

Converting Colors

$Yxy(73.8541, 0.3467, 0.3856)$

Have a look what the booklet for
Yxy(73.8541, 0.3467, 0.3856)
contains.

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Color

Yxy(73.6566, 0.3467, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	E2E2AF
RGB	226, 226, 175
RGB Percent	89%, 89%, 69%
CMY	0.1137, 0.1137, 0.3138
CMYK	0.00, 0.00, 0.23, 0.11
HSL	60°, 47%, 79%
HSV	60°, 23%, 89%
XYZ	66.2948, 73.6566, 51.2651
YIQ	220.1860, 16.3710, -15.8610

Conversions

Conversions Part 2

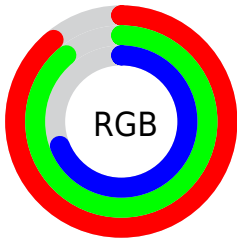
Format	Color
RYB	175, 226, 175
Decimal	14869167
CIELab	88.76, -8.13, 25.03
CIELCh	89, 26.317, 107.994
Yxy	73.6566, 0.3467, 0.3852
Android (android.graphics.Color)	4293059247 (0xFFE2E2AF)
YUV	220.1860, -22.2767, 5.0989
Hunter-Lab	85.8234, -12.3077, 24.6605

Details

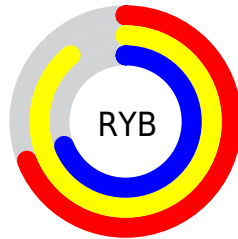
The Yxy color **73.6566, 0.3467, 0.3852** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.2530, 0.2745, 0.2659**, and the grayscale version is **71.8568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **39.0770, 0.3541, 0.3993** is the 20% darker color. If you saturate the color by 10%, you get **72.8440, 0.3617, 0.4101**, and if you desaturate by 10%, it is **74.6244, 0.3315, 0.3600**.

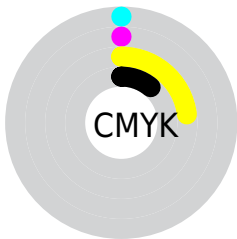
Distribution



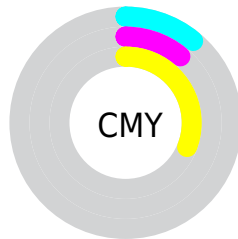
- Red (89%)
- Green (89%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6566, 0.3467, 0.3852 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 73.6566, 0.3467, 0.3852 by changing the saturation by 10% instead.


 73.6566, 0.3467,
0.3852

 73.6566, 0.3467,
0.3852


473.2873, 0.3313,
0.3589

 54.5130, 0.3501,
0.3912


 124.4089, 0.3415,
0.3760

 39.0120, 0.3542,
0.3987


156.7864, 0.3394,
0.3725

 26.7690, 0.3593,
0.4082


194.3440, 0.3376,
0.3694

 17.3998, 0.3657,
0.4205

237.4661, 0.3360,
0.3668

 10.5200, 0.3740,
0.4371

286.5371, 0.3346,
0.3645

 5.7451, 0.3847,
0.4606

341.9414, 0.3334,

 2.6907, 0.4032,

0.3624

0.5015

404.0633, 0.3323,
0.3606

0.9725, 0.4265,
0.5735

0.0000, 0.0000,
0.0000

73.6566, 0.3467,
0.3852

73.6566, 0.3467,
0.3852

72.8440, 0.3617,
0.4101

74.6244, 0.3315,
0.3600

72.1694, 0.3760,
0.4337


75.7443, 0.3165,
0.3353


71.6280, 0.3889,
0.4551


77.0263, 0.3021,
0.3115


71.2109, 0.3999,
0.4733

77.7898, 0.2947,
0.2992

 70.9083, 0.4086,
0.4876


 77.7908, 0.2947,
0.2992


 70.7088, 0.4146,
0.4975


 77.7917, 0.2947,
0.2992

 70.5987, 0.4180,
0.5032

 77.7927, 0.2947,
0.2992

 70.5582, 0.4193,
0.5053

 77.7937, 0.2947,
0.2992

 77.7947, 0.2947,
0.2992

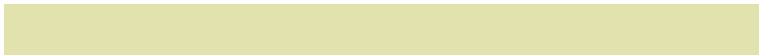
Harmonies

Analogous

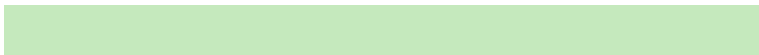
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6566, 0.3688, 0.3743



