

Converting Colors

$Y_{xy}(74.1641, 0.3516, 0.3741)$

Have a look what the booklet for
Yxy(74.1641, 0.3516, 0.3741)
contains.

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Color

Yxy(74.1161, 0.3516, 0.3741)

Conversions

Conversions Part 1

Format	Color
Hex	EDDFB5
RGB	237, 223, 181
RGB Percent	93%, 87%, 71%
CMY	0.0705, 0.1255, 0.2902
CMYK	0.00, 0.06, 0.24, 0.07
HSL	45°, 61%, 82%
HSV	45°, 24%, 93%
XYZ	69.6584, 74.1161, 54.3439
YIQ	222.3980, 21.8260, -10.0940

Conversions

Conversions Part 2

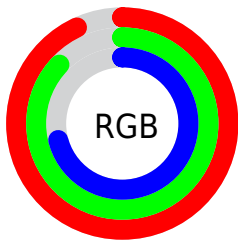
Format	Color
R_{YB}	200, 237, 181
Decimal	15589301
CIE Lab	88.98, -1.69, 22.35
CIE LCh	89, 22.414, 94.326
Yxy	74.1161, 0.3516, 0.3741
Android (android.graphics.Color)	4293779381 (0xFFEDDFB5)
YUV	222.3980, -20.4092, 12.8060
Hunter-Lab	86.0907, -6.2293, 22.8373

Details

The Yxy color **74.1161, 0.3516, 0.3741** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.9759, 0.2738, 0.2794**, and the grayscale version is **73.4820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **39.3875, 0.3608, 0.3846** is the 20% darker color. If you saturate the color by 10%, you get **70.1127, 0.3699, 0.3937**, and if you desaturate by 10%, it is **78.4028, 0.3343, 0.3546**.

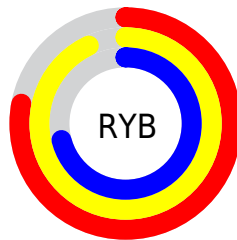
Distribution



Red (93%)

Green (87%)

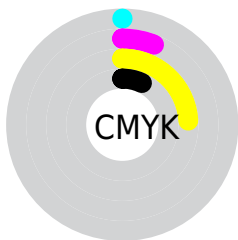
Blue (71%)



Red (78%)

Yellow (93%)

Blue (71%)

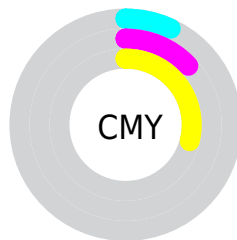


Cyan (0%)

Magenta (6%)

Yellow (24%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1161, 0.3516, 0.3741 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 74.1161, 0.3516, 0.3741 by changing the saturation by 10% instead.


 74.1161, 0.3516,
0.3741

 74.1161, 0.3516,
0.3741


474.8740, 0.3338,
0.3533

 54.8891, 0.3556,
0.3788


 125.0604, 0.3455,
0.3669

 39.3129, 0.3605,
0.3846


157.5464, 0.3431,
0.3641

 27.0032, 0.3667,
0.3919


195.2209, 0.3410,
0.3617

 17.5757, 0.3746,
0.4013


238.4682, 0.3392,
0.3596

 10.6458, 0.3850,
0.4139

287.6728, 0.3376,
0.3577

 5.8292, 0.3993,
0.4313


343.2190, 0.3362,


 2.7415, 0.4209,


0.3561


0.4580


405.4913, 0.3349,
0.3546


 0.9983, 0.4754,
0.5246


 0.0000, 0.0000,
0.0000


 74.1161, 0.3516,
0.3741


 74.1161, 0.3516,
0.3741


 70.1127, 0.3699,
0.3937


 78.4028, 0.3343,
0.3546


 66.3730, 0.3888,
0.4127

 82.9717, 0.3182,
0.3357

 62.8903, 0.4077,
0.4301

 87.8346, 0.3035,
0.3177

 59.6533, 0.4258,
0.4448

 91.5862, 0.3018,
0.3208

■ 56.6494, 0.4423,
0.4558

■ 95.2678, 0.3018,
0.3267

■ 53.8646, 0.4562,
0.4623

■ 96.7489, 0.3017,
0.3290

■ 51.2816, 0.4671,
0.4639

■ 49.7282, 0.4727,
0.4628

Harmonies

Analogous

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



74.1161, 0.3649, 0.3602



74.1161, 0.3516, 0.3741



74.1161, 0.3281, 0.3758

Triad

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



74.1161, 0.3516, 0.3741



74.1161, 0.2644, 0.3153



74.1161, 0.3228, 0.2979

Complementary

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



74.1161, 0.3516, 0.3741



54.9759, 0.2738, 0.2794

Split Complementary

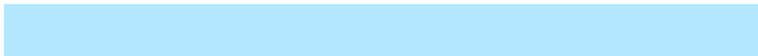
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1161, 0.2958, 0.2865



