

Converting Colors

$Yxy(63.2412, 0.3696, 0.3882)$

Have a look what the booklet for
Yxy(63.2412, 0.3696, 0.3882)
contains.

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Color

Yxy(63.1337, 0.3696, 0.3875)

Conversions

Conversions Part 1

Format	Color
Hex	E5CE9A
RGB	229, 206, 154
RGB Percent	90%, 81%, 60%
CMY	0.1019, 0.1921, 0.3962
CMYK	0.00, 0.10, 0.33, 0.10
HSL	42°, 59%, 75%
HSV	42°, 33%, 90%
XYZ	60.2173, 63.1337, 39.5746
YIQ	206.9490, 30.4000, -11.2960

Conversions

Conversions Part 2

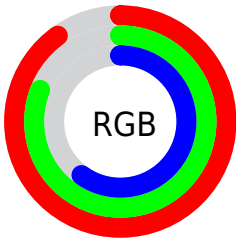
Format	Color
RYB	187, 229, 154
Decimal	15060634
CIELab	83.51, 0.50, 28.84
CIELCh	84, 28.848, 89.004
Yxy	63.1337, 0.3696, 0.3875
Android (android.graphics.Color)	4293250714 (0xFFE5CE9A)
YUV	206.9490, -26.1039, 19.3387
Hunter-Lab	79.4567, -3.7707, 26.0894

Details

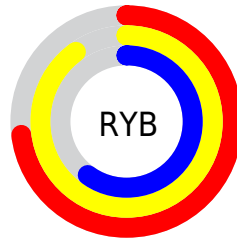
The Yxy color **63.1337, 0.3696, 0.3875** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.9630, 0.2578, 0.2625**, and the grayscale version is **62.5200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **32.1864, 0.3830, 0.4024** is the 20% darker color. If you saturate the color by 10%, you get **59.1395, 0.3896, 0.4054**, and if you desaturate by 10%, it is **67.4303, 0.3506, 0.3692**.

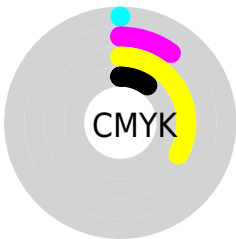
Distribution



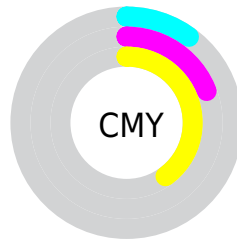
- Red (90%)
- Green (81%)
- Blue (60%)



- Red (73%)
- Yellow (90%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (33%)
- Black (10%)





- Cyan (10%)
- Magenta (19%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1337, 0.3696, 0.3875 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 63.1337, 0.3696, 0.3875 by changing the saturation by 10% instead.


 63.1337, 0.3696,
0.3875


 63.1337, 0.3696,
0.3875


436.0545, 0.3428,
0.3600

 45.9494, 0.3757,
0.3938


 109.3624, 0.3603,
0.3779

 32.2059, 0.3833,
0.4015


 139.1755, 0.3567,
0.3742

 21.5188, 0.3928,
0.4112


173.9671, 0.3536,
0.3710

 13.5038, 0.4050,
0.4236

214.1214, 0.3508,
0.3683

 7.7763, 0.4211,
0.4399

260.0229, 0.3485,
0.3658

 3.9522, 0.4427,
0.4617

312.0560, 0.3464,

 1.6468, 0.4903,

0.3637

0.5097

370.6051, 0.3445,
0.3618

■ 0.3889, 0.4954,
0.5046

■ 0.0000, 0.0000,
0.0000

■ 63.1337, 0.3696,
0.3875

■ 63.1337, 0.3696,
0.3875

■ 59.1395, 0.3896,
0.4054

■ 67.4303, 0.3506,
0.3692

■ 55.4287, 0.4100,
0.4218

■ 72.0302, 0.3330,
0.3511

■ 51.9931, 0.4301,
0.4359

■ 76.9452, 0.3169,
0.3337

■ 48.8204, 0.4489,
0.4464

■ 82.1838, 0.3023,
0.3172

■ 45.8968, 0.4655,
0.4524

■ 86.8550, 0.2968,
0.3150

■ 43.2059, 0.4791,
0.4533

■ 91.0946, 0.2969,
0.3221

■ 41.3856, 0.4872,
0.4513

■ 95.3992, 0.2970,
0.3290

Harmonies

Analogous

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



63.1337, 0.3848, 0.3656



63.1337, 0.3696, 0.3875



63.1337, 0.3393, 0.3943

Triad

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



63.1337, 0.3696, 0.3875



63.1337, 0.2500, 0.3155



63.1337, 0.3193, 0.2840

Complementary

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



63.1337, 0.3696, 0.3875



43.9630, 0.2578, 0.2625

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.



