

Converting Colors

$Yxy(62.3471, 0.3566, 0.3867)$

Have a look what the booklet for
Yxy(62.3471, 0.3566, 0.3867)
contains.

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Color

Yxy(62.4858, 0.3569, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	DAD09E
RGB	218, 208, 158
RGB Percent	85%, 82%, 62%
CMY	0.1451, 0.1843, 0.3803
CMYK	0.00, 0.05, 0.28, 0.15
HSL	50°, 45%, 74%
HSV	50°, 28%, 85%
XYZ	57.6407, 62.4858, 41.3773
YIQ	205.2900, 22.0100, -13.4300

Conversions

Conversions Part 2

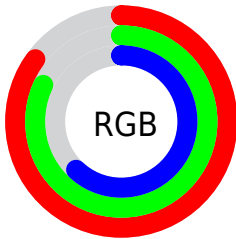
Format	Color
RYB	170, 218, 158
Decimal	14340254
CIELab	83.17, -4.24, 26.12
CIELCh	83, 26.462, 99.222
Yxy	62.4858, 0.3569, 0.3869
Android (android.graphics.Color)	4292530334 (0xFFDAD09E)
YUV	205.2900, -23.3140, 11.1467
Hunter-Lab	79.0480, -8.1742, 24.2985

Details

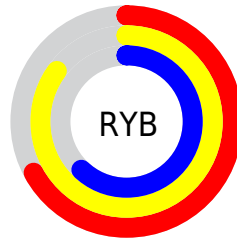
The Yxy color **62.4858, 0.3569, 0.3869** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.3396, 0.2663, 0.2635**, and the grayscale version is **61.3872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5841, 0.3376, 0.3701**, and **31.8332, 0.3672, 0.4022** is the 20% darker color. If you saturate the color by 10%, you get **60.0530, 0.3741, 0.4081**, and if you desaturate by 10%, it is **65.0980, 0.3401, 0.3654**.

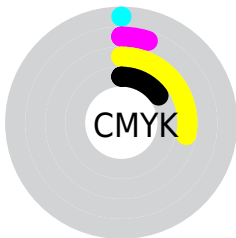
Distribution



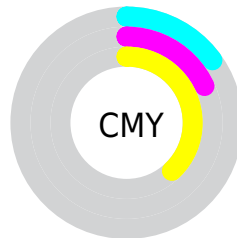
- Red (85%)
- Green (82%)
- Blue (62%)



- Red (67%)
- Yellow (85%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (28%)
- Black (15%)





- Cyan (15%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4858, 0.3569, 0.3869 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 62.4858, 0.3569, 0.3869 by changing the saturation by 10% instead.


 62.4858, 0.3569,
0.3869

 62.4858, 0.3569,
0.3869


433.7009, 0.3362,
0.3593

 45.4254, 0.3616,
0.3934


 108.4273, 0.3497,
0.3772

 31.7926, 0.3675,
0.4014


 138.0772, 0.3469,
0.3734

 21.2031, 0.3748,
0.4117

172.6924, 0.3445,
0.3702

 13.2726, 0.3843,
0.4251

212.6572, 0.3424,
0.3675

 7.6165, 0.3967,
0.4434

258.3560, 0.3406,
0.3650

 3.8506, 0.4131,
0.4691

310.1734, 0.3389,

 1.5903, 0.4616,

0.3629

0.5384

368.4935, 0.3375,
0.3610

0.3511, 0.3960,
0.6040

0.0000, 0.0000,
0.0000

62.4858, 0.3569,
0.3869

62.4858, 0.3569,
0.3869

60.0530, 0.3741,
0.4081

65.0980, 0.3401,
0.3654

57.7837, 0.3911,
0.4280

67.8878, 0.3241,
0.3443

55.6729, 0.4073,
0.4459

70.8644, 0.3091,
0.3241

53.7117, 0.4220,
0.4605

74.0338, 0.2953,
0.3049

■ 51.8902, 0.4344,
0.4711

■ 76.6036, 0.2895,
0.2989

■ 50.1969, 0.4441,
0.4772

■ 78.6009, 0.2897,
0.3028

■ 48.6159, 0.4510,
0.4788

■ 80.6402, 0.2898,
0.3066

■ 48.2339, 0.4525,
0.4789

■ 82.7219, 0.2899,
0.3104

■ 84.8461, 0.2901,
0.3142

Harmonies

Analogous

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



62.4858, 0.3763, 0.3710



62.4858, 0.3569, 0.3869



62.4858, 0.3261, 0.3868

Triad

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



62.4858, 0.3569, 0.3869



62.4858, 0.2515, 0.3067



62.4858, 0.3306, 0.2938

Complementary

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



62.4858, 0.3569, 0.3869



40.3396, 0.2663, 0.2635

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.



