

Converting Colors

Yxy(69.1438, 0.3983, 0.4600)

Have a look what the booklet for
Yxy(69.1438, 0.3983, 0.4600)
contains.

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Color

Yxy(68.8883, 0.3983, 0.4600)

Conversions

Conversions Part 1

Format	Color
Hex	E3DD60
RGB	227, 221, 96
RGB Percent	89%, 87%, 38%
CMY	0.1098, 0.1333, 0.6235
CMYK	0.00, 0.03, 0.58, 0.11
HSL	57°, 70%, 63%
HSV	57°, 58%, 89%
XYZ	59.6483, 68.8883, 21.2206
YIQ	208.5440, 43.7010, -37.6030

Conversions

Conversions Part 2

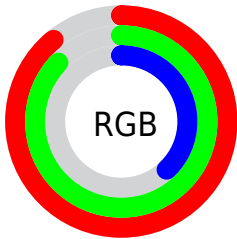
Format	Color
RYB	102, 227, 96
Decimal	14933344
CIELab	86.45, -13.51, 60.68
CIELCh	86, 62.165, 102.553
Yxy	68.8883, 0.3983, 0.4600
Android (android.graphics.Color)	4293123424 (0xFFE3DD60)
YUV	208.5440, -55.4842, 16.1859
Hunter-Lab	82.9990, -16.9669, 42.9404

Details

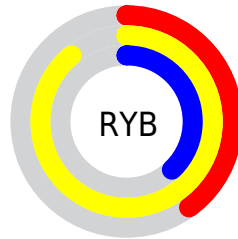
The Yxy color **68.8883, 0.3983, 0.4600** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.5389, 0.2024, 0.1514**, and the grayscale version is **63.7976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0144, 0.3739, 0.4302**, and **35.8607, 0.4130, 0.4874** is the 20% darker color. If you saturate the color by 10%, you get **67.9842, 0.4093, 0.4759**, and if you desaturate by 10%, it is **69.9229, 0.3852, 0.4406**.

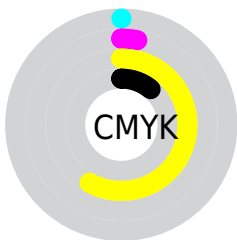
Distribution



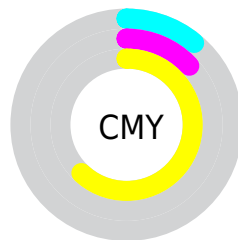
- Red (89%)
- Green (87%)
- Blue (38%)



- Red (40%)
- Yellow (89%)
- Blue (38%)



- Cyan (0%)
- Magenta (3%)
- Yellow (58%)
- Black (11%)





- Cyan (11%)
- Magenta (13%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8883, 0.3983, 0.4600 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 68.8883, 0.3983, 0.4600 by changing the saturation by 10% instead.


 68.8883, 0.3983,
0.4600

 68.8883, 0.3983,
0.4600

456.6369, 0.3621,
0.4002


 50.6207, 0.4051,
0.4727


 117.6220, 0.3868,
0.4399


 35.9069, 0.4125,
0.4875


 148.8570, 0.3820,
0.4318

 24.3623, 0.4203,
0.5049

 185.1832, 0.3777,
0.4248

 15.6026, 0.4275,
0.5250

 226.9851, 0.3739,
0.4187

 9.2434, 0.4374,
0.5536

274.6470, 0.3705,
0.4132

 4.9003, 0.4302,
0.5698

328.5533, 0.3674,

 2.1889, 0.4120,

0.4084

0.5880

389.0885, 0.3646,
0.4041

0.7139, 0.3282,
0.6718

0.0000, 0.0000,
0.0000

68.8883, 0.3983,
0.4600

68.8883, 0.3983,
0.4600

67.9842, 0.4093,
0.4759

69.9229, 0.3852,
0.4406

67.1904, 0.4179,
0.4876


71.0878, 0.3706,
0.4187

66.4973, 0.4237,
0.4949

72.3947, 0.3553,
0.3952


65.8878, 0.4271,
0.4982


73.8515, 0.3396,
0.3710


 65.7536, 0.4276,
0.4986

 75.4654, 0.3242,
0.3470

 77.2430, 0.3094,
0.3238

 79.1908, 0.2954,
0.3017

 79.7715, 0.2954,
0.3027

 80.3500, 0.2954,
0.3038

Harmonies

Analogous

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



68.8883, 0.4492, 0.4175



68.8883, 0.3983, 0.4600



68.8883, 0.3280, 0.4659

Triad

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



68.8883, 0.3983, 0.4600



68.8883, 0.1825, 0.2666



68.8883, 0.3595, 0.2592

Complementary

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



68.8883, 0.3983, 0.4600



17.5389, 0.2024, 0.1514

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.



