

Converting Colors

$Yxy(75.0246, 0.3539, 0.3971)$

Have a look what the booklet for
Yxy(75.0246, 0.3539, 0.3971)
contains.

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Color

Yxy(74.7340, 0.3537, 0.3968)

Conversions

Conversions Part 1

Format	Color
Hex	E4E4A6
RGB	228, 228, 166
RGB Percent	89%, 89%, 65%
CMY	0.1060, 0.1058, 0.3490
CMYK	0.00, 0.00, 0.27, 0.11
HSL	60°, 53%, 77%
HSV	60°, 27%, 89%
XYZ	66.6165, 74.7340, 46.9913
YIQ	220.9320, 19.9020, -19.2820

Conversions

Conversions Part 2

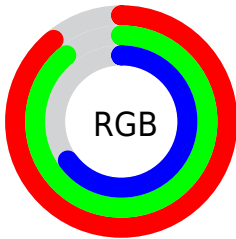
Format	Color
RYB	166, 228, 166
Decimal	15000742
CIELab	89.27, -9.60, 30.36
CIElCh	89, 31.839, 107.557
Yxy	74.7340, 0.3537, 0.3968
Android (android.graphics.Color)	4293190822 (0xFFE4E4A6)
YUV	220.9320, -27.0815, 6.1986
Hunter-Lab	86.4488, -13.7354, 28.2857

Details

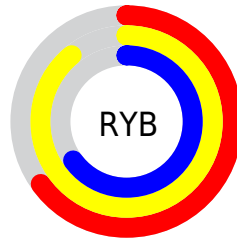
The Yxy color **74.7340, 0.3537, 0.3968** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.9869, 0.2655, 0.2508**, and the grayscale version is **72.4395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **39.8727, 0.3621, 0.4126** is the 20% darker color. If you saturate the color by 10%, you get **73.9714, 0.3685, 0.4212**, and if you desaturate by 10%, it is **75.6517, 0.3385, 0.3716**.

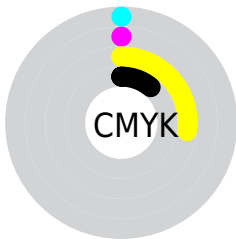
Distribution



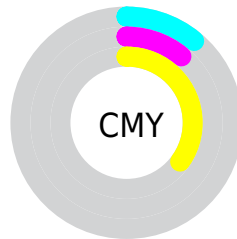
- Red (89%)
- Green (89%)
- Blue (65%)



- Red (65%)
- Yellow (89%)
- Blue (65%)



- Cyan (0%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)




- Cyan (11%)
- Magenta (11%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7340, 0.3537, 0.3968 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 74.7340, 0.3537, 0.3968 by changing the saturation by 10% instead.


 74.7340, 0.3537,
0.3968

 74.7340, 0.3537,
0.3968


477.0028, 0.3353,
0.3652

 55.3950, 0.3577,
0.4040


 125.9358, 0.3475,
0.3858

 39.7181, 0.3625,
0.4129


 158.5673, 0.3450,
0.3816

 27.3188, 0.3683,
0.4241


196.3985, 0.3429,
0.3779

 17.8128, 0.3756,
0.4385

239.8137, 0.3410,
0.3747

 10.8157, 0.3845,
0.4577

289.1973, 0.3393,
0.3719

 5.9430, 0.3955,
0.4842

344.9338, 0.3379,

 2.8105, 0.4218,

0.3694

0.5397

407.4075, 0.3365,
0.3672

■ 1.0336, 0.4175,
0.5825

■ 0.0000, 0.0000,
0.0000

■ 74.7340, 0.3537,
0.3968

■ 74.7340, 0.3537,
0.3968

■ 73.9714, 0.3685,
0.4212

■ 75.6517, 0.3385,
0.3716

■ 73.3460, 0.3822,
0.4439


■ 76.7216, 0.3233,
0.3466


■ 72.8525, 0.3943,
0.4640

■ 77.9539, 0.3087,
0.3223


■ 72.4814, 0.4042,
0.4805


■ 79.2119, 0.2960,
0.3014


 72.2221, 0.4117,
0.4928


 79.2138, 0.2960,
0.3014


 72.0620, 0.4164,
0.5007


 79.2158, 0.2960,
0.3014

 71.9843, 0.4188,
0.5046

 79.2178, 0.2961,
0.3014

 71.9698, 0.4192,
0.5053

 79.2197, 0.2961,
0.3014

 79.2217, 0.2961,
0.3014

Harmonies

Analogous

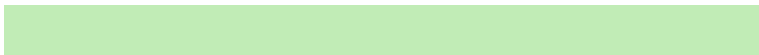
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7340, 0.3804, 0.3826



74.7340, 0.3537, 0.3968



74.7340, 0.3170, 0.3912

Triad

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



74.7340, 0.3537, 0.3968



74.7340, 0.2424, 0.2949



74.7340, 0.3434, 0.2962

Complementary

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



74.7340, 0.3537, 0.3968



40.9869, 0.2655, 0.2508

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.



