

Converting Colors

$Yxy(74.3627, 0.3369, 0.3665)$

Have a look what the booklet for
Yxy(74.3627, 0.3369, 0.3665)
contains.

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Color

Yxy(74.6483, 0.3374, 0.3671)

Conversions

Conversions Part 1

Format	Color
Hex	E4E2BF
RGB	228, 226, 191
RGB Percent	89%, 89%, 75%
CMY	0.1057, 0.1138, 0.2509
CMYK	0.00, 0.01, 0.16, 0.11
HSL	57°, 41%, 82%
HSV	57°, 16%, 89%
XYZ	68.6089, 74.6483, 60.0887
YIQ	222.6080, 12.4270, -10.4610

Conversions

Conversions Part 2

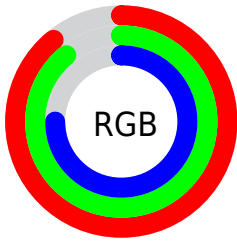
Format	Color
R_{YB}	193, 228, 191
Decimal	15000255
CIE Lab	89.23, -5.05, 17.38
CIE LCh	89, 18.096, 106.193
Yxy	74.6483, 0.3374, 0.3671
Android (android.graphics.Color)	4293190335 (0xFFE4E2BF)
YUV	222.6080, -15.5827, 4.7288
Hunter-Lab	86.3992, -9.4533, 19.2446

Details

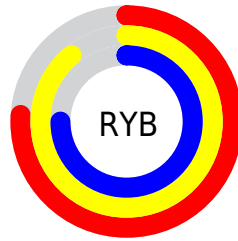
The Yxy color **74.6483, 0.3374, 0.3671** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.8571, 0.2864, 0.2878**, and the grayscale version is **73.6127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **39.7026, 0.3430, 0.3773** is the 20% darker color. If you saturate the color by 10%, you get **73.0351, 0.3531, 0.3911**, and if you desaturate by 10%, it is **76.4296, 0.3220, 0.3434**.

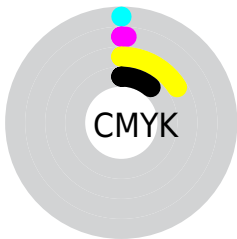
Distribution



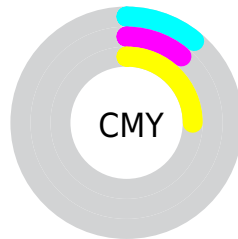
- Red (89%)
- Green (89%)
- Blue (75%)



- Red (76%)
- Yellow (89%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (16%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6483, 0.3374, 0.3671 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 74.6483, 0.3374, 0.3671 by changing the saturation by 10% instead.

74.6483, 0.3374,
0.3671

74.6483, 0.3374,
0.3671

476.7079, 0.3261,
0.3494

55.3248, 0.3399,
0.3712

125.8144, 0.3335,
0.3609

39.6618, 0.3430,
0.3762

158.4258, 0.3320,
0.3585

27.2750, 0.3469,
0.3826

196.2353, 0.3307,
0.3565

17.7799, 0.3519,
0.3909

239.6272, 0.3296,
0.3547

10.7920, 0.3585,
0.4022

288.9861, 0.3285,
0.3531

5.9272, 0.3677,
0.4185

344.6962, 0.3277,

2.8008, 0.3809,

0.3517

0.4435

407.1420, 0.3269,
0.3505

■ 1.0287, 0.4518,
0.5482

■ 0.0000, 0.0000,
0.0000

■ 74.6483, 0.3374,
0.3671

■ 74.6483, 0.3374,
0.3671

■ 73.0351, 0.3531,
0.3911

■ 76.4296, 0.3220,
0.3434

■ 71.5728, 0.3687,
0.4146

■ 78.3758, 0.3073,
0.3205

■ 70.2570, 0.3836,
0.4366

■ 80.2081, 0.2961,
0.3033

■ 69.0791, 0.3972,
0.4563

■ 80.9180, 0.2961,
0.3046

68.0299, 0.4089,
0.4727

81.6330, 0.2961,
0.3059

67.0985, 0.4181,
0.4850

82.3533, 0.2961,
0.3072

66.2727, 0.4246,
0.4928

83.0787, 0.2961,
0.3085

65.5369, 0.4285,
0.4964

83.8093, 0.2962,
0.3099

65.2739, 0.4295,
0.4971

84.5452, 0.2962,
0.3112

Harmonies

Analogous

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



74.6483, 0.3518, 0.3597



74.6483, 0.3374, 0.3671



74.6483, 0.3167, 0.3637

Triad

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



74.6483, 0.3374, 0.3671



74.6483, 0.2718, 0.3110



74.6483, 0.3294, 0.3092

Complementary

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



74.6483, 0.3374, 0.3671



54.8571, 0.2864, 0.2878

Split Complementary

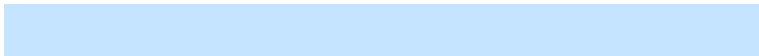
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6483, 0.3075, 0.2972



