

Converting Colors

$Yxy(63.1934, 0.3670, 0.3939)$

Have a look what the booklet for
Yxy(63.1934, 0.3670, 0.3939)
contains.

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Color

Yxy(63.1934, 0.3670, 0.3939)

Conversions

Conversions Part 1

Format	Color
Hex	E0D097
RGB	224, 208, 151
RGB Percent	88%, 82%, 59%
CMY	0.1216, 0.1843, 0.4080
CMYK	0.00, 0.07, 0.33, 0.12
HSL	47°, 54%, 74%
HSV	47°, 33%, 88%
XYZ	58.8778, 63.1934, 38.3588
YIQ	206.2860, 27.8330, -14.3350

Conversions

Conversions Part 2

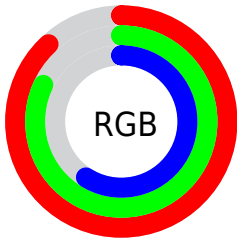
Format	Color
RYB	171, 224, 151
Decimal	14733463
CIELab	83.54, -2.84, 30.37
CIELCh	84, 30.507, 95.345
Yxy	63.1934, 0.3670, 0.3939
Android (android.graphics.Color)	4292923543 (0xFFE0D097)
YUV	206.2860, -27.2560, 15.5352
Hunter-Lab	79.4943, -6.9081, 27.0365

Details

The Yxy color **63.1934, 0.3670, 0.3939** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.5763, 0.2571, 0.2543**, and the grayscale version is **62.0783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **32.3369, 0.3803, 0.4106** is the 20% darker color. If you saturate the color by 10%, you get **60.1830, 0.3852, 0.4136**, and if you desaturate by 10%, it is **66.4217, 0.3492, 0.3736**.

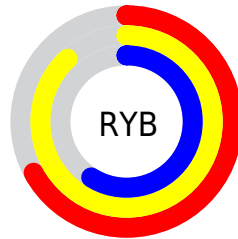
Distribution



Red (88%)

Green (82%)

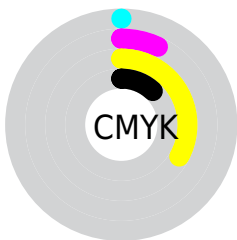
Blue (59%)



Red (67%)

Yellow (88%)

Blue (59%)

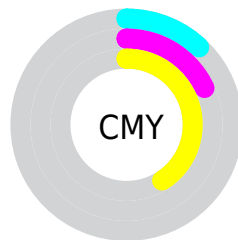


Cyan (0%)

Magenta (7%)

Yellow (33%)

Black (12%)



Cyan (12%)


Magenta (18%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1934, 0.3670, 0.3939 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 63.1934, 0.3670, 0.3939 by changing the saturation by 10% instead.


 63.1934, 0.3670,
0.3939


 63.1934, 0.3670,
0.3939

436.2710, 0.3416,
0.3632

 45.9977, 0.3728,
0.4010


 109.4485, 0.3582,
0.3832

 32.2440, 0.3798,
0.4097


 139.2766, 0.3548,
0.3790

 21.5479, 0.3886,
0.4207


174.0844, 0.3518,
0.3755

 13.5251, 0.3998,
0.4349

214.2561, 0.3493,
0.3724

 7.7911, 0.4142,
0.4536

260.1763, 0.3470,
0.3697

 3.9616, 0.4336,
0.4798

312.2292, 0.3450,

 1.6521, 0.4704,

0.3673

0.5296

370.7993, 0.3432,
0.3651

0.3923, 0.4362,
0.5638

0.0000, 0.0000,
0.0000

63.1934, 0.3670,
0.3939

63.1934, 0.3670,
0.3939

60.1830, 0.3852,
0.4136

66.4217, 0.3492,
0.3736

57.3733, 0.4032,
0.4317

69.8671, 0.3324,
0.3534

54.7579, 0.4204,
0.4473

73.5400, 0.3166,
0.3339

52.3264, 0.4359,
0.4593

77.4471, 0.3021,
0.3154

■ 50.0671, 0.4489,
0.4668

■ 81.0714, 0.2935,
0.3059

■ 47.9658, 0.4589,
0.4696

■ 83.8777, 0.2936,
0.3110

■ 46.4959, 0.4648,
0.4692

■ 86.7617, 0.2938,
0.3161

■ 89.7239, 0.2939,
0.3211

■ 92.7649, 0.2940,
0.3261

Harmonies

Analogous

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



63.1934, 0.3872, 0.3732



63.1934, 0.3670, 0.3939



63.1934, 0.3327, 0.3971

Triad

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



63.1934, 0.3670, 0.3939



63.1934, 0.2441, 0.3072



63.1934, 0.3280, 0.2860

Complementary

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



63.1934, 0.3670, 0.3939



39.5763, 0.2571, 0.2543

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.