68.8883, 0.2823, 0.2261



68.8883, 0.3983, 0.4600



68.8883, 0.1885, 0.2257

Square

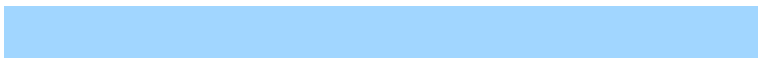
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.8883, 0.3983, 0.4600



68.8883, 0.2055, 0.3369



68.8883, 0.2223, 0.2136



68.8883, 0.4295, 0.3071

Rectangle

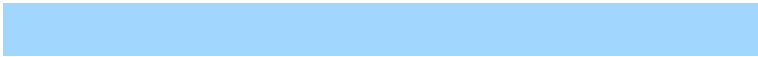
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.8883, 0.3983, 0.4600



68.8883, 0.2797, 0.4391



68.8883, 0.2223, 0.2136



68.8883, 0.3331, 0.2462

Sweetspot

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



68.8915, 0.3983, 0.4600



96.2548, 0.3387, 0.3696



25.6699, 0.4810, 0.3224



20.5164, 0.3418, 0.3745



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.



68.8915, 0.3983, 0.4600



88.3078, 0.4110, 0.4782



64.1179, 0.3495, 0.4898



16.6980, 0.3269, 0.3512



38.3936, 0.4275, 0.4988



2.8723, 0.4262, 0.4998

Inverse Universe

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



17.5389, 0.2024, 0.1514



15.7192, 0.1806, 0.1149



20.8782, 0.2476, 0.1638



13.9925, 0.2980, 0.3058



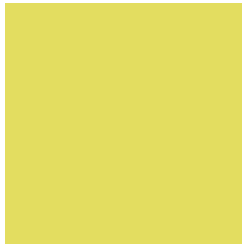
3.4121, 0.1508, 0.0630



0.2898, 0.1531, 0.0712

Previews

White Background



This preview shows how the Yxy color 68.8883, 0.3983, 0.4600 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 68.8883, 0.3983, 0.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

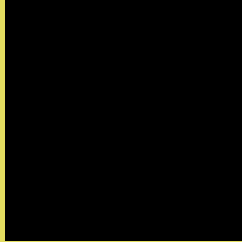
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8883, 0.3983, 0.4600

Background



This preview shows how black text looks on a background with the Yxy color 68.8883, 0.3983, 0.4600.



This preview shows how white text looks on a background with the Yxy color 68.8883, 0.3983, 0.4600.

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

68.8883, 0.3983, 0.4600

Protanopia

68.9772, 0.4116, 0.4520

Deuteranopia

68.8139, 0.3984, 0.3978



Tritanopia

68.8443, 0.3248, 0.3122

Trichromacy



Original Color

68.8883, 0.3983, 0.4600

Protanomaly

68.6312, 0.4070, 0.4549

Deuteranomaly

68.4816, 0.4001, 0.4206

Tritanomaly

68.4250, 0.3553, 0.3684

Monochromacy



Original Color

68.8883, 0.3983, 0.4600

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.0146, 0.3468, 0.3809

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8883, 0.3983, 0.4600 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(227, 221, 96)` looks like.

```
.text, #text, p{  
    color:rgb(227, 221, 96)  
}
```

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(227, 221, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 221, 96) }
```

Border

The CSS property to change the border of an element to Yxy 68.8883, 0.3983, 0.4600 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(227, 221, 96) }
```

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

```
.border{ border-color:rgb(227, 221, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 221, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 221, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 221, 96);  
box-shadow:4px 4px 4px 4px rgb(227, 221,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8883, 0.3983, 0.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 221, 96) }
```

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

```
.background{ background-color: rgb(227,  
221, 96) }
```

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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