

Converting Colors

Yxy(61.0867, 0.3774, 0.4018)

Have a look what the booklet for
Yxy(61.0867, 0.3774, 0.4018)
contains.

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Color

Yxy(61.0867, 0.3774, 0.4018)

Conversions

Conversions Part 1

Format	Color
Hex	E1CC8C
RGB	225, 204, 140
RGB Percent	88%, 80%, 55%
CMY	0.1176, 0.2000, 0.4511
CMYK	0.00, 0.09, 0.38, 0.12
HSL	45°, 59%, 72%
HSV	45°, 38%, 88%
XYZ	57.3771, 61.0867, 33.5688
YIQ	202.9830, 33.0600, -15.4520

Conversions

Conversions Part 2

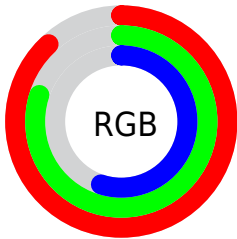
Format	Color
R _Y B	168, 225, 140
Decimal	14797964
CIE Lab	82.43, -1.67, 34.59
CIE LCh	82, 34.629, 92.768
Yxy	61.0867, 0.3774, 0.4018
Android (android.graphics.Color)	4292988044 (0xFFE1CC8C)
YUV	202.9830, -31.0506, 19.3089
Hunter-Lab	78.1580, -5.7366, 29.2456

Details

The Yxy color **61.0867, 0.3774, 0.4018** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.4912, 0.2477, 0.2433**, and the grayscale version is **59.8935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **30.8588, 0.3921, 0.4193** is the 20% darker color. If you saturate the color by 10%, you get **57.8977, 0.3963, 0.4203**, and if you desaturate by 10%, it is **64.5112, 0.3589, 0.3823**.

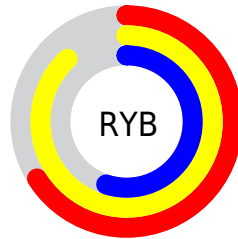
Distribution



Red (88%)

Green (80%)

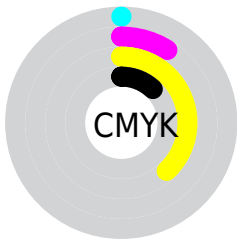
Blue (55%)



Red (66%)

Yellow (88%)

Blue (55%)

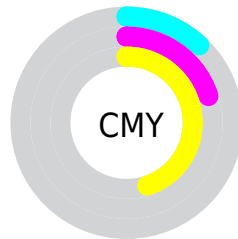


Cyan (0%)

Magenta (9%)

Yellow (38%)

Black (12%)



Cyan (12%)


Magenta (20%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0867, 0.3774, 0.4018 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 61.0867, 0.3774, 0.4018 by changing the saturation by 10% instead.


 61.0867, 0.3774,
0.4018


 61.0867, 0.3774,
0.4018


428.5918, 0.3471,
0.3675


 44.2951, 0.3842,
0.4096

 106.4045, 0.3669,
0.3899

 30.9026, 0.3926,
0.4193


 135.6995, 0.3628,
0.3852

 20.5247, 0.4030,
0.4312


 169.9310, 0.3593,
0.3812

 12.7770, 0.4159,
0.4464

209.4836, 0.3562,
0.3777

 7.2752, 0.4322,
0.4659

254.7416, 0.3535,
0.3747

 3.6348, 0.4609,
0.4999

306.0894, 0.3511,

 1.4714, 0.4770,

0.3720

0.5230

363.9113, 0.3490,
0.3696

■ 0.2685, 0.4440,
0.5560

■ 0.0000, 0.0000,
0.0000

■ 61.0867, 0.3774,
0.4018

■ 61.0867, 0.3774,
0.4018

■ 57.8977, 0.3963,
0.4203

■ 64.5112, 0.3589,
0.3823

■ 54.9266, 0.4148,
0.4367

■ 68.1715, 0.3412,
0.3627

■ 52.1659, 0.4321,
0.4501

■ 72.0782, 0.3247,
0.3434

■ 49.6041, 0.4475,
0.4595

■ 76.2390, 0.3095,
0.3250

■ 47.2280, 0.4601,
0.4641

■ 80.6609, 0.2956,
0.3077

■ 45.0193, 0.4698,
0.4640

■ 83.9963, 0.2943,
0.3110

■ 44.5474, 0.4717,
0.4637

■ 87.2701, 0.2944,
0.3167

■ 90.6446, 0.2945,
0.3224

■ 94.1206, 0.2946,
0.3280

Harmonies

Analogous

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



61.0867, 0.3991, 0.3762



61.0867, 0.3774, 0.4018



61.0867, 0.3389, 0.4083

Triad

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



61.0867, 0.3774, 0.4018



61.0867, 0.2356, 0.3069



61.0867, 0.3261, 0.2781

Complementary

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



61.0867, 0.3774, 0.4018



36.4912, 0.2477, 0.2433

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.



