

# Converting Colors

Yxy(61.1142, 0.3342, 0.3514)

Have a look what the booklet for  
Yxy(61.1142, 0.3342, 0.3514)  
contains.

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# Color

**Yxy(60.9847, 0.3344, 0.3511)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6CCB9
RGB	214, 204, 185
RGB Percent	84%, 80%, 73%
CMY	0.1608, 0.2000, 0.2744
CMYK	0.00, 0.05, 0.14, 0.16
HSL	39°, 26%, 78%
HSV	39°, 14%, 84%
XYZ	58.0840, 60.9847, 54.6274
YIQ	204.8240, 12.0590, -3.7890

# Conversions

## Conversions Part 2

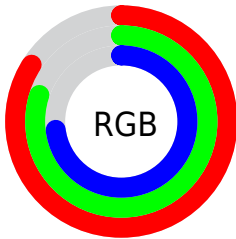
Format	Color
R <sub>Y</sub> B	200, 214, 185
Decimal	14077113
CIE Lab	82.37, 0.29, 10.68
CIE LCh	82, 10.688, 88.434
Yxy	60.9847, 0.3344, 0.3511
Android (android.graphics.Color)	4292267193 (0xFFD6CCB9)
YUV	204.8240, -9.7732, 8.0474
Hunter-Lab	78.0927, -3.8971, 13.1903

# Details

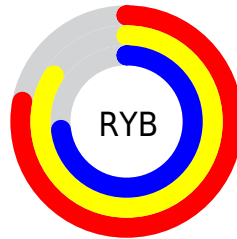
The Yxy color **60.9847, 0.3344, 0.3511** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2182, 0.2915, 0.3059**, and the grayscale version is **60.9930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **30.8496, 0.3397, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **56.7219, 0.3524, 0.3682**, and if you desaturate by 10%, it is **65.5554, 0.3181, 0.3346**.

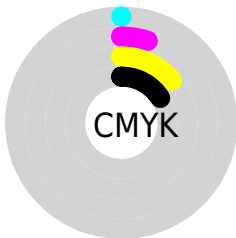
# Distribution



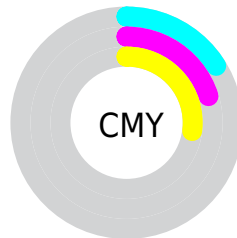
- Red (84%)
- Green (80%)
- Blue (73%)



- Red (78%)
- Yellow (84%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (16%)




- Cyan (16%)
- Magenta (20%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9847, 0.3344, 0.3511 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 60.9847, 0.3344, 0.3511 by changing the saturation by 10% instead.