63.1934, 0.2894, 0.2698



63.1934, 0.3670, 0.3939



63.1934, 0.2429, 0.2797

Square

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



63.1934, 0.3670, 0.3939



63.1934, 0.2624, 0.3441



63.1934, 0.2589, 0.2670



63.1934, 0.3644, 0.3122

Rectangle

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



63.1934, 0.3670, 0.3939



63.1934, 0.3070, 0.3870



63.1934, 0.2589, 0.2670



63.1934, 0.3148, 0.2793

Sweetspot

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



63.1963, 0.3670, 0.3939



94.9564, 0.3283, 0.3484



40.7967, 0.3702, 0.3090



20.1782, 0.3305, 0.3512



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.



63.1963, 0.3670, 0.3939



82.0575, 0.3791, 0.4072



68.4500, 0.3468, 0.4144



15.4939, 0.3273, 0.3472



27.2430, 0.4639, 0.4698



2.0159, 0.4557, 0.4764

Inverse Universe

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



39.5763, 0.2571, 0.2543



45.8109, 0.2444, 0.2359



36.1002, 0.2699, 0.2366



13.7272, 0.2981, 0.3101



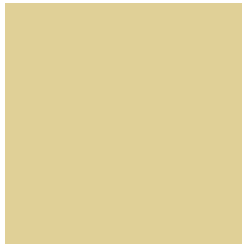
4.5512, 0.1565, 0.0834



0.4474, 0.1644, 0.1118

Previews

White Background



This preview shows how the Yxy color 63.1934, 0.3670, 0.3939 looks on a white background.

Color Contrast Check

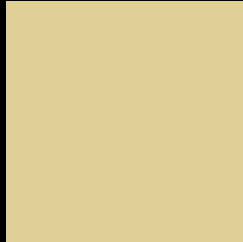
Large Text (above 18pt) WCAG AA × Fail

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 63.1934, 0.3670, 0.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

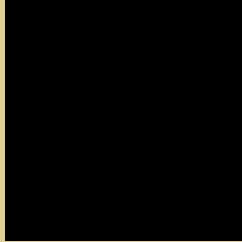
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1934, 0.3670, 0.3939

Background



This preview shows how black text looks on a background with the Yxy color 63.1934, 0.3670, 0.3939.

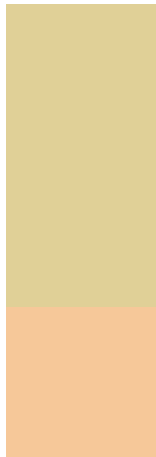


This preview shows how white text looks on a background with the Yxy color 63.1934, 0.3670, 0.3939.

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

63.1934, 0.3670, 0.3939

Protanopia

63.1934, 0.3670, 0.3939

Deuteranopia

63.2013, 0.3867, 0.3795



Tritanopia

63.2038, 0.3260, 0.3127

Trichromacy



Original Color

63.1934, 0.3670, 0.3939

Protanomaly

63.1934, 0.3670, 0.3939

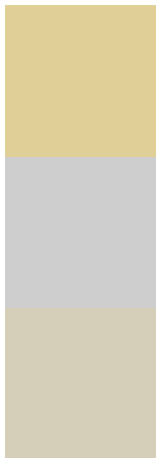
Deuteranomaly

63.1560, 0.3797, 0.3850

Tritanomaly

63.0116, 0.3406, 0.3414

Monochromacy



Original Color

63.1934, 0.3670, 0.3939

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.3170, 0.3324, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1934, 0.3670, 0.3939 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(224, 208, 151)` looks like.

```
.text, #text, p{  
    color:rgb(224, 208, 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(224, 208, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 208, 151) }
```

Border

The CSS property to change the border of an element to Yxy 63.1934, 0.3670, 0.3939 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(224, 208, 151) }
```

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

```
.border{ border-color:rgb(224, 208, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 208, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 208, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 208, 151); box-shadow:4px 4px 4px 4px rgb(224, 208, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1934, 0.3670, 0.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 208, 151) }
```

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

```
.background{ background-color: rgb(224,  
208, 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](#).

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