

Converting Colors

$Yxy(63.0855, 0.3567, 0.3866)$

Have a look what the booklet for
Yxy(63.0855, 0.3567, 0.3866)
contains.

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Color

Yxy(63.1642, 0.3567, 0.3867)

Conversions

Conversions Part 1

Format	Color
Hex	DBD19F
RGB	219, 209, 159
RGB Percent	86%, 82%, 62%
CMY	0.1413, 0.1803, 0.3765
CMYK	0.00, 0.05, 0.27, 0.14
HSL	50°, 45%, 74%
HSV	50°, 27%, 86%
XYZ	58.2640, 63.1642, 41.9135
YIQ	206.2900, 22.0100, -13.4300

Conversions

Conversions Part 2

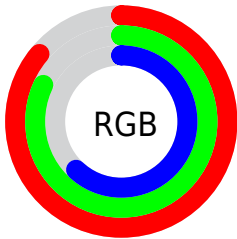
Format	Color
RYB	171, 219, 159
Decimal	14406047
CIELab	83.53, -4.26, 26.11
CIELCh	84, 26.459, 99.270
Yxy	63.1642, 0.3567, 0.3867
Android (android.graphics.Color)	4292596127 (0xFFDBD19F)
YUV	206.2900, -23.3140, 11.1467
Hunter-Lab	79.4759, -8.2241, 24.3652

Details

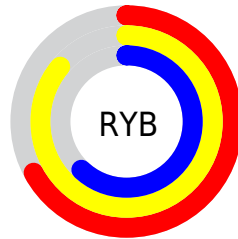
The Yxy color **63.1642, 0.3567, 0.3867** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.8348, 0.2665, 0.2638**, and the grayscale version is **62.0571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **32.2908, 0.3668, 0.4018** is the 20% darker color. If you saturate the color by 10%, you get **60.7101, 0.3739, 0.4079**, and if you desaturate by 10%, it is **65.7993, 0.3399, 0.3652**.

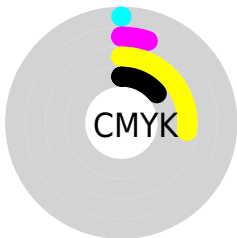
Distribution



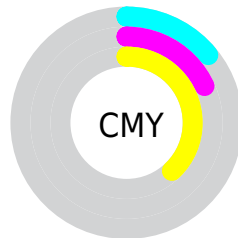
- Red (86%)
- Green (82%)
- Blue (62%)



- Red (67%)
- Yellow (86%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (27%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1642, 0.3567, 0.3867 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 63.1642, 0.3567, 0.3867 by changing the saturation by 10% instead.

63.1642, 0.3567,
0.3867

63.1642, 0.3567,
0.3867

436.1652, 0.3361,
0.3592

45.9741, 0.3614,
0.3931

109.4064, 0.3495,
0.3770

32.2254, 0.3672,
0.4011

139.2272, 0.3468,
0.3733

21.5337, 0.3745,
0.4113

174.0270, 0.3444,
0.3701

13.5147, 0.3838,
0.4246

214.1902, 0.3423,
0.3674

7.7839, 0.3961,
0.4427

260.1013, 0.3405,
0.3649

3.9570, 0.4123,
0.4681

312.1445, 0.3388,

1.6495, 0.4618,

0.3628

0.5382

370.7043, 0.3374,
0.3609

■ 0.3906, 0.4062,
0.5938

■ 0.0000, 0.0000,
0.0000

■ 63.1642, 0.3567,
0.3867

■ 63.1642, 0.3567,
0.3867

■ 60.7101, 0.3739,
0.4079

■ 65.7993, 0.3399,
0.3652

■ 58.4211, 0.3909,
0.4279

■ 68.6138, 0.3239,
0.3441

■ 56.2920, 0.4071,
0.4458

■ 71.6169, 0.3089,
0.3238

■ 54.3140, 0.4218,
0.4605

■ 74.8146, 0.2951,
0.3047

■ 52.4770, 0.4342,
0.4711

■ 77.3145, 0.2902,
0.3000

■ 50.7693, 0.4439,
0.4773

■ 79.3254, 0.2903,
0.3039

■ 49.1752, 0.4508,
0.4789

■ 81.3785, 0.2904,
0.3077

■ 48.7720, 0.4524,
0.4790

■ 83.4741, 0.2906,
0.3115

■ 85.6123, 0.2907,
0.3153

Harmonies

Analogous

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



63.1642, 0.3761, 0.3708



63.1642, 0.3567, 0.3867



63.1642, 0.3260, 0.3865

Triad

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



63.1642, 0.3567, 0.3867



63.1642, 0.2517, 0.3067



63.1642, 0.3306, 0.2940

Complementary

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



63.1642, 0.3567, 0.3867



40.8348, 0.2665, 0.2638

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.