 60.9847, 0.3344,  
0.3511

 60.9847, 0.3344,  
0.3511

428.2179, 0.3240,  
0.3406

 44.2128, 0.3369,  
0.3536


 106.2568, 0.3307,  
0.3474

 30.8379, 0.3399,  
0.3567


135.5258, 0.3293,  
0.3459

 20.4754, 0.3439,  
0.3607


169.7293, 0.3281,  
0.3447

 12.7411, 0.3492,  
0.3661

209.2516, 0.3271,  
0.3437

 7.2505, 0.3567,  
0.3737

254.4773, 0.3262,  
0.3427

 3.6193, 0.3679,  
0.3850

305.7906, 0.3254,

 1.4629, 0.3882,

0.3419

0.4055

363.5760, 0.3247,  
0.3412

■ 0.2624, 0.4943,  
0.5057

■ 0.0000, 0.0000,  
0.0000

■ 60.9847, 0.3344,  
0.3511

■ 60.9847, 0.3344,  
0.3511

■ 56.7219, 0.3524,  
0.3682

■ 65.5554, 0.3181,  
0.3346

■ 52.7507, 0.3719,  
0.3856

■ 70.4340, 0.3034,  
0.3190

■ 49.0649, 0.3926,  
0.4024

■ 75.6305, 0.2903,  
0.3045

■ 45.6549, 0.4141,  
0.4180

■ 80.1040, 0.2873,  
0.3066

■ 42.5107, 0.4355,  
0.4311

■ 84.3869, 0.2877,  
0.3144

■ 39.6210, 0.4558,  
0.4407

■ 88.8471, 0.2880,  
0.3221

■ 36.9730, 0.4739,  
0.4457

■ 93.0361, 0.2883,  
0.3289

■ 34.5521, 0.4890,  
0.4455

■ 33.0930, 0.4974,  
0.4433

# Harmonies

## Analogous

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



60.9847, 0.3396, 0.3435



60.9847, 0.3344, 0.3511



60.9847, 0.3234, 0.3528

# Triad

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



60.9847, 0.3344, 0.3511



60.9847, 0.2887, 0.3248



60.9847, 0.3153, 0.3112

# Complementary

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



60.9847, 0.3344, 0.3511



54.2182, 0.2915, 0.3059

# 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.



60.9847, 0.3017, 0.3063



60.9847, 0.3344, 0.3511



60.9847, 0.2866, 0.3138

# Square

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



60.9847, 0.3344, 0.3511



60.9847, 0.2971, 0.3374



60.9847, 0.2913, 0.3071



60.9847, 0.3284, 0.3207



# Rectangle

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



60.9847, 0.3344, 0.3511



60.9847, 0.3144, 0.3502



60.9847, 0.2913, 0.3071



60.9847, 0.3106, 0.3090

# Sweetspot

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



60.9874, 0.3344, 0.3511



97.1347, 0.3189, 0.3354



52.9567, 0.3291, 0.3172



20.6773, 0.3201, 0.3367



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

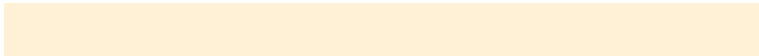


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.9874, 0.3344, 0.3511



88.9875, 0.3390, 0.3556



65.2482, 0.3295, 0.3626



13.7647, 0.3275, 0.3442



20.2035, 0.4959, 0.4444



1.3702, 0.4794, 0.4576



# Inverse Universe

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



54.2182, 0.2915, 0.3059



77.1882, 0.2872, 0.3010



50.4351, 0.2946, 0.2937



12.7026, 0.2982, 0.3133



6.0591, 0.1645, 0.1120

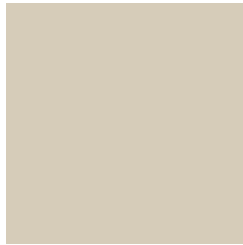


0.5176, 0.1742, 0.1472



# Previews

## White Background



This preview shows how the Yxy color 60.9847, 0.3344, 0.3511 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 60.9847, 0.3344, 0.3511 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

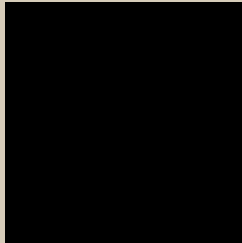
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

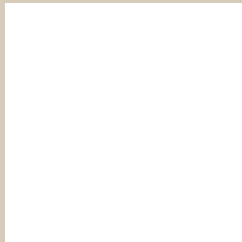
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.9847, 0.3344, 0.3511**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.9847, 0.3344, 0.3511.

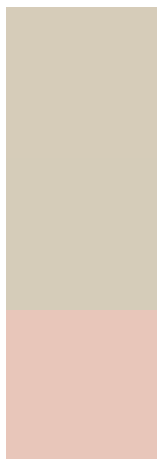


This preview shows how white text looks on a background with the Yxy color 60.9847, 0.3344, 0.3511.

# 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

60.9847, 0.3344, 0.3511

### Protanopia

60.8346, 0.3336, 0.3512

### Deuteranopia

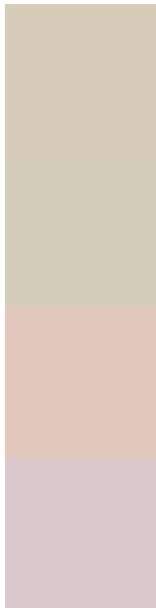
61.0891, 0.3494, 0.3425



## Tritanopia

61.1203, 0.3158, 0.3122

# Trichromacy



## Original Color

60.9847, 0.3344, 0.3511

## Protanomaly

60.8346, 0.3336, 0.3512

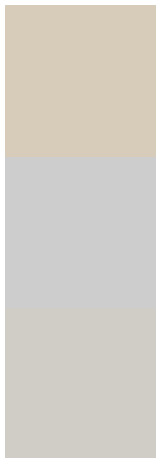
## Deuteranomaly

60.8613, 0.3433, 0.3449

## Tritanomaly

60.8846, 0.3230, 0.3256

# Monochromacy



## Original Color

60.9847, 0.3344, 0.3511

## Achromatopsia

61.0496, 0.3127, 0.3290

## Achromatomaly

61.1498, 0.3200, 0.3372

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.9847, 0.3344, 0.3511 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(214, 204, 185)` looks like.

```
.text, #text, p{  
    color:rgb(214, 204, 185)  
}
```

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(214, 204, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 204, 185) }
```

## Border

The CSS property to change the border of an element to Yxy 60.9847, 0.3344, 0.3511 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(214, 204, 185) }
```

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

```
.border{ border-color:rgb(214, 204, 185) }
```

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

Here you see how a box with a 4 pixel rgb(214, 204, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 204, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 204, 185);  
box-shadow:4px 4px 4px 4px rgb(214, 204,  
185) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.9847, 0.3344, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 204, 185) }
```

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

```
.background{ background-color: rgb(214,  
204, 185) }
```

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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