

Converting Colors

Yxy(61.9305, 0.3622, 0.3842)

Have a look what the booklet for
Yxy(61.9305, 0.3622, 0.3842)
contains.

| | |
|---|----|
| Yxy(61.7849, 0.3627, 0.3840) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(61.7849, 0.3627, 0.3840)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DFCD9D |
| RGB | 223, 205, 157 |
| RGB Percent | 87%, 80%, 62% |
| CMY | 0.1254, 0.1961, 0.3842 |
| CMYK | 0.00, 0.08, 0.30, 0.13 |
| HSL | 44°, 51%, 75% |
| HSV | 44°, 30%, 87% |
| XYZ | 58.3578, 61.7849, 40.7555 |
| YIQ | 204.9100, 26.1360, -11.1120 |

Conversions

Conversions Part 2

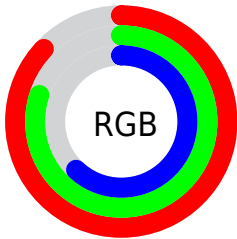
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 182, 223, 157 |
| Decimal | 14667165 |
| CIELab | 82.80, -0.89, 26.21 |
| CIELCh | 83, 26.222, 91.942 |
| Yxy | 61.7849, 0.3627, 0.3840 |
| Android (android.graphics.Color) | 4292857245 (0xFFDFCD9D) |
| YUV | 204.9100, -23.6196, 15.8649 |
| Hunter-Lab | 78.6034, -5.0315, 24.2808 |

Details

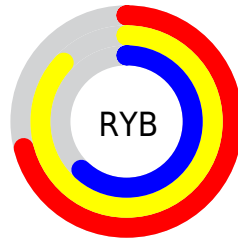
The Yxy color **61.7849, 0.3627, 0.3840** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.1834, 0.2633, 0.2671**, and the grayscale version is **61.1355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **31.3686, 0.3751, 0.3982** is the 20% darker color. If you saturate the color by 10%, you get **58.2343, 0.3818, 0.4028**, and if you desaturate by 10%, it is **65.5938, 0.3445, 0.3649**.

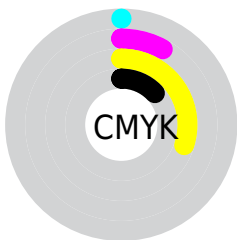
Distribution



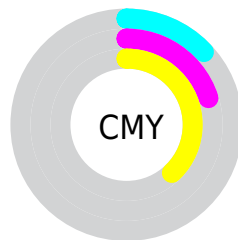
- Red (87%)
- Green (80%)
- Blue (62%)



- Red (71%)
- Yellow (87%)
- Blue (62%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (13%)




- Cyan (13%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7849, 0.3627, 0.3840 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 61.7849, 0.3627, 0.3840 by changing the saturation by 10% instead.


