

# Converting Colors

Yxy(69.2343, 0.3458, 0.3513)

Have a look what the booklet for  
Yxy(69.2343, 0.3458, 0.3513)  
contains.

<b>Yxy(69.3988, 0.3458, 0.3517)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(69.3988, 0.3458, 0.3517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDD5C0
RGB	237, 213, 192
RGB Percent	93%, 84%, 75%
CMY	0.0706, 0.1647, 0.2469
CMYK	0.00, 0.10, 0.19, 0.07
HSL	28°, 56%, 84%
HSV	28°, 19%, 93%
XYZ	68.2346, 69.3988, 59.6905
YIQ	217.7820, 21.0450, -1.4430

# Conversions

## Conversions Part 2

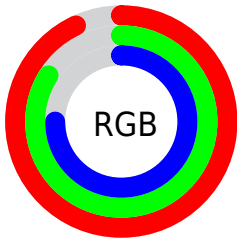
Format	Color
<a href="#">RYB</a>	<a href="#">237, 231, 192</a>
Decimal	<a href="#">15586752</a>
CIELab	<a href="#">86.70, 5.03, 13.38</a>
CIELCh	<a href="#">87, 14.298, 69.412</a>
Yxy	<a href="#">69.3988, 0.3458, 0.3517</a>
Android (android.graphics.Color)	<a href="#">4293776832</a> ( <a href="#">0xFFEDD5C0</a> )
YUV	<a href="#">217.7820, -12.7105, 16.8542</a>
Hunter-Lab	<a href="#">83.3059, 0.4211, 15.8316</a>

# Details

The Yxy color **69.3988, 0.3458, 0.3517** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4498, 0.2829, 0.3052**, and the grayscale version is **70.0341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **36.1416, 0.3538, 0.3558** is the 20% darker color. If you saturate the color by 10%, you get **62.3186, 0.3670, 0.3644**, and if you desaturate by 10%, it is **77.1505, 0.3273, 0.3394**.

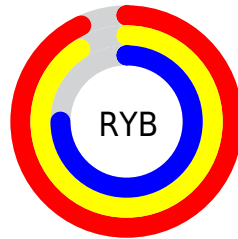
# Distribution



Red (93%)

Green (84%)

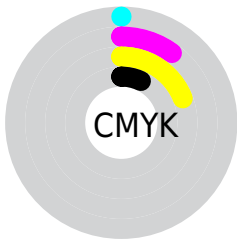
Blue (75%)



Red (93%)

Yellow (91%)

Blue (75%)

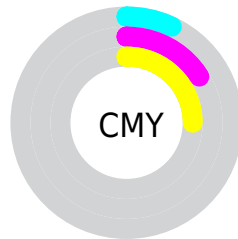


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (7%)



Cyan (7%)

Magenta (16%)


Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3988, 0.3458, 0.3517 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 69.3988, 0.3458, 0.3517 by changing the saturation by 10% instead.