74.1161, 0.3516, 0.3741



74.1161, 0.2630, 0.2953

Square

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



74.1161, 0.3516, 0.3741



74.1161, 0.2781, 0.3406



74.1161, 0.2742, 0.2853



74.1161, 0.3479, 0.3168

Rectangle

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



74.1161, 0.3516, 0.3741



74.1161, 0.3101, 0.3690



74.1161, 0.2742, 0.2853



74.1161, 0.3136, 0.2931

Sweetspot

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



74.1194, 0.3516, 0.3741



96.0854, 0.3235, 0.3420



55.0349, 0.3489, 0.3127



20.4957, 0.3245, 0.3431



0.0000, 0.0000, 0.0000



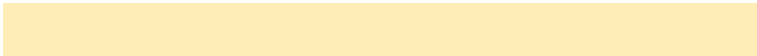
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1194, 0.3516, 0.3741



85.3462, 0.3597, 0.3829



79.7583, 0.3390, 0.3899



16.9513, 0.3274, 0.3466



27.3623, 0.4717, 0.4637



2.2993, 0.4629, 0.4707

Inverse Universe

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



54.9759, 0.2738, 0.2794



59.3550, 0.2656, 0.2685



50.6373, 0.2820, 0.2640



15.1615, 0.2980, 0.3108



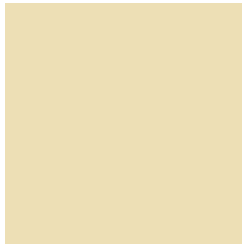
5.2395, 0.1581, 0.0891



0.5604, 0.1653, 0.1152

Previews

White Background



This preview shows how the Yxy color 74.1161, 0.3516, 0.3741 looks on a white background.

Color Contrast Check

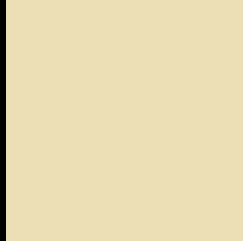
Large Text (above 18pt) WCAG AA × Fail

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 74.1161, 0.3516, 0.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

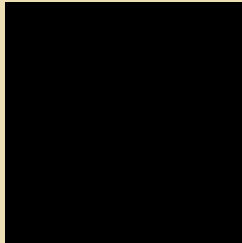
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

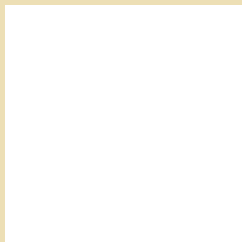
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1161, 0.3516, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 74.1161, 0.3516, 0.3741.

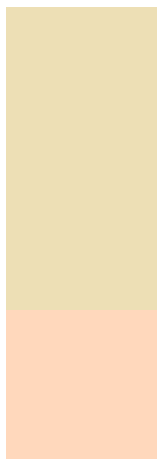


This preview shows how white text looks on a background with the Yxy color 74.1161, 0.3516, 0.3741.

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

74.1161, 0.3516, 0.3741

Protanopia

74.1161, 0.3516, 0.3741

Deuteranopia

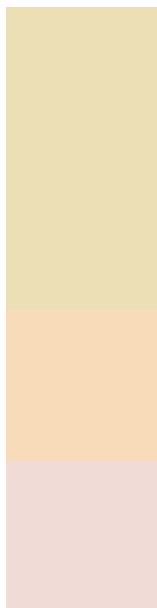
74.0026, 0.3621, 0.3579



Tritanopia

74.2280, 0.3215, 0.3116

Trichromacy



Original Color

74.1161, 0.3516, 0.3741

Protanomaly

74.1161, 0.3516, 0.3741

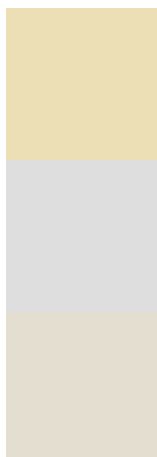
Deuteranomaly

74.1223, 0.3581, 0.3646

Tritanomaly

74.2188, 0.3322, 0.3343

Monochromacy



Original Color

74.1161, 0.3516, 0.3741

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.0784, 0.3263, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1161, 0.3516, 0.3741 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(237, 223, 181)` looks like.

```
.text, #text, p{  
    color:rgb(237, 223, 181)  
}
```

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(237, 223, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 223, 181) }
```

Border

The CSS property to change the border of an element to Yxy 74.1161, 0.3516, 0.3741 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(237, 223, 181) }
```

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

```
.border{ border-color:rgb(237, 223, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 223, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 223, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 223, 181);  
box-shadow:4px 4px 4px 4px rgb(237, 223,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1161, 0.3516, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 223, 181) }
```

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

```
.background{ background-color: rgb(237,  
223, 181) }
```

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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