

Converting Colors

$Yxy(63.0133, 0.3611, 0.3814)$

Have a look what the booklet for
Yxy(63.0133, 0.3611, 0.3814)
contains.

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Color

Yxy(63.2064, 0.3607, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	E1CFA1
RGB	225, 207, 161
RGB Percent	88%, 81%, 63%
CMY	0.1177, 0.1882, 0.3686
CMYK	0.00, 0.08, 0.28, 0.12
HSL	43°, 52%, 76%
HSV	43°, 28%, 88%
XYZ	59.7916, 63.2064, 42.7675
YIQ	207.1380, 25.4940, -10.4900

Conversions

Conversions Part 2

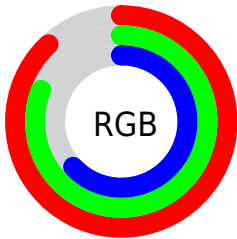
Format	Color
RYB	186, 225, 161
Decimal	14798753
CIELab	83.55, -0.68, 25.17
CIELCh	84, 25.179, 91.542
Yxy	63.2064, 0.3607, 0.3813
Android (android.graphics.Color)	4292988833 (0xFFE1CFA1)
YUV	207.1380, -22.7460, 15.6650
Hunter-Lab	79.5025, -4.8843, 23.7573

Details

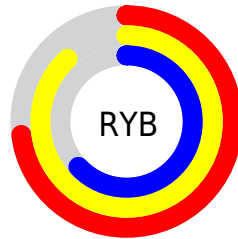
The Yxy color **63.2064, 0.3607, 0.3813** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.2386, 0.2655, 0.2705**, and the grayscale version is **62.6274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **32.3216, 0.3724, 0.3945** is the 20% darker color. If you saturate the color by 10%, you get **59.4854, 0.3798, 0.4000**, and if you desaturate by 10%, it is **67.1984, 0.3426, 0.3624**.

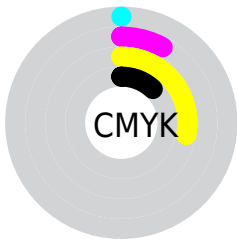
Distribution



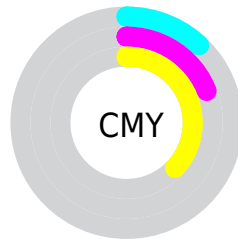
- Red (88%)
- Green (81%)
- Blue (63%)



- Red (73%)
- Yellow (88%)
- Blue (63%)



- Cyan (0%)
- Magenta (8%)
- Yellow (28%)
- Black (12%)





- Cyan (12%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2064, 0.3607, 0.3813 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 63.2064, 0.3607, 0.3813 by changing the saturation by 10% instead.


 63.2064, 0.3607,
0.3813


 63.2064, 0.3607,
0.3813


436.3182, 0.3381,
0.3566

 46.0082, 0.3659,
0.3870


 109.4672, 0.3528,
0.3727

 32.2523, 0.3724,
0.3941


 139.2987, 0.3498,
0.3693

 21.5543, 0.3805,
0.4030


174.1099, 0.3471,
0.3665

 13.5298, 0.3911,
0.4147

214.2855, 0.3448,
0.3640

 7.7943, 0.4052,
0.4304

260.2097, 0.3428,
0.3618

 3.9636, 0.4245,
0.4520

312.2669, 0.3411,

 1.6532, 0.4833,

0.3599

0.5167

370.8416, 0.3395,
0.3581

0.3931, 0.4760,
0.5240

0.0000, 0.0000,
0.0000

63.2064, 0.3607,
0.3813

63.2064, 0.3607,
0.3813

59.4854, 0.3798,
0.4000

67.1984, 0.3426,
0.3624

56.0177, 0.3995,
0.4177

71.4613, 0.3258,
0.3440

52.7965, 0.4190,
0.4334

76.0060, 0.3104,
0.3263

49.8108, 0.4375,
0.4460

80.8399, 0.2965,
0.3097

47.0487, 0.4541,
0.4545

84.7215, 0.2943,
0.3123

44.4962, 0.4679,
0.4582

88.4769, 0.2944,
0.3187

42.1333, 0.4787,
0.4571

92.3629, 0.2945,
0.3252

41.7765, 0.4803,
0.4568

94.7437, 0.2946,
0.3289

Harmonies

Analogous

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



63.2064, 0.3752, 0.3634



63.2064, 0.3607, 0.3813



63.2064, 0.3336, 0.3854

Triad

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



63.2064, 0.3607, 0.3813



63.2064, 0.2567, 0.3150



63.2064, 0.3214, 0.2908

Complementary

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



63.2064, 0.3607, 0.3813



45.2386, 0.2655, 0.2705

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.