74.6483, 0.3374, 0.3671



74.6483, 0.2748, 0.2976

Square

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



74.6483, 0.3374, 0.3671



74.6483, 0.2792, 0.3303



74.6483, 0.2877, 0.2928



74.6483, 0.3472, 0.3263

Rectangle

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



74.6483, 0.3374, 0.3671



74.6483, 0.3023, 0.3555



74.6483, 0.2877, 0.2928



74.6483, 0.3223, 0.3045

Sweetspot

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



74.6516, 0.3374, 0.3671



98.7529, 0.3202, 0.3406



57.6417, 0.3415, 0.3263



21.1006, 0.3212, 0.3422



0.0000, 0.0000, 0.0000



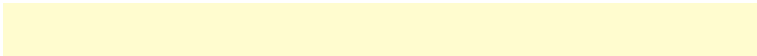
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6516, 0.3374, 0.3671



95.5507, 0.3419, 0.3740



73.2767, 0.3254, 0.3708



16.6722, 0.3269, 0.3510



37.7304, 0.4294, 0.4973



2.8304, 0.4278, 0.4986

Inverse Universe

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



54.8571, 0.2864, 0.2878



66.1457, 0.2812, 0.2796



56.1461, 0.2983, 0.2868



14.0155, 0.2980, 0.3061



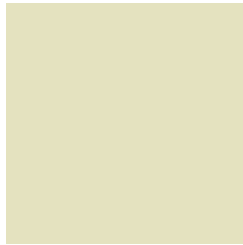
3.4506, 0.1510, 0.0636



0.3008, 0.1538, 0.0736

Previews

White Background



This preview shows how the Yxy color 74.6483, 0.3374, 0.3671 looks on a white background.

Color Contrast Check

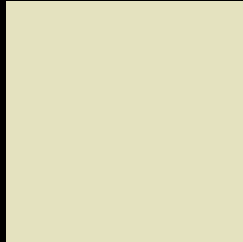
Large Text (above 18pt) WCAG AA × Fail

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 74.6483, 0.3374, 0.3671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

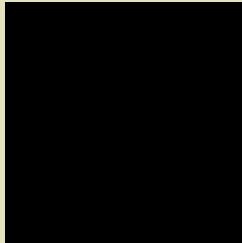
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

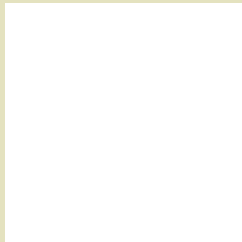
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6483, 0.3374, 0.3671

Background



This preview shows how black text looks on a background with the Yxy color 74.6483, 0.3374, 0.3671.



This preview shows how white text looks on a background with the Yxy color 74.6483, 0.3374, 0.3671.

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

74.6483, 0.3374, 0.3671

Protanopia

74.8619, 0.3444, 0.3654

Deuteranopia

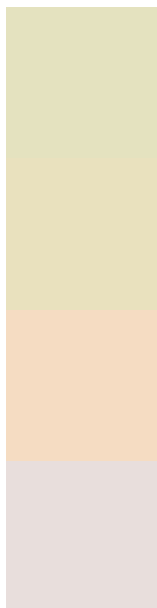
74.3119, 0.3569, 0.3506



Tritanopia

74.7932, 0.3114, 0.3114

Trichromacy



Original Color

74.6483, 0.3374, 0.3671

Protanomaly

74.8918, 0.3419, 0.3667

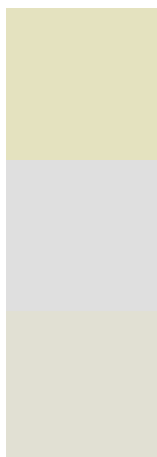
Deuteranomaly

74.4939, 0.3491, 0.3563

Tritanomaly

74.5657, 0.3212, 0.3311

Monochromacy



Original Color

74.6483, 0.3374, 0.3671

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0220, 0.3220, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6483, 0.3374, 0.3671 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, 226, 191)` looks like.

```
.text, #text, p{  
    color:rgb(228, 226, 191)  
}
```

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, 226, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 226, 191) }
```

Border

The CSS property to change the border of an element to Yxy 74.6483, 0.3374, 0.3671 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, 226, 191) }
```

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

```
.border{ border-color:rgb(228, 226, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 226, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 226, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 226, 191);  
box-shadow:4px 4px 4px 4px rgb(228, 226,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6483, 0.3374, 0.3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 226, 191) }
```

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

```
.background{ background-color: rgb(228,  
226, 191) }
```

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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