

# Converting Colors

$Yxy(62.3135, 0.3660, 0.3892)$

Have a look what the booklet for  
Yxy(62.3135, 0.3660, 0.3892)  
contains.

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# Color

**Yxy(62.2898, 0.3662, 0.3895)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0CE99
RGB	224, 206, 153
RGB Percent	88%, 81%, 60%
CMY	0.1215, 0.1921, 0.4000
CMYK	0.00, 0.08, 0.32, 0.12
HSL	45°, 53%, 74%
HSV	45°, 32%, 88%
XYZ	58.5636, 62.2898, 39.0691
YIQ	205.3400, 27.7410, -12.6670

# Conversions

## Conversions Part 2

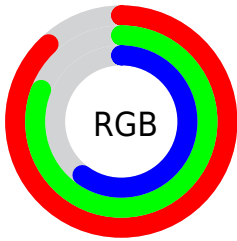
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 224, 153
Decimal	14732953
CIELab	83.07, -1.55, 28.69
CIELCh	83, 28.728, 93.086
Yxy	62.2898, 0.3662, 0.3895
Android (android.graphics.Color)	4292923033 (0xFFE0CE99)
YUV	205.3400, -25.8036, 16.3648
Hunter-Lab	78.9239, -5.6651, 25.8969

# Details

The Yxy color **62.2898, 0.3662, 0.3895** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.2803, 0.2592, 0.2600**, and the grayscale version is **61.4343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **31.7209, 0.3796, 0.4050** is the 20% darker color. If you saturate the color by 10%, you get **58.9346, 0.3850, 0.4086**, and if you desaturate by 10%, it is **65.8885, 0.3481, 0.3700**.

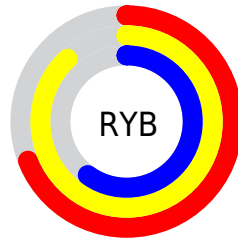
# Distribution



Red (88%)

Green (81%)

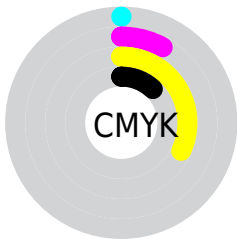
Blue (60%)



Red (69%)

Yellow (88%)

Blue (60%)

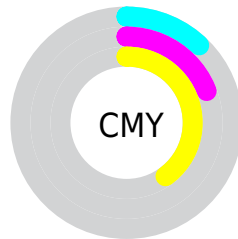


Cyan (0%)

Magenta (8%)

Yellow (32%)

Black (12%)



Cyan (12%)

Magenta (19%)


Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2898, 0.3662, 0.3895 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 62.2898, 0.3662, 0.3895 by changing the saturation by 10% instead.