 61.7849, 0.3627,
0.3840

 61.7849, 0.3627,
0.3840


431.1460, 0.3391,
0.3579

 44.8589, 0.3681,
0.3900


 107.4146, 0.3544,
0.3749

 31.3463, 0.3749,
0.3975


 136.8871, 0.3513,
0.3713

 20.8627, 0.3834,
0.4070


171.3105, 0.3485,
0.3683

 13.0237, 0.3944,
0.4194

211.0694, 0.3461,
0.3657

 7.4449, 0.4091,
0.4359

256.5479, 0.3440,
0.3634

 3.7418, 0.4290,
0.4587

308.1306, 0.3422,

 1.5302, 0.4819,

0.3614

0.5181

366.2019, 0.3406,
0.3595

■ 0.3099, 0.4682,
0.5318

■ 0.0000, 0.0000,
0.0000

■ 61.7849, 0.3627,
0.3840

■ 61.7849, 0.3627,
0.3840

■ 58.2343, 0.3818,
0.4028

■ 65.5938, 0.3445,
0.3649

■ 54.9247, 0.4013,
0.4205

■ 69.6609, 0.3276,
0.3462

■ 51.8494, 0.4205,
0.4360

■ 73.9966, 0.3121,
0.3283

■ 48.9978, 0.4385,
0.4483

■ 78.6085, 0.2980,
0.3114

46.3581, 0.4545,
0.4564

82.6006, 0.2930,
0.3090

43.9162, 0.4677,
0.4597

86.1605, 0.2932,
0.3153

41.6500, 0.4780,
0.4584

89.8413, 0.2933,
0.3215

41.5619, 0.4784,
0.4584

93.6441, 0.2934,
0.3277

94.4337, 0.2935,
0.3289

Harmonies

Analogous

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



61.7849, 0.3782, 0.3652



61.7849, 0.3627, 0.3840



61.7849, 0.3341, 0.3882

Triad

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



61.7849, 0.3627, 0.3840



61.7849, 0.2539, 0.3138



61.7849, 0.3223, 0.2893

Complementary

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



61.7849, 0.3627, 0.3840



43.1834, 0.2633, 0.2671

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.



61.7849, 0.2891, 0.2762



61.7849, 0.3627, 0.3840



61.7849, 0.2511, 0.2885

Square

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



61.7849, 0.3627, 0.3840



61.7849, 0.2717, 0.3458



61.7849, 0.2635, 0.2756



61.7849, 0.3543, 0.3116

Rectangle

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



61.7849, 0.3627, 0.3840



61.7849, 0.3118, 0.3808



61.7849, 0.2635, 0.2756



61.7849, 0.3108, 0.2837

Sweetspot

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



61.7877, 0.3627, 0.3840



94.6721, 0.3268, 0.3453



42.9374, 0.3598, 0.3071



20.0854, 0.3292, 0.3480



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.



61.7877, 0.3627, 0.3840



80.4553, 0.3753, 0.3966



68.7456, 0.3463, 0.4055



15.3629, 0.3274, 0.3460



24.6265, 0.4773, 0.4592



1.8537, 0.4663, 0.4679

Inverse Universe

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



43.1834, 0.2633, 0.2671



51.1180, 0.2510, 0.2504



38.1439, 0.2719, 0.2455



13.8499, 0.2981, 0.3115



5.2538, 0.1595, 0.0943



0.5112, 0.1679, 0.1244

Previews

White Background



This preview shows how the Yxy color 61.7849, 0.3627, 0.3840 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 61.7849, 0.3627, 0.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

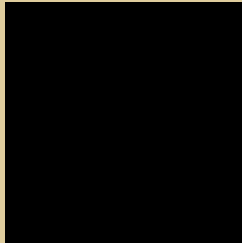
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7849, 0.3627, 0.3840

Background



This preview shows how black text looks on a background with the Yxy color 61.7849, 0.3627, 0.3840.



This preview shows how white text looks on a background with the Yxy color 61.7849, 0.3627, 0.3840.

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

61.7849, 0.3627, 0.3840

Protanopia

61.7926, 0.3599, 0.3856

Deuteranopia

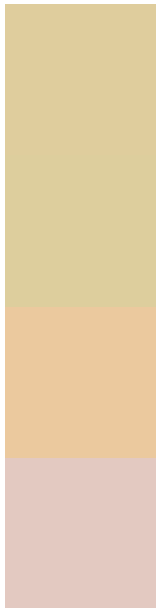
61.7340, 0.3802, 0.3727



Tritanopia

62.0153, 0.3269, 0.3126

Trichromacy



Original Color

61.7849, 0.3627, 0.3840

Protanomaly

61.9491, 0.3607, 0.3854

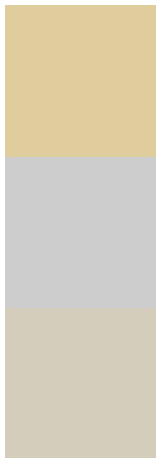
Deuteranomaly

61.9041, 0.3732, 0.3768

Tritanomaly

61.9544, 0.3393, 0.3380

Monochromacy



Original Color

61.7849, 0.3627, 0.3840

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2905, 0.3305, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7849, 0.3627, 0.3840 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(223, 205, 157)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 205, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 205, 157) }
```

Border

The CSS property to change the border of an element to Yxy 61.7849, 0.3627, 0.3840 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(223, 205, 157) }
```

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

```
.border{ border-color:rgb(223, 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(223, 205, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 205, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 205, 157);  
box-shadow:4px 4px 4px 4px rgb(223, 205,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7849, 0.3627, 0.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 205, 157) }
```

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

```
.background{ background-color: rgb(223,  
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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