62.4858, 0.2966, 0.2781



62.4858, 0.3569, 0.3869



62.4858, 0.2524, 0.2839

Square

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



62.4858, 0.3569, 0.3869



62.4858, 0.2659, 0.3380



62.4858, 0.2685, 0.2742



62.4858, 0.3610, 0.3179

Rectangle

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



62.4858, 0.3569, 0.3869



62.4858, 0.3036, 0.3764



62.4858, 0.2685, 0.2742



62.4858, 0.3192, 0.2874

Sweetspot

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



62.4886, 0.3569, 0.3869



96.6065, 0.3250, 0.3455



42.1916, 0.3623, 0.3171



20.5453, 0.3273, 0.3487



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.



62.4886, 0.3569, 0.3869



87.0967, 0.3668, 0.3992



64.6154, 0.3385, 0.4011



14.8754, 0.3271, 0.3483



29.0350, 0.4519, 0.4794



1.9812, 0.4457, 0.4843

Inverse Universe

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



40.3396, 0.2663, 0.2635



50.5022, 0.2552, 0.2473



38.9871, 0.2812, 0.2535



12.9658, 0.2981, 0.3089



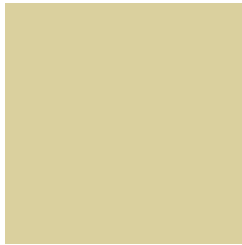
3.9054, 0.1542, 0.0751



0.3624, 0.1617, 0.1021

Previews

White Background



This preview shows how the Yxy color 62.4858, 0.3569, 0.3869 looks on a white background.

Color Contrast Check

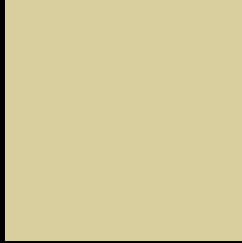
Large Text (above 18pt) WCAG AA × Fail

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 62.4858, 0.3569, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

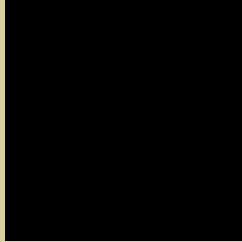
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

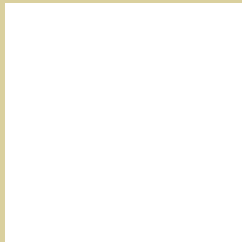
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4858, 0.3569, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 62.4858, 0.3569, 0.3869.

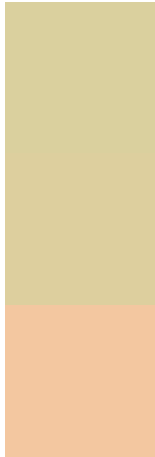


This preview shows how white text looks on a background with the Yxy color 62.4858, 0.3569, 0.3869.

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

62.4858, 0.3569, 0.3869

Protanopia

62.4664, 0.3597, 0.3854

Deuteranopia

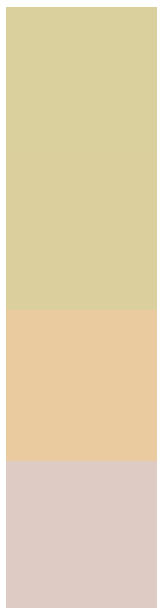
62.4396, 0.3791, 0.3714



Tritanopia

62.2740, 0.3205, 0.3114

Trichromacy



Original Color

62.4858, 0.3569, 0.3869

Protanomaly

62.3099, 0.3588, 0.3855

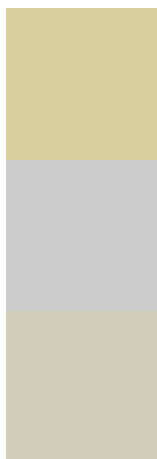
Deuteranomaly

62.2367, 0.3713, 0.3769

Tritanomaly

62.1816, 0.3335, 0.3381

Monochromacy



Original Color

62.4858, 0.3569, 0.3869

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.4751, 0.3287, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4858, 0.3569, 0.3869 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(218, 208, 158)` looks like.

```
.text, #text, p{  
    color:rgb(218, 208, 158)  
}
```

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(218, 208, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 208, 158) }
```

Border

The CSS property to change the border of an element to Yxy 62.4858, 0.3569, 0.3869 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(218, 208, 158) }
```

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

```
.border{ border-color:rgb(218, 208, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 208, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 208, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 208, 158);  
box-shadow:4px 4px 4px 4px rgb(218, 208,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4858, 0.3569, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 208, 158) }
```

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

```
.background{ background-color: rgb(218,  
208, 158) }
```

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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