

Converting Colors

$Yxy(74.6687, 0.3442, 0.3851)$

Have a look what the booklet for
Yxy(74.6687, 0.3442, 0.3851)
contains.

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Color

Yxy(74.6687, 0.3442, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	E1E4B1
RGB	225, 228, 177
RGB Percent	88%, 89%, 69%
CMY	0.1175, 0.1059, 0.3059
CMYK	0.01, 0.00, 0.22, 0.11
HSL	63°, 49%, 79%
HSV	63°, 22%, 89%
XYZ	66.7384, 74.6687, 52.4872
YIQ	221.2890, 14.5830, -16.4970

Conversions

Conversions Part 2

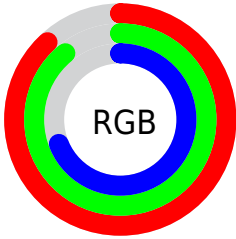
Format	Color
RYB	177, 228, 180
Decimal	14804145
CIELab	89.24, -9.20, 24.63
CIELCh	89, 26.290, 110.488
Yxy	74.6687, 0.3442, 0.3851
Android (android.graphics.Color)	4292994225 (0xFFE1E4B1)
YUV	221.2890, -21.8345, 3.2545
Hunter-Lab	86.4111, -13.3573, 24.4742

Details

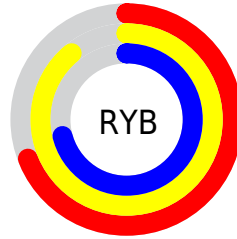
The Yxy color **74.6687, 0.3442, 0.3851** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.7422, 0.2771, 0.2669**, and the grayscale version is **72.6738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **39.7774, 0.3507, 0.3993** is the 20% darker color. If you saturate the color by 10%, you get **73.6256, 0.3582, 0.4105**, and if you desaturate by 10%, it is **75.8720, 0.3300, 0.3596**.

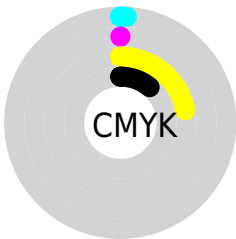
Distribution



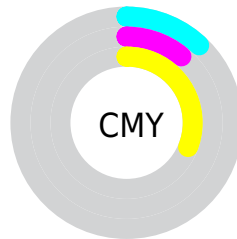
- Red (88%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)




- Cyan (12%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6687, 0.3442, 0.3851 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 74.6687, 0.3442, 0.3851 by changing the saturation by 10% instead.


 74.6687, 0.3442,
0.3851

 74.6687, 0.3442,
0.3851

476.7781, 0.3300,
0.3589

 55.3415, 0.3473,
0.3911

 125.8433, 0.3394,
0.3760

 39.6752, 0.3511,
0.3986

158.4595, 0.3375,
0.3724

 27.2854, 0.3557,
0.4080

196.2741, 0.3358,
0.3694

 17.7877, 0.3616,
0.4203


239.6716, 0.3344,
0.3667

 10.7977, 0.3691,
0.4370

289.0364, 0.3331,
0.3644

 5.9309, 0.3787,
0.4606

344.7528, 0.3320,

 2.8031, 0.3938,

0.3623

0.4997

407.2052, 0.3309,
0.3605

■ 1.0298, 0.4205,
0.5795

■ 0.0000, 0.0000,
0.0000

■ 74.6687, 0.3442,
0.3851

■ 74.6687, 0.3442,
0.3851

■ 73.6256, 0.3582,
0.4105

■ 75.8720, 0.3300,
0.3596

■ 72.7252, 0.3714,
0.4349

■ 77.2324, 0.3160,
0.3347

■ 71.9626, 0.3834,
0.4573

■ 78.7601, 0.3025,
0.3110

■ 71.3289, 0.3934,
0.4768

■ 79.5818, 0.2975,
0.3015

70.8138, 0.4010,
0.4924

79.8020, 0.2984,
0.3016

70.4058, 0.4061,
0.5036

80.0238, 0.2993,
0.3017

70.0909, 0.4086,
0.5105

80.2472, 0.3001,
0.3017

69.8960, 0.4091,
0.5134

80.4724, 0.3010,
0.3018

80.6992, 0.3019,
0.3019

Harmonies

Analogous

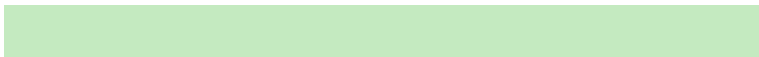
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6687, 0.3672, 0.3754



74.6687, 0.3442, 0.3851



74.6687, 0.3135, 0.3783

Triad

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



74.6687, 0.3442, 0.3851



74.6687, 0.2538, 0.2989



74.6687, 0.3411, 0.3038

Complementary

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



74.6687, 0.3442, 0.3851



46.7422, 0.2771, 0.2669

Split Complementary

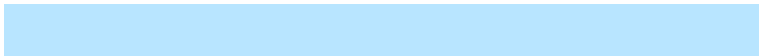
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6687, 0.3094, 0.2855