63.2064, 0.2898, 0.2785



63.2064, 0.3607, 0.3813



63.2064, 0.2538, 0.2907

Square

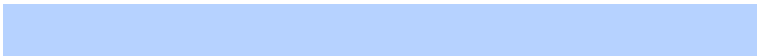
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.2064, 0.3607, 0.3813



63.2064, 0.2739, 0.3455



63.2064, 0.2655, 0.2780



63.2064, 0.3520, 0.3121

Rectangle

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



63.2064, 0.3607, 0.3813



63.2064, 0.3123, 0.3784



63.2064, 0.2655, 0.2780



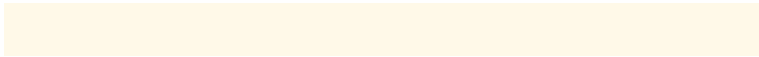
63.2064, 0.3105, 0.2855

Sweetspot

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



63.2093, 0.3607, 0.3813



94.5663, 0.3268, 0.3451



44.7544, 0.3574, 0.3080



20.0593, 0.3292, 0.3478



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.



63.2093, 0.3607, 0.3813



81.0580, 0.3717, 0.3922



70.2766, 0.3450, 0.4024



15.3449, 0.3274, 0.3458



24.2862, 0.4792, 0.4577



1.8324, 0.4678, 0.4667

Inverse Universe

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



45.2386, 0.2655, 0.2705



53.5603, 0.2549, 0.2563



40.0240, 0.2738, 0.2492



13.8668, 0.2981, 0.3116



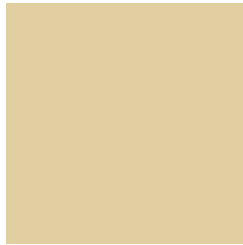
5.3631, 0.1600, 0.0959



0.5207, 0.1684, 0.1262

Previews

White Background



This preview shows how the Yxy color 63.2064, 0.3607, 0.3813 looks on a white background.

Color Contrast Check

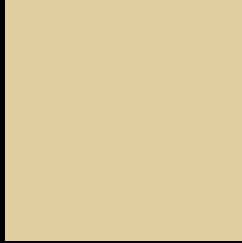
Large Text (above 18pt) WCAG AA × Fail

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 63.2064, 0.3607, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

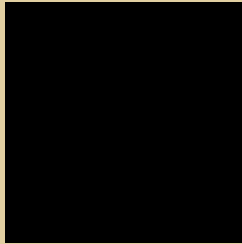
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

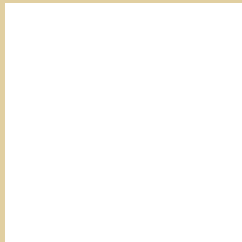
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2064, 0.3607, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 63.2064, 0.3607, 0.3813.



This preview shows how white text looks on a background with the Yxy color 63.2064, 0.3607, 0.3813.

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

63.2064, 0.3607, 0.3813

Protanopia

63.2146, 0.3580, 0.3828

Deuteranopia

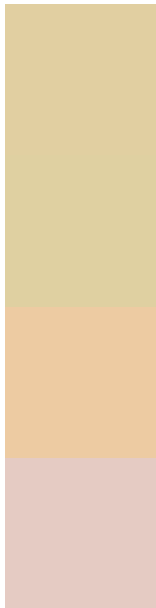
63.1503, 0.3780, 0.3701



Tritanopia

63.2038, 0.3260, 0.3127

Trichromacy



Original Color

63.2064, 0.3607, 0.3813

Protanomaly

63.3729, 0.3588, 0.3827

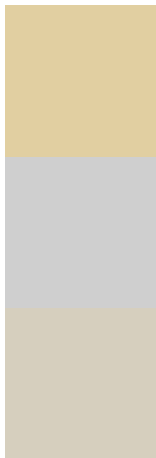
Deuteranomaly

63.3250, 0.3711, 0.3742

Tritanomaly

63.3100, 0.3391, 0.3380

Monochromacy



Original Color

63.2064, 0.3607, 0.3813

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.6395, 0.3303, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2064, 0.3607, 0.3813 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(225, 207, 161)` looks like.

```
.text, #text, p{  
    color:rgb(225, 207, 161)  
}
```

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(225, 207, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 207, 161) }
```

Border

The CSS property to change the border of an element to Yxy 63.2064, 0.3607, 0.3813 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(225, 207, 161) }
```

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

```
.border{ border-color:rgb(225, 207, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 207, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 207, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 207, 161);  
box-shadow:4px 4px 4px 4px rgb(225, 207,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2064, 0.3607, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 207, 161) }
```

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

```
.background{ background-color: rgb(225,  
207, 161) }
```

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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