

Converting Colors

$Yxy(60.6357, 0.3650, 0.3904)$

Have a look what the booklet for
Yxy(60.6357, 0.3650, 0.3904)
contains.

Yxy(60.6357, 0.3650, 0.3904)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.6357, 0.3650, 0.3904)

Conversions

Conversions Part 1

Format	Color
Hex	DCCC97
RGB	220, 204, 151
RGB Percent	86%, 80%, 59%
CMY	0.1373, 0.2000, 0.4079
CMYK	0.00, 0.07, 0.31, 0.14
HSL	46°, 50%, 73%
HSV	46°, 31%, 86%
XYZ	56.6907, 60.6357, 37.9905
YIQ	202.7420, 26.5490, -13.0910

Conversions

Conversions Part 2

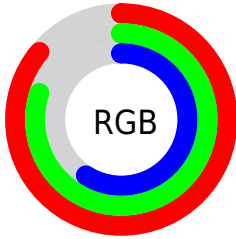
Format	Color
RYB	172, 220, 151
Decimal	14470295
CIELab	82.18, -2.32, 28.48
CIELCh	82, 28.575, 94.653
Yxy	60.6357, 0.3650, 0.3904
Android (android.graphics.Color)	4292660375 (0xFFDCCC97)
YUV	202.7420, -25.5088, 15.1353
Hunter-Lab	77.8689, -6.3179, 25.5820

Details

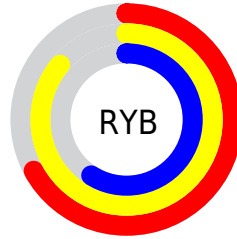
The Yxy color **60.6357, 0.3650, 0.3904** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.3722, 0.2597, 0.2589**, and the grayscale version is **59.7014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **30.6253, 0.3772, 0.4051** is the 20% darker color. If you saturate the color by 10%, you get **57.6066, 0.3834, 0.4099**, and if you desaturate by 10%, it is **63.8829, 0.3472, 0.3704**.

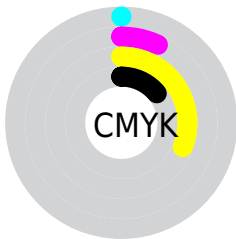
Distribution



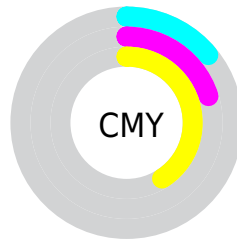
- Red (86%)
- Green (80%)
- Blue (59%)



- Red (67%)
- Yellow (86%)
- Blue (59%)



- Cyan (0%)
- Magenta (7%)
- Yellow (31%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6357, 0.3650, 0.3904 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 60.6357, 0.3650, 0.3904 by changing the saturation by 10% instead.

60.6357, 0.3650,
0.3904

60.6357, 0.3650,
0.3904

426.9370, 0.3403,
0.3612

43.9312, 0.3707,
0.3972

105.7513, 0.3564,
0.3801

30.6164, 0.3777,
0.4056

134.9312, 0.3531,
0.3762

20.3070, 0.3864,
0.4163

169.0383, 0.3502,
0.3728

12.6184, 0.3977,
0.4303

208.4572, 0.3477,
0.3698

7.1663, 0.4125,
0.4488

253.5721, 0.3455,
0.3673

3.5663, 0.4333,
0.4757

304.7674, 0.3436,

1.4341, 0.4729,

0.3650

0.5271

362.4276, 0.3419,
0.3630

0.2416, 0.4173,
0.5827

0.0000, 0.0000,
0.0000

60.6357, 0.3650,
0.3904

60.6357, 0.3650,
0.3904

57.6066, 0.3834,
0.4099

63.8829, 0.3472,
0.3704

54.7792, 0.4018,
0.4281

67.3475, 0.3304,
0.3506

52.1473, 0.4195,
0.4438

71.0393, 0.3147,
0.3315

49.7010, 0.4357,
0.4561

74.9652, 0.3004,
0.3135

■ 47.4290, 0.4495,
0.4641

■ 78.7398, 0.2909,
0.3025

■ 45.3182, 0.4605,
0.4673

■ 81.6085, 0.2911,
0.3079

■ 43.6057, 0.4678,
0.4667

■ 84.5607, 0.2912,
0.3132

■ 87.5971, 0.2914,
0.3185

■ 90.7183, 0.2916,
0.3237

Harmonies

Analogous

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



60.6357, 0.3837, 0.3706



60.6357, 0.3650, 0.3904



60.6357, 0.3327, 0.3936

Triad

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



60.6357, 0.3650, 0.3904



60.6357, 0.2476, 0.3092



60.6357, 0.3265, 0.2876

Complementary

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



60.6357, 0.3650, 0.3904



39.3722, 0.2597, 0.2589

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.



60.6357, 0.2898, 0.2723



60.6357, 0.3650, 0.3904



60.6357, 0.2461, 0.2827

Square

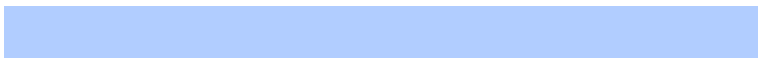
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.6357, 0.3650, 0.3904



60.6357, 0.2654, 0.3442



60.6357, 0.2610, 0.2701



60.6357, 0.3611, 0.3125

Rectangle

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



60.6357, 0.3650, 0.3904



60.6357, 0.3082, 0.3843



60.6357, 0.2610, 0.2701



60.6357, 0.3139, 0.2812

Sweetspot

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



60.6385, 0.3650, 0.3904



95.2648, 0.3267, 0.3462



40.1383, 0.3671, 0.3098



20.2321, 0.3290, 0.3490



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.



60.6385, 0.3650, 0.3904



81.7610, 0.3778, 0.4041



65.9135, 0.3455, 0.4109



14.7259, 0.3272, 0.3469



25.7719, 0.4669, 0.4675



1.7966, 0.4576, 0.4749

Inverse Universe

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



39.3722, 0.2597, 0.2589



47.3603, 0.2465, 0.2402



35.7762, 0.2719, 0.2406



13.1041, 0.2981, 0.3105



4.5608, 0.1572, 0.0859



0.4274, 0.1658, 0.1168

Previews

White Background



This preview shows how the Yxy color 60.6357, 0.3650, 0.3904 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 60.6357, 0.3650, 0.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

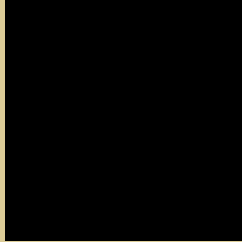
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6357, 0.3650, 0.3904

Background



This preview shows how black text looks on a background with the Yxy color 60.6357, 0.3650, 0.3904.

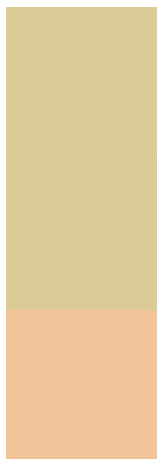


This preview shows how white text looks on a background with the Yxy color 60.6357, 0.3650, 0.3904.

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

60.6357, 0.3650, 0.3904

Protanopia

60.4802, 0.3642, 0.3906

Deuteranopia

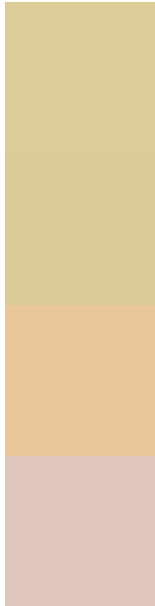
60.4805, 0.3841, 0.3761



Tritanopia

60.5139, 0.3262, 0.3125

Trichromacy



Original Color

60.6357, 0.3650, 0.3904

Protanomaly

60.4802, 0.3642, 0.3906

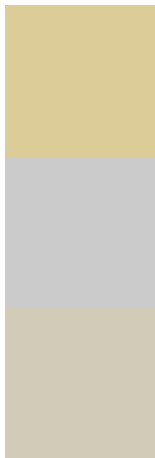
Deuteranomaly

60.4375, 0.3770, 0.3817

Tritanomaly

60.3683, 0.3403, 0.3404

Monochromacy



Original Color

60.6357, 0.3650, 0.3904

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7279, 0.3313, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6357, 0.3650, 0.3904 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(220, 204, 151)` looks like.

```
.text, #text, p{  
    color:rgb(220, 204, 151)  
}
```

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(220, 204, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 204, 151) }
```

Border

The CSS property to change the border of an element to Yxy 60.6357, 0.3650, 0.3904 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(220, 204, 151) }
```

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

```
.border{ border-color:rgb(220, 204, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 204, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 204, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 204, 151);  
box-shadow:4px 4px 4px 4px rgb(220, 204,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6357, 0.3650, 0.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 204, 151) }
```

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

```
.background{ background-color: rgb(220,  
204, 151) }
```

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