74.6687, 0.3442, 0.3851



74.6687, 0.2602, 0.2818

Square

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



74.6687, 0.3442, 0.3851



74.6687, 0.2621, 0.3261



74.6687, 0.2801, 0.2774



74.6687, 0.3658, 0.3284

Rectangle

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



74.6687, 0.3442, 0.3851



74.6687, 0.2929, 0.3648



74.6687, 0.2801, 0.2774



74.6687, 0.3309, 0.2968

Sweetspot

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



74.6720, 0.3442, 0.3851



98.7073, 0.3225, 0.3462



52.1272, 0.3577, 0.3321



21.1046, 0.3233, 0.3478



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.



74.6720, 0.3442, 0.3851



95.5817, 0.3510, 0.3974



70.9306, 0.3258, 0.3885



16.7724, 0.3259, 0.3523



40.3806, 0.4093, 0.5132



2.9970, 0.4108, 0.5120

Inverse Universe

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



46.7422, 0.2771, 0.2669



53.3669, 0.2682, 0.2515



50.0299, 0.2967, 0.2703



13.9269, 0.2989, 0.3048



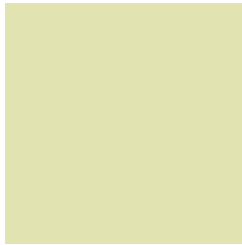
3.3013, 0.1519, 0.0610



0.2581, 0.1570, 0.0639

Previews

White Background



This preview shows how the Yxy color 74.6687, 0.3442, 0.3851 looks on a white background.

Color Contrast Check

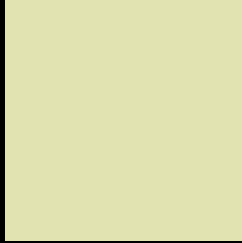
Large Text (above 18pt) WCAG AA × Fail

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 74.6687, 0.3442, 0.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

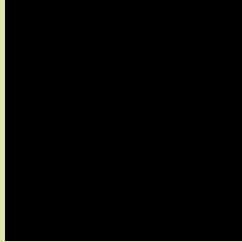
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

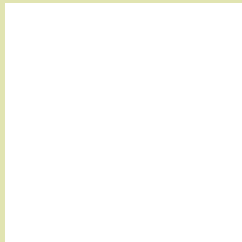
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6687, 0.3442, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 74.6687, 0.3442, 0.3851.

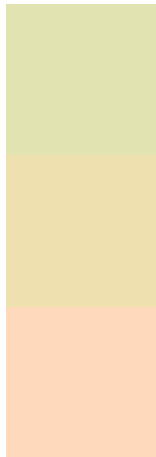


This preview shows how white text looks on a background with the Yxy color 74.6687, 0.3442, 0.3851.

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

74.6687, 0.3442, 0.3851

Protanopia

74.7572, 0.3570, 0.3813

Deuteranopia

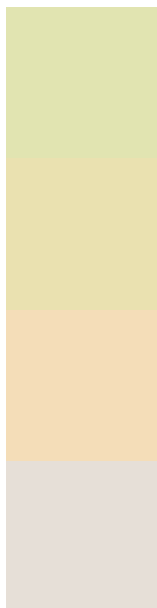
74.5165, 0.3618, 0.3589



Tritanopia

74.6245, 0.3107, 0.3113

Trichromacy



Original Color

74.6687, 0.3442, 0.3851

Protanomaly

74.4774, 0.3523, 0.3819

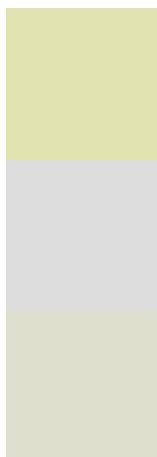
Deuteranomaly

74.4067, 0.3553, 0.3681

Tritanomaly

74.5046, 0.3230, 0.3376

Monochromacy



Original Color

74.6687, 0.3442, 0.3851

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.2487, 0.3238, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6687, 0.3442, 0.3851 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, 228, 177)` looks like.

```
.text, #text, p{  
    color:rgb(225, 228, 177)  
}
```

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, 228, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 228, 177) }
```

Border

The CSS property to change the border of an element to Yxy 74.6687, 0.3442, 0.3851 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, 228, 177) }
```

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

```
.border{ border-color:rgb(225, 228, 177) }
```

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

Here you see how a box with a 4 pixel rgb(225, 228, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 228, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 228, 177);  
box-shadow:4px 4px 4px 4px rgb(225, 228,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6687, 0.3442, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 228, 177) }
```

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

```
.background{ background-color: rgb(225,  
228, 177) }
```

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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