63.1642, 0.2967, 0.2783



63.1642, 0.3567, 0.3867



63.1642, 0.2527, 0.2840

Square

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



63.1642, 0.3567, 0.3867



63.1642, 0.2660, 0.3379



63.1642, 0.2686, 0.2744



63.1642, 0.3609, 0.3180

Rectangle

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



63.1642, 0.3567, 0.3867



63.1642, 0.3036, 0.3762



63.1642, 0.2686, 0.2744



63.1642, 0.3192, 0.2876

Sweetspot

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



63.1671, 0.3567, 0.3867



96.6142, 0.3249, 0.3455



42.7099, 0.3621, 0.3171



20.5473, 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.



63.1671, 0.3567, 0.3867



87.1266, 0.3668, 0.3993



65.2890, 0.3384, 0.4008



14.8768, 0.3271, 0.3484



29.0666, 0.4518, 0.4795



1.9829, 0.4456, 0.4844

Inverse Universe

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



40.8348, 0.2665, 0.2638



50.4812, 0.2552, 0.2472



39.4846, 0.2813, 0.2538



12.9646, 0.2981, 0.3089



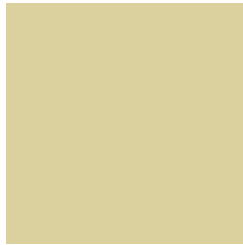
3.9003, 0.1542, 0.0750



0.3618, 0.1617, 0.1019

Previews

White Background



This preview shows how the Yxy color 63.1642, 0.3567, 0.3867 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 63.1642, 0.3567, 0.3867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

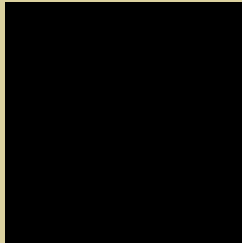
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

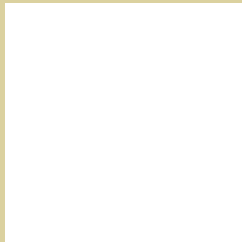
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1642, 0.3567, 0.3867

Background



This preview shows how black text looks on a background with the Yxy color 63.1642, 0.3567, 0.3867.



This preview shows how white text looks on a background with the Yxy color 63.1642, 0.3567, 0.3867.

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

63.1642, 0.3567, 0.3867

Protanopia

63.2683, 0.3610, 0.3861

Deuteranopia

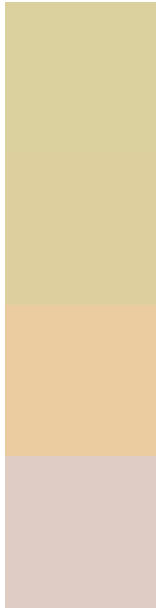
63.1149, 0.3788, 0.3712



Tritanopia

62.9518, 0.3205, 0.3115

Trichromacy



Original Color

63.1642, 0.3567, 0.3867

Protanomaly

63.1100, 0.3602, 0.3863

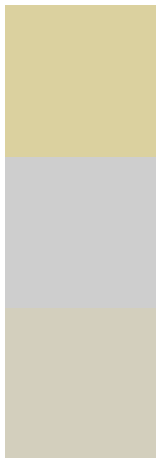
Deuteranomaly

62.9121, 0.3710, 0.3767

Tritanomaly

62.8592, 0.3334, 0.3381

Monochromacy



Original Color

63.1642, 0.3567, 0.3867

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.1487, 0.3287, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1642, 0.3567, 0.3867 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(219, 209, 159)` looks like.

```
.text, #text, p{  
    color:rgb(219, 209, 159)  
}
```

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(219, 209, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 209, 159) }
```

Border

The CSS property to change the border of an element to Yxy 63.1642, 0.3567, 0.3867 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(219, 209, 159) }
```

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

```
.border{ border-color:rgb(219, 209, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 209, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 209, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 209, 159); box-shadow:4px 4px 4px 4px rgb(219, 209, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1642, 0.3567, 0.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 209, 159) }
```

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

```
.background{ background-color: rgb(219,  
209, 159) }
```

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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