73.6566, 0.3467, 0.3852



73.6566, 0.3161, 0.3798

Triad

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



73.6566, 0.3467, 0.3852



73.6566, 0.2536, 0.3007



73.6566, 0.3388, 0.3018

Complementary

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



73.6566, 0.3467, 0.3852



45.2530, 0.2745, 0.2659

Split Complementary

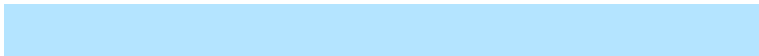
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6566, 0.3067, 0.2842



73.6566, 0.3467, 0.3852



73.6566, 0.2588, 0.2825

Square

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



73.6566, 0.3467, 0.3852



73.6566, 0.2632, 0.3286



73.6566, 0.2778, 0.2770



73.6566, 0.3645, 0.3262

Rectangle

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



73.6566, 0.3467, 0.3852



73.6566, 0.2953, 0.3670



73.6566, 0.2778, 0.2770



73.6566, 0.3283, 0.2950

Sweetspot

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



73.6599, 0.3467, 0.3852



98.9023, 0.3231, 0.3462



49.9134, 0.3589, 0.3291



21.1499, 0.3240, 0.3477



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.



73.6599, 0.3467, 0.3852



96.3280, 0.3537, 0.3967



69.8389, 0.3278, 0.3888



16.0294, 0.3267, 0.3522



40.2498, 0.4193, 0.5053



2.7900, 0.4193, 0.5053

Inverse Universe

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



45.2530, 0.2745, 0.2659



52.8613, 0.2655, 0.2509



48.4877, 0.2944, 0.2694



13.2435, 0.2981, 0.3047



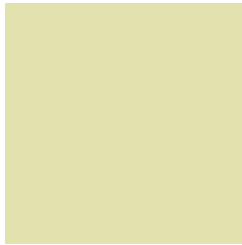
3.1329, 0.1500, 0.0600



0.2172, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 73.6566, 0.3467, 0.3852 looks on a white background.

Color Contrast Check

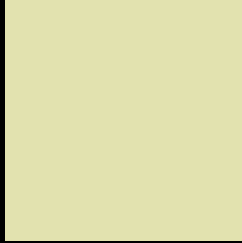
Large Text (above 18pt) WCAG AA × Fail

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 73.6566, 0.3467, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

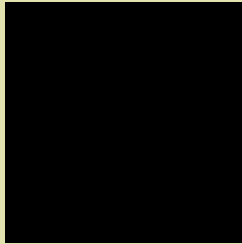
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6566, 0.3467, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 73.6566, 0.3467, 0.3852.



This preview shows how white text looks on a background with the Yxy color 73.6566, 0.3467, 0.3852.

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

73.6566, 0.3467, 0.3852

Protanopia

73.2642, 0.3574, 0.3818

Deuteranopia

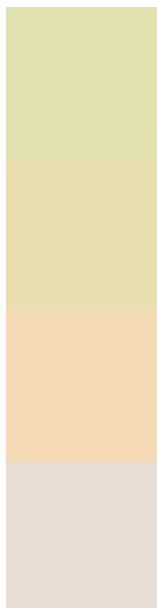
73.3216, 0.3653, 0.3610



Tritanopia

73.6334, 0.3128, 0.3113

Trichromacy



Original Color

73.6566, 0.3467, 0.3852

Protanomaly

73.1550, 0.3534, 0.3822

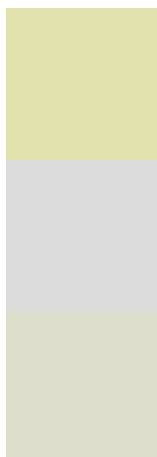
Deuteranomaly

73.2323, 0.3579, 0.3693

Tritanomaly

73.5059, 0.3253, 0.3376

Monochromacy



Original Color

73.6566, 0.3467, 0.3852

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.1318, 0.3247, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6566, 0.3467, 0.3852 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(226, 226, 175)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 175)  
}
```

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(226, 226, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 175) }
```

Border

The CSS property to change the border of an element to Yxy 73.6566, 0.3467, 0.3852 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(226, 226, 175) }
```

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

```
.border{ border-color:rgb(226, 226, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 226, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 226, 175); box-shadow:4px 4px 4px 4px rgb(226, 226, 175) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6566, 0.3467, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 175) }
```

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

```
.background{ background-color: rgb(226,  
226, 175) }
```

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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