

Converting Colors

Yxy(67.9871, 0.3869, 0.4402)

Have a look what the booklet for
Yxy(67.9871, 0.3869, 0.4402)
contains.

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Color

Yxy(68.1161, 0.3869, 0.4399)

Conversions

Conversions Part 1

Format	Color
Hex	E2DB75
RGB	226, 219, 117
RGB Percent	89%, 86%, 46%
CMY	0.1137, 0.1412, 0.5412
CMYK	0.00, 0.03, 0.48, 0.11
HSL	56°, 65%, 67%
HSV	56°, 48%, 89%
XYZ	59.9093, 68.1161, 26.8191
YIQ	209.4650, 36.9140, -30.2380

Conversions

Conversions Part 2

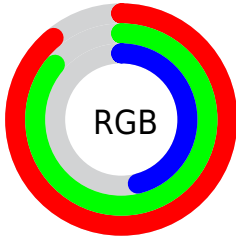
Format	Color
RYB	124, 226, 117
Decimal	14867317
CIELab	86.06, -11.23, 50.60
CIELCh	86, 51.835, 102.514
Yxy	68.1161, 0.3869, 0.4399
Android (android.graphics.Color)	4293057397 (0xFFE2DB75)
YUV	209.4650, -45.5852, 14.5012
Hunter-Lab	82.5325, -14.8608, 38.5063

Details

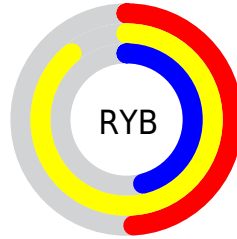
The Yxy color **68.1161, 0.3869, 0.4399** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.6918, 0.2226, 0.1865**, and the grayscale version is **64.3686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7203, 0.3626, 0.4115**, and **35.3676, 0.4016, 0.4643** is the 20% darker color. If you saturate the color by 10%, you get **66.8951, 0.4003, 0.4589**, and if you desaturate by 10%, it is **69.4784, 0.3720, 0.4184**.

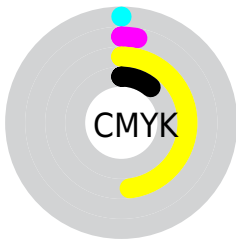
Distribution



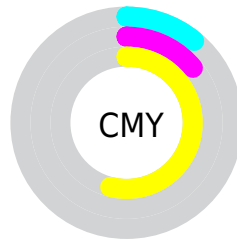
- Red (89%)
- Green (86%)
- Blue (46%)



- Red (49%)
- Yellow (89%)
- Blue (46%)



- Cyan (0%)
- Magenta (3%)
- Yellow (48%)
- Black (11%)





- Cyan (11%)
- Magenta (14%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.1161, 0.3869, 0.4399 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 68.1161, 0.3869, 0.4399 by changing the saturation by 10% instead.


 68.1161, 0.3869,
0.4399

 68.1161, 0.3869,
0.4399

453.9073, 0.3544,
0.3884

 49.9922, 0.3935,
0.4512


 116.5182, 0.3762,
0.4223

 35.4072, 0.4010,
0.4648


 147.5652, 0.3719,
0.4154

 23.9767, 0.4096,
0.4813


 183.6887, 0.3681,
0.4093

 15.3163, 0.4189,
0.5012

225.2731, 0.3647,
0.4041

 9.0417, 0.4279,
0.5251

272.7027, 0.3617,
0.3995

 4.7684, 0.4396,
0.5604

326.3620, 0.3590,

 2.1120, 0.4243,

0.3954

0.5757

386.6354, 0.3566,
0.3917

0.6714, 0.3515,
0.6485

0.0000, 0.0000,
0.0000

68.1161, 0.3869,
0.4399

68.1161, 0.3869,
0.4399

66.8951, 0.4003,
0.4589

69.4784, 0.3720,
0.4184

65.7964, 0.4118,
0.4744


70.9809, 0.3564,
0.3952


64.8127, 0.4207,
0.4858

72.6346, 0.3406,
0.3715

63.9311, 0.4269,
0.4927


74.4467, 0.3250,
0.3479


 63.1338, 0.4306,
0.4955


 76.4238, 0.3101,
0.3250

 62.9969, 0.4312,
0.4958

 78.5723, 0.2961,
0.3034

 79.5273, 0.2948,
0.3025

 80.3359, 0.2948,
0.3040

 81.1512, 0.2948,
0.3055

Harmonies

Analogous

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



68.1161, 0.4289, 0.4065



68.1161, 0.3869, 0.4399



68.1161, 0.3274, 0.4418

Triad

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



68.1161, 0.3869, 0.4399



68.1161, 0.2010, 0.2777



68.1161, 0.3524, 0.2694

Complementary

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



68.1161, 0.3869, 0.4399



23.6918, 0.2226, 0.1865

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.



68.1161, 0.2876, 0.2404



68.1161, 0.3869, 0.4399



68.1161, 0.2060, 0.2415

Square

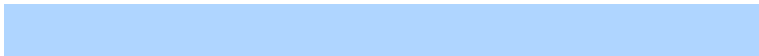
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.1161, 0.3869, 0.4399



68.1161, 0.2218, 0.3367



68.1161, 0.2357, 0.2299



68.1161, 0.4103, 0.3114

Rectangle

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



68.1161, 0.3869, 0.4399



68.1161, 0.2862, 0.4193



68.1161, 0.2357, 0.2299



68.1161, 0.3304, 0.2579

Sweetspot

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



68.1192, 0.3869, 0.4399



96.4541, 0.3341, 0.3617



30.3556, 0.4376, 0.3210



20.5363, 0.3375, 0.3668



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.



68.1192, 0.3869, 0.4399



87.9243, 0.4005, 0.4592



65.2408, 0.3471, 0.4626



15.8706, 0.3269, 0.3507



36.0028, 0.4310, 0.4960



2.5417, 0.4290, 0.4976

Inverse Universe

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



23.6918, 0.2226, 0.1865



22.9843, 0.2018, 0.1523



26.1324, 0.2593, 0.1911



13.3840, 0.2981, 0.3063



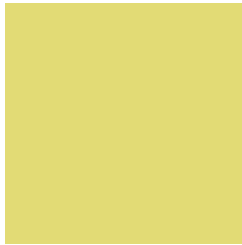
3.3793, 0.1512, 0.0642



0.2848, 0.1545, 0.0763

Previews

White Background



This preview shows how the Yxy color 68.1161, 0.3869, 0.4399 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 68.1161, 0.3869, 0.4399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

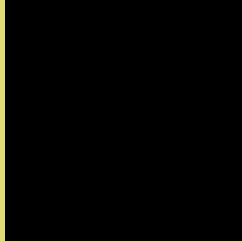
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.1161, 0.3869, 0.4399

Background



This preview shows how black text looks on a background with the Yxy color 68.1161, 0.3869, 0.4399.



This preview shows how white text looks on a background with the Yxy color 68.1161, 0.3869, 0.4399.

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

68.1161, 0.3869, 0.4399

Protanopia

67.8664, 0.3984, 0.4334

Deuteranopia

67.8688, 0.3987, 0.3949



Tritanopia

67.9579, 0.3241, 0.3121

Trichromacy



Original Color

68.1161, 0.3869, 0.4399

Protanomaly

67.6963, 0.3946, 0.4357

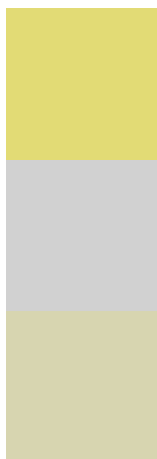
Deuteranomaly

67.5429, 0.3943, 0.4103

Tritanomaly

67.3729, 0.3490, 0.3587

Monochromacy



Original Color

68.1161, 0.3869, 0.4399

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.1702, 0.3402, 0.3717

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1161, 0.3869, 0.4399 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, 219, 117)` looks like.

```
.text, #text, p{  
    color:rgb(226, 219, 117)  
}
```

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, 219, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 117) }
```

Border

The CSS property to change the border of an element to Yxy 68.1161, 0.3869, 0.4399 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, 219, 117) }
```

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

```
.border{ border-color:rgb(226, 219, 117) }
```

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

Here you see how a box with a 4 pixel rgb(226, 219, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 117);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1161, 0.3869, 0.4399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 117) }
```

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

```
.background{ background-color: rgb(226,  
219, 117) }
```

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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