 62.2898, 0.3662,  
0.3895

 62.2898, 0.3662,  
0.3895


432.9874, 0.3411,  
0.3609

 45.2669, 0.3720,  
0.3961


 108.1443, 0.3574,  
0.3795

 31.6677, 0.3790,  
0.4043


 137.7446, 0.3540,  
0.3756

 21.1078, 0.3879,  
0.4146


172.3063, 0.3511,  
0.3723

 13.2028, 0.3994,  
0.4279

212.2136, 0.3486,  
0.3694

 7.5684, 0.4143,  
0.4456

257.8509, 0.3464,  
0.3669

 3.8200, 0.4346,  
0.4701

309.6028, 0.3444,

 1.5734, 0.4780,

0.3646

0.5220

367.8535, 0.3426,  
0.3627

■ 0.3396, 0.4563,  
0.5437

■ 0.0000, 0.0000,  
0.0000

■ 62.2898, 0.3662,  
0.3895

■ 62.2898, 0.3662,  
0.3895

■ 58.9346, 0.3850,  
0.4086

■ 65.8885, 0.3481,  
0.3700

■ 55.8056, 0.4040,  
0.4262


■ 69.7303, 0.3310,  
0.3507


■ 52.8960, 0.4224,  
0.4415


■ 73.8259, 0.3153,  
0.3321

■ 50.1951, 0.4393,  
0.4533

■ 78.1824, 0.3009,  
0.3145


 47.6908, 0.4540,  
0.4608

 82.1460, 0.2936,  
0.3079

 45.3690, 0.4657,  
0.4633

 85.4400, 0.2937,  
0.3138

 43.5623, 0.4734,  
0.4623

 88.8389, 0.2938,  
0.3196

 92.3433, 0.2940,  
0.3254

 94.5892, 0.2940,  
0.3289

# Harmonies

## Analogous

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



62.2898, 0.3839, 0.3692



62.2898, 0.3662, 0.3895



62.2898, 0.3345, 0.3937

# Triad

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



62.2898, 0.3662, 0.3895



62.2898, 0.2484, 0.3110



62.2898, 0.3245, 0.2866

# Complementary

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



62.2898, 0.3662, 0.3895



41.2803, 0.2592, 0.2600

# 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.



62.2898, 0.2881, 0.2720



62.2898, 0.3662, 0.3895



62.2898, 0.2459, 0.2839

# Square

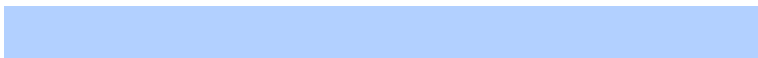
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.2898, 0.3662, 0.3895



62.2898, 0.2669, 0.3460



62.2898, 0.2600, 0.2706



62.2898, 0.3593, 0.3111



# Rectangle

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



62.2898, 0.3662, 0.3895



62.2898, 0.3101, 0.3852



62.2898, 0.2600, 0.2706



62.2898, 0.3119, 0.2805

# Sweetspot

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



62.2926, 0.3662, 0.3895



94.4085, 0.3284, 0.3476



41.6049, 0.3656, 0.3068



20.0451, 0.3307, 0.3503



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.



62.2926, 0.3662, 0.3895



80.5640, 0.3785, 0.4021



68.9464, 0.3477, 0.4114



15.4102, 0.3273, 0.3464



25.5462, 0.4724, 0.4631



1.9111, 0.4624, 0.4710



# Inverse Universe

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



41.2803, 0.2592, 0.2600



48.2312, 0.2469, 0.2429



36.6597, 0.2694, 0.2390



13.8053, 0.2981, 0.3110



4.9804, 0.1584, 0.0901

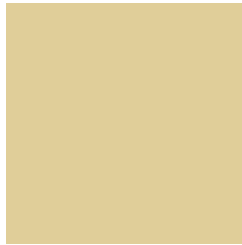


0.4871, 0.1666, 0.1197



# Previews

## White Background



This preview shows how the Yxy color 62.2898, 0.3662, 0.3895 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 62.2898, 0.3662, 0.3895 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

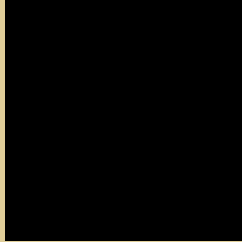
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.2898, 0.3662, 0.3895**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.2898, 0.3662, 0.3895.



This preview shows how white text looks on a background with the Yxy color 62.2898, 0.3662, 0.3895.

# 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

62.2898, 0.3662, 0.3895

### Protanopia

62.4552, 0.3642, 0.3909

### Deuteranopia

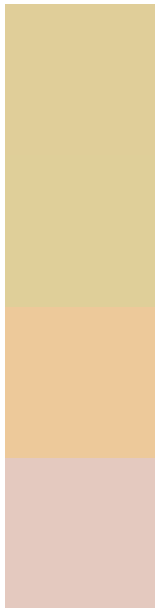
61.9878, 0.3843, 0.3756



## Tritanopia

62.1812, 0.3277, 0.3127

# Trichromacy



**Original Color**

62.2898, 0.3662, 0.3895

**Protanomaly**

62.6135, 0.3650, 0.3907

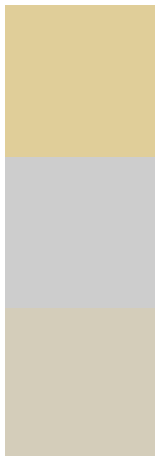
**Deuteranomaly**

62.1109, 0.3780, 0.3809

**Tritanomaly**

62.0289, 0.3417, 0.3403

# Monochromacy



**Original Color**

62.2898, 0.3662, 0.3895

**Achromatopsia**

61.0496, 0.3127, 0.3290

**Achromatomaly**

61.2049, 0.3319, 0.3512

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  62.2898, 0.3662, 0.3895 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(224, 206, 153)` looks like.

```
.text, #text, p{  
    color:rgb(224, 206, 153)  
}
```

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(224, 206, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 206, 153) }
```

## Border

The CSS property to change the border of an element to Yxy 62.2898, 0.3662, 0.3895 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(224, 206, 153) }
```

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

```
.border{ border-color:rgb(224, 206, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 206, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 206, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 206, 153);  
box-shadow:4px 4px 4px 4px rgb(224, 206,  
153) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.2898, 0.3662, 0.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 206, 153) }
```

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

```
.background{ background-color: rgb(224,  
206, 153) }
```

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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