61.0867, 0.2823, 0.2609



61.0867, 0.3774, 0.4018



61.0867, 0.2327, 0.2745

Square

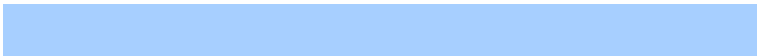
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.0867, 0.3774, 0.4018



61.0867, 0.2577, 0.3499



61.0867, 0.2491, 0.2590



61.0867, 0.3689, 0.3068

Rectangle

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



61.0867, 0.3774, 0.4018



61.0867, 0.3095, 0.3984



61.0867, 0.2491, 0.2590



61.0867, 0.3110, 0.2709

Sweetspot

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



61.0895, 0.3774, 0.4018



93.9830, 0.3300, 0.3497



37.3395, 0.3818, 0.3041



19.9636, 0.3322, 0.3523



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.



61.0895, 0.3774, 0.4018



77.9146, 0.3916, 0.4158



68.5464, 0.3529, 0.4282



15.4262, 0.3273, 0.3466



25.8625, 0.4707, 0.4644



1.9307, 0.4611, 0.4721

Inverse Universe

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



36.4912, 0.2477, 0.2433



41.0399, 0.2334, 0.2227



31.7879, 0.2603, 0.2194



13.7904, 0.2981, 0.3108



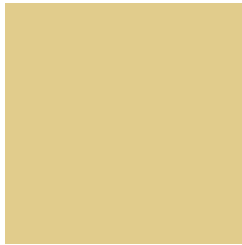
4.8933, 0.1580, 0.0887



0.4792, 0.1662, 0.1182

Previews

White Background



This preview shows how the Yxy color 61.0867, 0.3774, 0.4018 looks on a white background.

Color Contrast Check

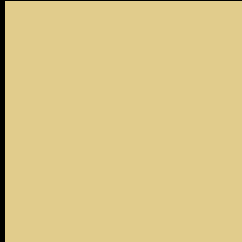
Large Text (above 18pt) WCAG AA × Fail

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 61.0867, 0.3774, 0.4018 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 61.0867, 0.3774, 0.4018

Background



This preview shows how black text looks on a background with the Yxy color 61.0867, 0.3774, 0.4018.

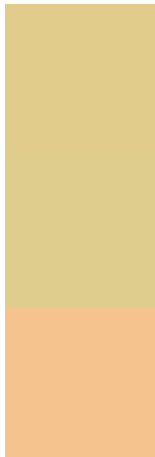


This preview shows how white text looks on a background with the Yxy color 61.0867, 0.3774, 0.4018.

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

61.0867, 0.3774, 0.4018

Protanopia

61.0857, 0.3745, 0.4035

Deuteranopia

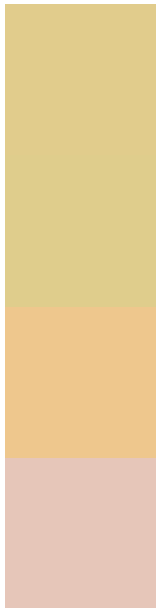
60.8453, 0.3962, 0.3871



Tritanopia

61.0070, 0.3319, 0.3127

Trichromacy



Original Color

61.0867, 0.3774, 0.4018

Protanomaly

61.2441, 0.3753, 0.4033

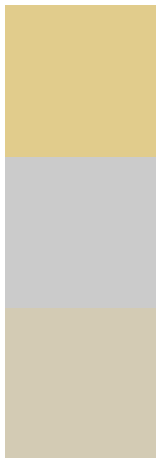
Deuteranomaly

60.9471, 0.3897, 0.3927

Tritanomaly

60.7139, 0.3486, 0.3437

Monochromacy



Original Color

61.0867, 0.3774, 0.4018

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.8560, 0.3359, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0867, 0.3774, 0.4018 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, 204, 140)` looks like.

```
.text, #text, p{  
    color:rgb(225, 204, 140)  
}
```

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, 204, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 204, 140) }
```

Border

The CSS property to change the border of an element to Yxy 61.0867, 0.3774, 0.4018 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, 204, 140) }
```

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

```
.border{ border-color:rgb(225, 204, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 204, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 204, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 204, 140); box-shadow:4px 4px 4px 4px rgb(225, 204, 140) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0867, 0.3774, 0.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 204, 140) }
```

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

```
.background{ background-color: rgb(225,  
204, 140) }
```

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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