 69.3988, 0.3458,  
0.3517

 69.3988, 0.3458,  
0.3517

458.4363, 0.3303,  
0.3413

 51.0366, 0.3494,  
0.3541


 118.3510, 0.3404,  
0.3481

 36.2377, 0.3539,  
0.3570

149.7098, 0.3383,  
0.3467

 24.6178, 0.3595,  
0.3606


186.1695, 0.3365,  
0.3455

 15.7926, 0.3670,  
0.3654

228.1145, 0.3349,  
0.3444

 9.3775, 0.3773,  
0.3717

275.9294, 0.3335,  
0.3435

 4.9882, 0.3923,  
0.3807

329.9983, 0.3323,

 2.2403, 0.4159,

0.3427

0.3939

390.7058, 0.3313,  
0.3419

0.7419, 0.5274,  
0.4726

0.0000, 0.0000,  
0.0000

69.3988, 0.3458,  
0.3517

69.3988, 0.3458,  
0.3517

62.3186, 0.3670,  
0.3644

77.1505, 0.3273,  
0.3394

55.8812, 0.3909,  
0.3771

85.5826, 0.3112,  
0.3278

50.0692, 0.4174,  
0.3891

94.1808, 0.3018,  
0.3250

44.8611, 0.4459,  
0.3993

96.7429, 0.3017,  
0.3290

■ 40.2336, 0.4752,  
0.4067

■ 36.1614, 0.5037,  
0.4097

■ 32.6164, 0.5295,  
0.4075

■ 29.5622, 0.5509,  
0.4000

■ 29.2712, 0.5530,  
0.3991

# Harmonies

## Analogous

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



69.3988, 0.3465, 0.3386



69.3988, 0.3458, 0.3517



69.3988, 0.3360, 0.3592

# Triad

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



69.3988, 0.3458, 0.3517



69.3988, 0.2880, 0.3339



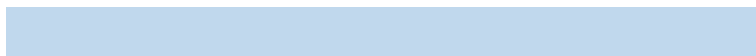
69.3988, 0.3047, 0.3016

# Complementary

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



69.3988, 0.3458, 0.3517



66.4498, 0.2829, 0.3052

# 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.



69.3988, 0.2895, 0.2998



69.3988, 0.3458, 0.3517



69.3988, 0.2801, 0.3179

# Square

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



69.3988, 0.3458, 0.3517



69.3988, 0.3025, 0.3490



69.3988, 0.2806, 0.3055



69.3988, 0.3224, 0.3102



# Rectangle

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



69.3988, 0.3458, 0.3517



69.3988, 0.3258, 0.3596



69.3988, 0.2806, 0.3055



69.3988, 0.2991, 0.3002

# Sweetspot

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



69.4019, 0.3458, 0.3517



93.9549, 0.3223, 0.3359



60.7172, 0.3302, 0.3025



19.9732, 0.3234, 0.3367



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.



69.4019, 0.3458, 0.3517



78.4148, 0.3542, 0.3569



81.0799, 0.3417, 0.3740



16.2123, 0.3281, 0.3400



16.2399, 0.5503, 0.4012



1.4662, 0.5275, 0.4193



# Inverse Universe

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



66.4498, 0.2829, 0.3052



74.2940, 0.2762, 0.2994



56.0373, 0.2814, 0.2796



15.8799, 0.2981, 0.3177



11.8146, 0.1804, 0.1694

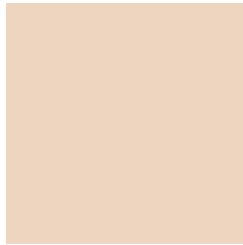


1.1201, 0.1870, 0.1932



# Previews

## White Background



This preview shows how the Yxy color 69.3988, 0.3458, 0.3517 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 69.3988, 0.3458, 0.3517 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

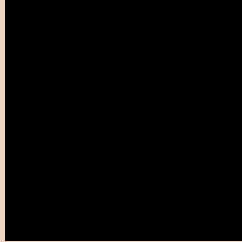
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

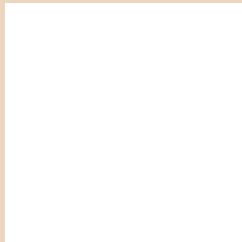
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 69.3988, 0.3458, 0.3517**

## **Background**



This preview shows how black text looks on a background with the Yxy color 69.3988, 0.3458, 0.3517.



This preview shows how white text looks on a background with the Yxy color 69.3988, 0.3458, 0.3517.

# 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

69.3988, 0.3458, 0.3517

### Protanopia

69.1755, 0.3354, 0.3534

### Deuteranopia

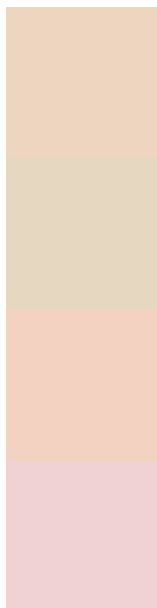
69.2253, 0.3538, 0.3460



## Tritanopia

69.2488, 0.3256, 0.3113

# Trichromacy



## Original Color

69.3988, 0.3458, 0.3517

## Protanomaly

69.2741, 0.3393, 0.3532

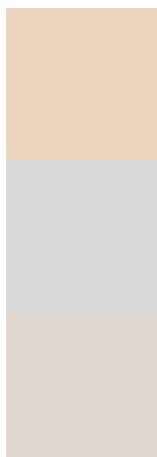
## Deuteranomaly

68.9981, 0.3504, 0.3472

## Tritanomaly

69.4225, 0.3333, 0.3259

# Monochromacy



## Original Color

69.3988, 0.3458, 0.3517

## Achromatopsia

70.1102, 0.3127, 0.3290

## Achromatomaly

69.7227, 0.3241, 0.3367

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 69.3988, 0.3458, 0.3517 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(237, 213, 192)` looks like.

```
.text, #text, p{  
    color:rgb(237, 213, 192)  
}
```

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(237, 213, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 213, 192) }
```

## Border

The CSS property to change the border of an element to Yxy 69.3988, 0.3458, 0.3517 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(237, 213, 192) }
```

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

```
.border{ border-color:rgb(237, 213, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 213, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 213, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 213, 192);  
box-shadow:4px 4px 4px 4px rgb(237, 213,  
192) }
```



# Background

The CSS property to change the background color of an element to Yxy 69.3988, 0.3458, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 213, 192) }
```

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

```
.background{ background-color: rgb(237,  
213, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor