

Converting Colors

$Yxy(61.3106, 0.3599, 0.3847)$

Have a look what the booklet for
Yxy(61.3106, 0.3599, 0.3847)
contains.

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Color

Yxy(61.3126, 0.3602, 0.3845)

Conversions

Conversions Part 1

Format	Color
Hex	DCCD9D
RGB	220, 205, 157
RGB Percent	86%, 80%, 62%
CMY	0.1372, 0.1961, 0.3843
CMYK	0.00, 0.07, 0.29, 0.14
HSL	46°, 47%, 74%
HSV	46°, 29%, 86%
XYZ	57.4377, 61.3126, 40.7103
YIQ	204.0130, 24.3480, -11.7480

Conversions

Conversions Part 2

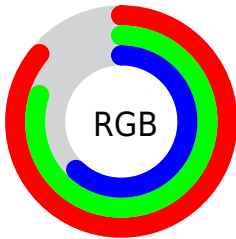
Format	Color
RYB	177, 220, 157
Decimal	14470557
CIELab	82.55, -2.05, 25.83
CIELCh	83, 25.906, 94.530
Yxy	61.3126, 0.3602, 0.3845
Android (android.graphics.Color)	4292660637 (0xFFDCCD9D)
YUV	204.0130, -23.1774, 14.0206
Hunter-Lab	78.3024, -6.0927, 23.9861

Details

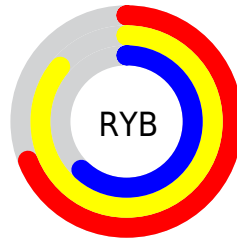
The Yxy color **61.3126, 0.3602, 0.3845** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8563, 0.2648, 0.2665**, and the grayscale version is **60.5334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **31.0457, 0.3718, 0.3990** is the 20% darker color. If you saturate the color by 10%, you get **58.1623, 0.3786, 0.4041**, and if you desaturate by 10%, it is **64.6879, 0.3426, 0.3647**.

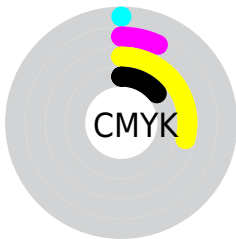
Distribution



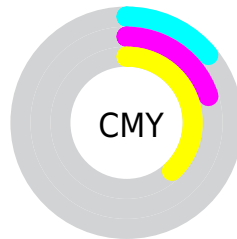
- Red (86%)
- Green (80%)
- Blue (62%)



- Red (69%)
- Yellow (86%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (29%)
- Black (14%)





- Cyan (14%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3126, 0.3602, 0.3845 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 61.3126, 0.3602, 0.3845 by changing the saturation by 10% instead.


 61.3126, 0.3602,
0.3845


 61.3126, 0.3602,
0.3845


429.4192, 0.3378,
0.3581

 44.4775, 0.3654,
0.3907

 106.7314, 0.3524,
0.3752

 31.0461, 0.3718,
0.3983


 136.0839, 0.3493,
0.3716

 20.6339, 0.3799,
0.4081


170.3777, 0.3467,
0.3686

 12.8567, 0.3903,
0.4208

209.9971, 0.3445,
0.3659

 7.3299, 0.4043,
0.4381

255.3266, 0.3425,
0.3636

 3.6693, 0.4231,
0.4620

306.7505, 0.3407,

 1.4903, 0.4747,

0.3615

0.5253

364.6533, 0.3392,
0.3597

0.2819, 0.4361,
0.5639

0.0000, 0.0000,
0.0000

61.3126, 0.3602,
0.3845

61.3126, 0.3602,
0.3845

58.1623, 0.3786,
0.4041

64.6879, 0.3426,
0.3647

55.2207, 0.3972,
0.4226

68.2875, 0.3260,
0.3452

52.4817, 0.4154,
0.4390

72.1211, 0.3107,
0.3265

49.9356, 0.4323,
0.4522

76.1955, 0.2968,
0.3089

47.5717, 0.4471,
0.4613

79.7182, 0.2910,
0.3044

45.3771, 0.4592,
0.4657

82.7028, 0.2912,
0.3099

43.3331, 0.4683,
0.4656

85.7762, 0.2913,
0.3153

43.0627, 0.4695,
0.4654

88.9392, 0.2915,
0.3208

92.1924, 0.2916,
0.3261

Harmonies

Analogous

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



61.3126, 0.3769, 0.3669



61.3126, 0.3602, 0.3845



61.3126, 0.3311, 0.3871

Triad

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



61.3126, 0.3602, 0.3845



61.3126, 0.2536, 0.3115



61.3126, 0.3251, 0.2912

Complementary

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



61.3126, 0.3602, 0.3845



41.8563, 0.2648, 0.2665

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.



61.3126, 0.2919, 0.2774



61.3126, 0.3602, 0.3845



61.3126, 0.2521, 0.2873

Square

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



61.3126, 0.3602, 0.3845



61.3126, 0.2700, 0.3429



61.3126, 0.2657, 0.2756



61.3126, 0.3563, 0.3140

Rectangle

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



61.3126, 0.3602, 0.3845



61.3126, 0.3090, 0.3787



61.3126, 0.2657, 0.2756



61.3126, 0.3138, 0.2854

Sweetspot

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



61.3154, 0.3602, 0.3845



95.1673, 0.3267, 0.3460



42.3451, 0.3599, 0.3103



20.2079, 0.3291, 0.3488



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.



61.3154, 0.3602, 0.3845



83.1311, 0.3705, 0.3956



66.5076, 0.3436, 0.4033



14.7103, 0.3273, 0.3467



25.4478, 0.4686, 0.4661



1.7780, 0.4589, 0.4738

Inverse Universe

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



41.8563, 0.2648, 0.2665



51.9608, 0.2543, 0.2519



38.1440, 0.2753, 0.2490



13.1187, 0.2981, 0.3107



4.6424, 0.1576, 0.0872



0.4345, 0.1662, 0.1184

Previews

White Background



This preview shows how the Yxy color 61.3126, 0.3602, 0.3845 looks on a white background.

Color Contrast Check

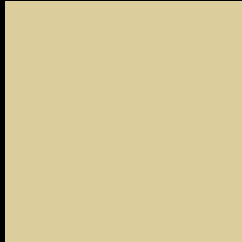
Large Text (above 18pt) WCAG AA × Fail

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 61.3126, 0.3602, 0.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

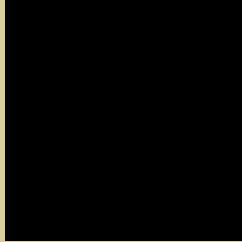
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

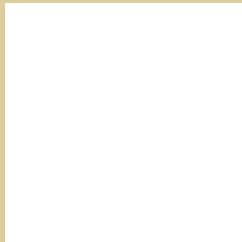
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3126, 0.3602, 0.3845

Background



This preview shows how black text looks on a background with the Yxy color 61.3126, 0.3602, 0.3845.

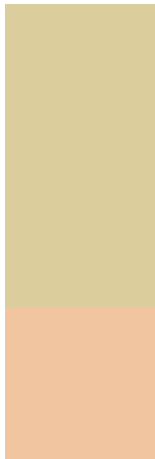


This preview shows how white text looks on a background with the Yxy color 61.3126, 0.3602, 0.3845.

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

61.3126, 0.3602, 0.3845

Protanopia

61.3126, 0.3602, 0.3845

Deuteranopia

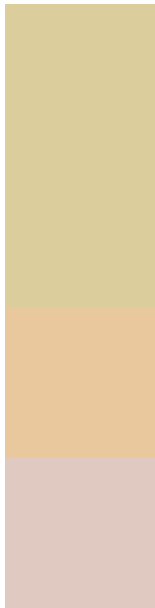
61.1365, 0.3789, 0.3707



Tritanopia

61.5232, 0.3245, 0.3125

Trichromacy



Original Color

61.3126, 0.3602, 0.3845

Protanomaly

61.3126, 0.3602, 0.3845

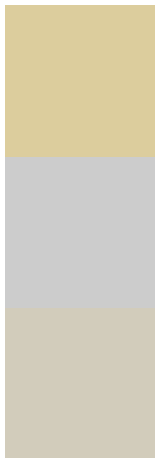
Deuteranomaly

61.1008, 0.3719, 0.3760

Tritanomaly

61.4708, 0.3369, 0.3381

Monochromacy



Original Color

61.3126, 0.3602, 0.3845

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4752, 0.3297, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3126, 0.3602, 0.3845 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, 205, 157)` looks like.

```
.text, #text, p{  
    color:rgb(220, 205, 157)  
}
```

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, 205, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 205, 157) }
```

Border

The CSS property to change the border of an element to Yxy 61.3126, 0.3602, 0.3845 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, 205, 157) }
```

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

```
.border{ border-color:rgb(220, 205, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 205, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 205, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 205, 157);  
box-shadow:4px 4px 4px 4px rgb(220, 205,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3126, 0.3602, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 205, 157) }
```

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

```
.background{ background-color: rgb(220,  
205, 157) }
```

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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