69%              |
| CMY         | 0.1176, 0.1961, 0.3138     |
| CMYK        | 0.00, 0.09, 0.22, 0.12     |
| HSL         | 36°, 45%, 78%              |
| HSV         | 36°, 22%, 88%              |
| XYZ         | 60.6218, 62.7653, 49.4724  |
| YIQ         | 207.5600, 21.5500, -5.0900 |

# Conversions

## Conversions Part 2

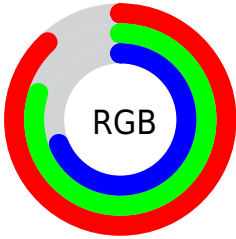
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 208, 225, 175                  |
| Decimal                             | 14798255                       |
| CIE <sub>Lab</sub>                  | 83.32, 2.30, 17.48             |
| CIE <sub>LCh</sub>                  | 83, 17.634, 82.516             |
| Yxy                                 | 62.7653, 0.3507,<br>0.3631     |
| Android<br>(android.graphics.Color) | 4292988335<br>(0xFFE1CDAF)     |
| YUV                                 | 207.5600, -16.0521,<br>15.2949 |
| Hunter-Lab                          | 79.2246, -2.0565,<br>18.4331   |

# Details

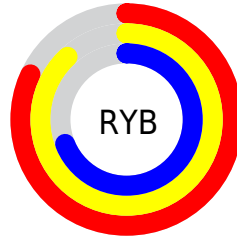
The Yxy color **62.7653, 0.3507, 0.3631** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.5793, 0.2771, 0.2924**, and the grayscale version is **62.8740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **31.9734, 0.3603, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **57.7735, 0.3708, 0.3792**, and if you desaturate by 10%, it is **68.1578, 0.3324, 0.3473**.

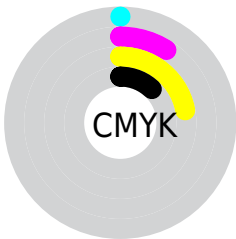
# Distribution



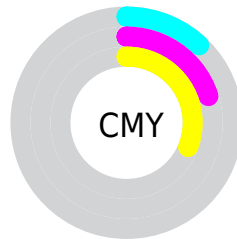
- Red (88%)
- Green (80%)
- Blue (69%)



- Red (82%)
- Yellow (88%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (22%)
- Black (12%)




- Cyan (12%)
- Magenta (20%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7653, 0.3507, 0.3631 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 62.7653, 0.3507, 0.3631 by changing the saturation by 10% instead.