74.7340, 0.3047, 0.2756



74.7340, 0.3537, 0.3968



74.7340, 0.2482, 0.2734

Square

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



74.7340, 0.3537, 0.3968



74.7340, 0.2537, 0.3286



74.7340, 0.2703, 0.2671



74.7340, 0.3749, 0.3248

Rectangle

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



74.7340, 0.3537, 0.3968



74.7340, 0.2920, 0.3757



74.7340, 0.2703, 0.2671



74.7340, 0.3307, 0.2882

Sweetspot

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



74.7374, 0.3537, 0.3968



98.7530, 0.3246, 0.3487



46.5231, 0.3716, 0.3292



21.0903, 0.3269, 0.3525



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.



74.7374, 0.3537, 0.3968



95.7062, 0.3627, 0.4116



70.1181, 0.3307, 0.4022



16.8168, 0.3267, 0.3522



41.5532, 0.4192, 0.5053



3.0708, 0.4192, 0.5053

Inverse Universe

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



40.9869, 0.2655, 0.2508



44.9352, 0.2531, 0.2305



44.7473, 0.2899, 0.2560



13.8876, 0.2980, 0.3047



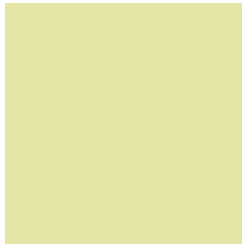
3.2351, 0.1500, 0.0600



0.2392, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 74.7340, 0.3537, 0.3968 looks on a white background.

Color Contrast Check

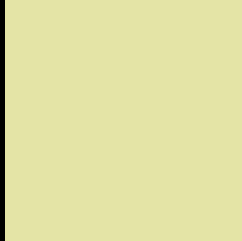
Large Text (above 18pt) WCAG AA × Fail

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 74.7340, 0.3537, 0.3968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

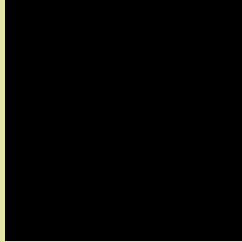
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7340, 0.3537, 0.3968

Background



This preview shows how black text looks on a background with the Yxy color 74.7340, 0.3537, 0.3968.

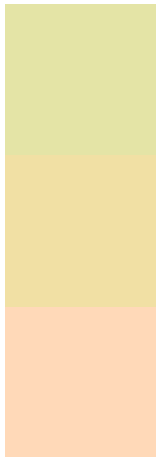


This preview shows how white text looks on a background with the Yxy color 74.7340, 0.3537, 0.3968.

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

74.7340, 0.3537, 0.3968

Protanopia

74.6924, 0.3661, 0.3927

Deuteranopia

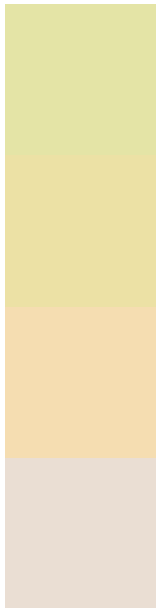
74.3464, 0.3647, 0.3630



Tritanopia

74.7237, 0.3142, 0.3114

Trichromacy



Original Color

74.7340, 0.3537, 0.3968

Protanomaly

74.3999, 0.3613, 0.3935

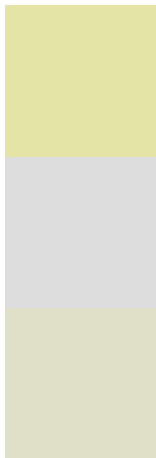
Deuteranomaly

74.2997, 0.3610, 0.3754

Tritanomaly

74.4381, 0.3287, 0.3407

Monochromacy



Original Color

74.7340, 0.3537, 0.3968

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.3756, 0.3280, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7340, 0.3537, 0.3968 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(228, 228, 166)` looks like.

```
.text, #text, p{  
    color:rgb(228, 228, 166)  
}
```

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(228, 228, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 228, 166) }
```

Border

The CSS property to change the border of an element to Yxy 74.7340, 0.3537, 0.3968 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(228, 228, 166) }
```

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

```
.border{ border-color:rgb(228, 228, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 228, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 228, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 228, 166);  
box-shadow:4px 4px 4px 4px rgb(228, 228,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7340, 0.3537, 0.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 228, 166) }
```

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

```
.background{ background-color: rgb(228,  
228, 166) }
```

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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