63.1337, 0.2836, 0.2710



63.1337, 0.3696, 0.3875



63.1337, 0.2453, 0.2869

Square

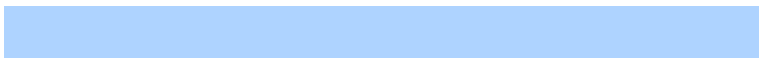
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.1337, 0.3696, 0.3875



63.1337, 0.2706, 0.3508



63.1337, 0.2572, 0.2715



63.1337, 0.3551, 0.3073

Rectangle

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



63.1337, 0.3696, 0.3875



63.1337, 0.3151, 0.3876



63.1337, 0.2572, 0.2715



63.1337, 0.3069, 0.2783

Sweetspot

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



63.1366, 0.3696, 0.3875



93.5781, 0.3285, 0.3463



42.9677, 0.3643, 0.3018



19.8435, 0.3308, 0.3488



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.



63.1366, 0.3696, 0.3875



77.2310, 0.3824, 0.3992



72.8602, 0.3516, 0.4136



16.0323, 0.3275, 0.3452



23.8831, 0.4859, 0.4524



1.9274, 0.4739, 0.4620

Inverse Universe

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



43.9630, 0.2578, 0.2625



49.3778, 0.2460, 0.2467



37.0580, 0.2646, 0.2346



14.6042, 0.2981, 0.3122



5.9409, 0.1616, 0.1017



0.5989, 0.1696, 0.1307

Previews

White Background



This preview shows how the Yxy color 63.1337, 0.3696, 0.3875 looks on a white background.

Color Contrast Check

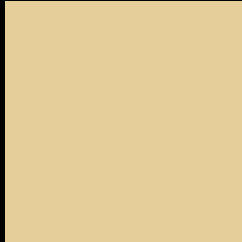
Large Text (above 18pt) WCAG AA × Fail

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 63.1337, 0.3696, 0.3875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

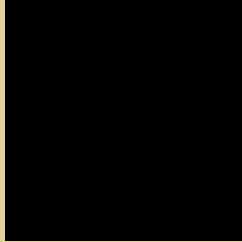
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1337, 0.3696, 0.3875

Background



This preview shows how black text looks on a background with the Yxy color 63.1337, 0.3696, 0.3875.



This preview shows how white text looks on a background with the Yxy color 63.1337, 0.3696, 0.3875.

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

63.1337, 0.3696, 0.3875

Protanopia

63.1663, 0.3632, 0.3895

Deuteranopia

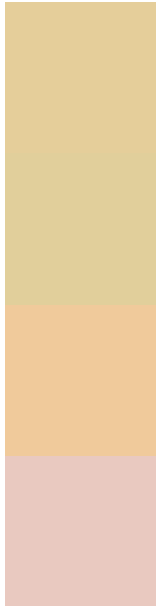
63.2679, 0.3852, 0.3774



Tritanopia

63.0761, 0.3309, 0.3118

Trichromacy



Original Color

63.1337, 0.3696, 0.3875

Protanomaly

62.9998, 0.3652, 0.3881

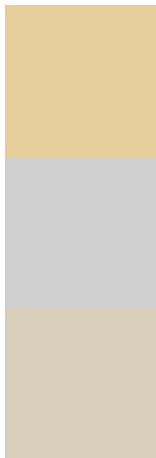
Deuteranomaly

63.1329, 0.3794, 0.3804

Tritanomaly

62.9027, 0.3450, 0.3390

Monochromacy



Original Color

63.1337, 0.3696, 0.3875

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.7036, 0.3325, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1337, 0.3696, 0.3875 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(229, 206, 154)` looks like.

```
.text, #text, p{  
    color:rgb(229, 206, 154)  
}
```

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(229, 206, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 206, 154) }
```

Border

The CSS property to change the border of an element to Yxy 63.1337, 0.3696, 0.3875 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(229, 206, 154) }
```

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

```
.border{ border-color:rgb(229, 206, 154) }
```

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

Here you see how a box with a 4 pixel rgb(229, 206, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 206, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 206, 154);  
box-shadow:4px 4px 4px 4px rgb(229, 206,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1337, 0.3696, 0.3875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 206, 154) }
```

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

```
.background{ background-color: rgb(229,  
206, 154) }
```

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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