 62.7653, 0.3507,  
0.3631

 62.7653, 0.3507,  
0.3631


434.7172, 0.3326,  
0.3470

 45.6514, 0.3549,  
0.3668

 108.8308, 0.3443,  
0.3575

 31.9708, 0.3602,  
0.3715


138.5512, 0.3419,  
0.3553

 21.3392, 0.3670,  
0.3774


173.2426, 0.3398,  
0.3534

 13.3722, 0.3760,  
0.3851

213.2892, 0.3380,  
0.3518

 7.6853, 0.3884,  
0.3957

259.0757, 0.3364,  
0.3504

 3.8943, 0.4065,  
0.4107

310.9862, 0.3350,

 1.6146, 0.4478,

0.3491

0.4463

369.4052, 0.3337,  
0.3480

0.3674, 0.5245,  
0.4755

0.0000, 0.0000,  
0.0000

62.7653, 0.3507,  
0.3631

62.7653, 0.3507,  
0.3631

57.7735, 0.3708,  
0.3792

68.1578, 0.3324,  
0.3473

53.1625, 0.3927,  
0.3949

73.9533, 0.3161,  
0.3322

48.9230, 0.4157,  
0.4096

80.1649, 0.3016,  
0.3181

45.0418, 0.4392,  
0.4220

86.1418, 0.2943,  
0.3147

■ 41.5049, 0.4622,  
0.4310

■ 91.6025, 0.2945,  
0.3239

■ 38.2963, 0.4832,  
0.4354

■ 94.7491, 0.2946,  
0.3289

■ 35.3979, 0.5013,  
0.4345

■ 33.3395, 0.5132,  
0.4307

# Harmonies

## Analogous

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



62.7653, 0.3571, 0.3488



62.7653, 0.3507, 0.3631



62.7653, 0.3340, 0.3686

# Triad

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



62.7653, 0.3507, 0.3631



62.7653, 0.2757, 0.3259



62.7653, 0.3121, 0.2982

# Complementary

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



62.7653, 0.3507, 0.3631



53.5793, 0.2771, 0.2924

# 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.



62.7653, 0.2907, 0.2919



62.7653, 0.3507, 0.3631



62.7653, 0.2703, 0.3068

# Square

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



62.7653, 0.3507, 0.3631



62.7653, 0.2908, 0.3467



62.7653, 0.2757, 0.2947



62.7653, 0.3344, 0.3120



# Rectangle

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



62.7653, 0.3507, 0.3631



62.7653, 0.3196, 0.3660



62.7653, 0.2757, 0.2947



62.7653, 0.3046, 0.2951

# Sweetspot

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



62.7681, 0.3507, 0.3631



94.4321, 0.3237, 0.3394



50.6061, 0.3402, 0.3062



20.1123, 0.3247, 0.3403



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.



62.7681, 0.3507, 0.3631



80.0022, 0.3605, 0.3711



72.1672, 0.3424, 0.3850



15.0616, 0.3277, 0.3430



19.4444, 0.5113, 0.4322



1.5216, 0.4934, 0.4465



# Inverse Universe

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



53.5793, 0.2771, 0.2924



65.6138, 0.2687, 0.2829



45.7963, 0.2790, 0.2677



14.1386, 0.2981, 0.3145



7.5603, 0.1686, 0.1269

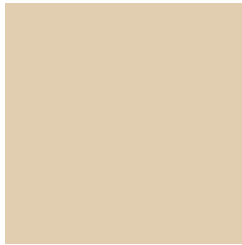


0.6958, 0.1771, 0.1576



# Previews

## White Background



This preview shows how the Yxy color 62.7653, 0.3507, 0.3631 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 62.7653, 0.3507, 0.3631 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

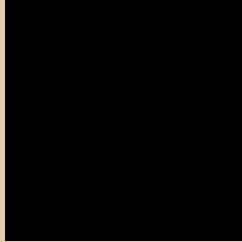
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

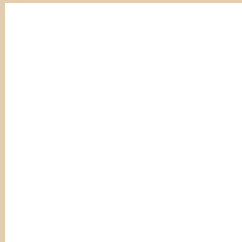
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 62.7653, 0.3507, 0.3631**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.7653, 0.3507, 0.3631.



This preview shows how white text looks on a background with the Yxy color 62.7653, 0.3507, 0.3631.

# 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

62.7653, 0.3507, 0.3631

### Protanopia

62.8203, 0.3446, 0.3647

### Deuteranopia

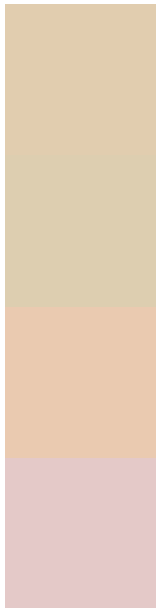
62.7939, 0.3627, 0.3554



## Tritanopia

62.5761, 0.3253, 0.3116

# Trichromacy



## Original Color

62.7653, 0.3507, 0.3631

## Protanomaly

62.6494, 0.3465, 0.3634

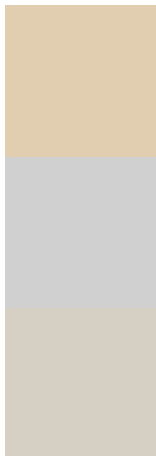
## Deuteranomaly

62.8681, 0.3580, 0.3579

## Tritanomaly

62.4374, 0.3348, 0.3302

# Monochromacy



## Original Color

62.7653, 0.3507, 0.3631

## Achromatopsia

63.0757, 0.3127, 0.3290

## Achromatomaly

62.9073, 0.3259, 0.3417

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.7653, 0.3507, 0.3631 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(225, 205, 175)` looks like.

```
.text, #text, p{  
    color:rgb(225, 205, 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(225, 205, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 205, 175) }
```

## Border

The CSS property to change the border of an element to Yxy 62.7653, 0.3507, 0.3631 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(225, 205, 175) }
```

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

```
.border{ border-color:rgb(225, 205, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 205, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 205, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 205, 175);  
box-shadow:4px 4px 4px 4px rgb(225, 205,  
175) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.7653, 0.3507, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 205, 175) }
```

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

```
.background{ background-color: rgb(225,  
205, 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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